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### Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

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- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

The present document is one part of a multi-part Technical Specification (TS) covering the New Radio (NR) User Equipment (UE) conformance specification, which is divided in the following parts:

3GPP TS 38.521-1 [1]: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 Standalone;

3GPP TS 38.521-2 [2]: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 Standalone;

3GPP TS 38.521-3 [3]: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios;

3GPP TS 38.521-4 [4]: NR; User Equipment conformance specification; Radio transmission and reception; Part 4: Performance;

## 3GPP TS 38.522: NR; User Equipment (UE) conformance specification; Applicability of RF and RRM test cases;

3GPP TS 38.533 [5]: NR; User Equipment (UE) conformance specification; Radio resource management;

### 1 Scope

The present document specifies the recommended applicability statement and completion status for the test cases included in 3GPP TS 38.521-1 [1], TS 38.521-2 [2], TS 38.521-3 [3], TS 38.521-4 [4] and TS 38.533 [5]. These applicability statements are based on the features implemented in the UE.

Special conformance testing functions can be found in 3GPP TS 38.509 [6] and the common test environments are included in 3GPP TS 38.508-1 [7]. Common implementation conformance statement (ICS) proforma can be found in 3GPP TS 38.508-2 [8].

The present document is valid for UE implemented according to 3GPP releases starting from Release 15 up to the Release indicated on the cover page of the present document.

### 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document in the same Release as the present document unless the context in which the reference is made suggests a different Release is relevant (information on the applicable release in a particular context can be found in e.g. test case title, description or applicability, message description or content).
- [1] 3GPP TS 38.521-1: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 Standalone
- [2] 3GPP TS 38.521-2: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 Standalone
- [3] 3GPP TS 38.521-3: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios
- [4] 3GPP TS 38.521-4: NR; User Equipment conformance specification; Radio transmission and reception; Part 4: Performance
- [5] 3GPP TS 38.533: NR; User Equipment (UE) conformance specification; Radio resource management
- [6] 3GPP TS 38.509: 5GS; Special conformance testing functions for User Equipment (UE)
- [7] 3GPP TS 38.508-1: 5GS; User Equipment (UE) conformance specification; Part 1: Common test environment
- [8] 3GPP TS 38.508-2: 5GS; User Equipment (UE) conformance specification; Part 2: Common Implementation Conformance Statement (ICS) proforma
- [9] 3GPP TR 21.905: Vocabulary for 3GPP Specifications
- [10] 3GPP TS 36.521-2: Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS)
- [11] 3GPP TS 38.331: NR; Radio Resource Control (RRC) protocol specification

### 3 Definitions, symbols and abbreviations

### 3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [9] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [9].

**DL\_nCC:** DL\_nCC(*table\_index*) includes all supported *n*-carrier CA/DC configurations in Table *table\_index* in TS 38.508-2 [8].

**DL\_NR\_***n***CC**: DL\_NR\_*n***CC**(*table\_index*) includes all supported DC configurations with *n*-carrier NR DL CA configuration in Table *table\_index* in TS 38.508-2 [8].

**EIRP**(Link=Link angle, Meas=Link angle): measurement of the UE such that the link angle is aligned with the measurement angle. EIRP (indicator to be measured) can be replaced by EIS, Frequency, EVM, carrier Leakage, Inband emission and OBW. Beam peak search grids, TX beam peak direction, and RX beam peak direction can be selected to describe Link.

**EIRP**(Link=Link angle, Meas=beam peak direction): measurement of the EIRP of the UE such that the measurement angle is aligned with the beam peak direction within an acceptable measurement error uncertainty.

**Implementation Conformance Statement (ICS):** statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented

**ICS proforma:** document, in the form of a questionnaire, which when completed for an implementation or system becomes an ICS

**Implementation extra Information for Testing (IXIT):** A statement made by a supplier or implementer of an UEUT which contains or references all of the information (in addition to that given in the ICS) related to the UEUT and its testing environment, which will enable the test laboratory to run an appropriate test suite against the UEUT

Inter-band carrier aggregation: Carrier aggregation of component carriers in different operating bands.

NOTE: Carriers aggregated in each band can be contiguous or non-contiguous.

Intra-band contiguous carrier aggregation: Contiguous carriers aggregated in the same operating band.

Intra-band non-contiguous carrier aggregation: Non-contiguous carriers aggregated in the same operating band.

IXIT proforma: A document, in the form of a questionnaire, which when completed for an UEUT becomes an IXIT

**Protocol Implementation Conformance Statement (PICS):** An ICS for an implementation or system claimed to conform to a given protocol specification

**Protocol Implementation eXtra Information for Testing (PIXIT):** An IXIT related to testing for conformance to a given protocol specification

**Static conformance review**: A review of the extent to which the static conformance requirements are claimed to be supported by the UEUT, by comparing the answers in the ICS(s) with the static conformance requirements expressed in the relevant specification(s)

**TRP**(Link=Link angle): measurement of the TRP of the UE such that the measurement angle is aligned with the beam peak direction within an acceptable measurement uncertainty. TX beam peak direction and RX beam peak direction can be selected to describe Link.

NOTE: For requirements based on EIRP/EIS, the radiated interface boundary is associated to the far-field region

**UL:** UL(*table\_index*) includes all supported CA Configurations where at least one UL CA configuration was declared in column "Supported CA Bandwidth Class(es) in UL" in Table *table\_index* in TS 38.508-2 [8].

UL\_*n*CC: UL\_*n*CC(*table\_index*) includes all supported CA Configurations where at least one *n*-carrier UL CA configuration was declared in column "Supported CA Bandwidth Class(es) in UL" in Table *table\_index* in TS 38.508-2 [8].

UL\_NR\_*n*CC: UL\_NR\_*n*CC(*table\_index*) includes all supported DC Configurations where at least one DC configuration with *n*-carrier NR UL CA configuration was declared in column "Supported EN-DC Bandwidth Class(es) in UL" in Table *table\_index* in TS 38.508-2 [8].

**ULTxSwitching:** ULTxSwitching(*table\_index*) includes all supported CA/DC/SUL Configurations where at least one uplink band pair was declared in column "Supported ULTxSwitching Band Pair" in Table *table\_index* in TS 38.508-2 [8].

### 3.2 Symbols

No specific symbols have been identified so far.

### 3.3 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [9] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [9].

For the purposes of the present document, the following abbreviations apply:

5GS	5G System
ACLR	Adjacent Channel Leakage Ratio
AWGN	Additive White Gaussian Noise
BFD	Beam Failure Detection
BPSK	Binary Phase Shift Keying
BWP	Bandwidth Part
CA	Carrier Aggregation
CBW	Channel Bandwidth
CC	Component Carrier
CCA	Clear Channel Assessment
CMR	Channel Measurement Resource
CQI	Channel Quality Indicator
CSI	Channel State Information
CSI-RS	CSI Reference Signal
DAPS	Dual Active Protocol Stack
DC	Dual Connectivity
DCI	Downlink Control Information
DL	Downlink
DRX	Discontinuous Reception
EIRP	Effective Isotropic Radiated Power
E-UTRA	Evolved UTRA
EVM	Error Vector Magnitude
FDD	Frequency Division Duplex
EN-DC	E-UTRA/NR Dual Connectivity
FR1	Frequency Range 1 (410 MHz - 7125 MHz)
FR2	Frequency Range 2 (24250 MHz - 52600 MHz)
HST	High Speed Train
ICS	Implementation Conformance Statement
IMR	Interference Measurement Resource
IXIT	Implementation eXtra Information for Testing
L1	Layer 1
L1-RSRP	Layer 1 RSRP
L1 SL-RSRP	Layer 1 Sidelink RSRP which corresponds to PSCCH-RSRP and/or PSSCH-RSRP
MAC	Medium Access Control
MCG	Master Cell Group
MPR	Allowed maximum power reduction
NR	New Radio
NSA	Non-Standalone, a mode of operation where operation of another radio is assisted with another
	radio
PCell	Primary Cell

PDSCHPhysical Downlink Shared ChannelPDSCHPhysical Downlink Shared ChannelPIXITProtocol Implementation eXtra Information for TestingPMIPre-coding Matrix IndicatorPRACHPhysical Random Access ChannelPSCellPrimary SCG CellQAMQuadrature Amplitude ModulationRFRadio Link MonitoringRRCRadio Link MonitoringRRCRadio Resource ControlRRMRadio Resource ManagementRSRPReference Signal Received PowerRSRQReference Signal Received QualitySAStandaloneSCCSingle CarrierSCCSecondary CellSCGSecondary Cell GroupSCSSystem Conformance Statement / Subcarrier SpacingSDLSupplementary DownlinkSFNSystem Frame NumberSFNSystem Gereence Signal based Reference Signal Received PowerSRSSounding Reference Signal based Reference Signal Received PowerSRSSounding Reference Signal based Reference Signal Received PowerSRSSynchronization Signal based RSRPSS-RSRPSynchronization Signal based RSRQSS-SINRSynchronization Signal based SINRSULSupplementary UpLinkTCTest CaseTDDTime Division DuplexTRPTotal Radiated PowerTxDTx DiversityUEUTUser Equipment Under TestULUplinkULFPTxUplink Hulliple Antenna transmissionUTRAUMINO <t< th=""><th>PDCCH</th><th>Physical Downlink Control Channel</th></t<>	PDCCH	Physical Downlink Control Channel
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TxDTx DiversityUEUTUser Equipment Under TestULUplinkULFPTxUplink Full Power TransmissionUL MIMOUplink Multiple Antenna transmissionUTRAUMTS Terrestrial Radio Access	TDD	Time Division Duplex
UEUTUser Equipment Under TestULUplinkULFPTxUplink Full Power TransmissionUL MIMOUplink Multiple Antenna transmissionUTRAUMTS Terrestrial Radio Access	TRP	Total Radiated Power
ULUplinkULFPTxUplink Full Power TransmissionUL MIMOUplink Multiple Antenna transmissionUTRAUMTS Terrestrial Radio Access	TxD	Tx Diversity
ULFPTxUplink Full Power TransmissionUL MIMOUplink Multiple Antenna transmissionUTRAUMTS Terrestrial Radio Access	UEUT	User Equipment Under Test
UL MIMOUplink Multiple Antenna transmissionUTRAUMTS Terrestrial Radio Access	UL	Uplink
UTRA UMTS Terrestrial Radio Access	ULFPTx	Uplink Full Power Transmission
UTRA UMTS Terrestrial Radio Access	UL MIMO	Uplink Multiple Antenna transmission
V2X Vehicle to Everything	UTRA	UMTS Terrestrial Radio Access
	V2X	Vehicle to Everything

### 4 Recommended test case applicability

The applicability of each individual test is identified in the tables 4.1.1-1/4.1.2-1/4.1.3-1/4.1.4-1/4.2-1/4.2-2/4.2-3/4.2-4/4.2-5/4.2-6/4.2-7/4.2-8/4.2-9/4.2-10/4.3.1-1/4.3.2-1. This is just a recommendation based on the purpose for which the test case was written.

The applicability of every test is formally expressed by the use of Boolean expressions that are based on parameters (ICS). The parameters (ICS) included in TS 38.508-2 [8] are used in the test case applicability condition without reference. Parameters (ICS) specified in TS 36.521-2 [10] shall be referred with proper reference. The parameters (ICS) shall be set according to the capabilities of the UE on the operating band / band combination under test.

Selection criteria of tested bands and tested CA configurations for each applicable test is formally expressed using group theory based on parameters (ICS) included in annex A of TS 38.508-2 [8] without reference.

Additional information related to the Test Case (TC), e.g. affecting its dynamic behaviour or its execution may be provided as well.

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The columns in tables 4.1.1-1 / 4.1.2-1 / 4.1.3-1 / 4.1.4-1 / 4.2-1 / 4.2-2 / 4.2-3 / 4.2-4 / 4.2-5 / 4.2-6 / 4.2-7 / 4.2-8 / 4.2-9 / 4.2-10 / 4.3.1-1 / 4.3.2-1 have the following meaning:

#### Clause

The clause column indicates the clause number in TS 38.521-1 [1], TS 38.521-2 [2], TS 38.521-3 [3], TS 38.521-4 [4] and TS 38.533 [5] that contains the test body.

### TC Title

The TC Title column describes the name of the test and contains the clause title of the clause in TS 38.521-1 [1], TS 38.521-2 [2], TS 38.521-3 [3], TS 38.521-4 [4] and TS 38.533 [5] that contains the test body.

#### Release

The release column indicates the earliest release from which each test case is applicable. It may also indicate a range of releases or a single release to which a test case is applicable.

#### Applicability - Condition

The following notations are used for the applicability column:

R	recommended - the test case is recommended to all terminals supporting NR
0	optional - the test case is optional
N/A	not applicable - in the given context, the test case is not recommended.
Ci	conditional - the test is recommended ("R") or not ("N/A") depending on the support of other items. "i" is an integer identifying a unique conditional status expression which is defined in Table 4.0-1. For nested conditional expressions, the syntax "IF THEN (IF THEN ELSE) ELSE" is used to avoid ambiguities.

#### Applicability - Comment

This comment column contains a verbal description of the condition included in the applicability column.

#### Tested Bands / CA/DC Configurations / Subtest Selection

This column defines a set of bands / CA/DC Configurations the test is to be run for, if the test is applicable. If the set is empty, the test is considered as not applicable.

The following notations are used in the tested bands selection column:

Di	Derive the set based on Band Selection Criteria Di defined in table 4.0-2.
Ei	Derive the set based on CA/DC Configurations Selection Criteria Ei defined in table 4.0-3.
Fi	Derive the set based on Subtest Selection Criteria Fi defined in table 4.0-4.
TBD	Band selection not defined at this time, in the meantime test all Bands / CA/DC Configurations
Text	For more complex selection criteria, or if the criteria are already specified somewhere else in the spec, text reference to the clause is given.

### Branch

This column contains indication if the test case may perform differently depending on the UE capabilities.

NOTE 1: Void.

NOTE 2: Void.

#### Additional Information

This column contains indication if the test case may perform differently depending on the UE capabilities and the measurement execution.

This column also contains indication of the completion status of the test case.

### 4.0 Test case conditions and selection criteria

For the purposes of the present document, the applicability of conformance test cases conditions given in Table 4.0-1 apply. The tested bands selection criteria given in Table 4.0-2 apply. The tested CA/DC configuration selection criteria given in Table 4.0-3 apply. The subtest selection criteria given in Table 4.0-4 apply. The ICS proformas used in Table 4.0-1, Table 4.0-2, Table 4.0-3 and Table 4.0-4 are defined in TS 38.508-2 [8] unless otherwise stated.

Table 4.0-1: Applicability of conformance test cases conditions

C001	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 THEN R ELSE N/A
C001a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.1-7/3 AND NOT A.4.3.2-1/84 THEN R ELSE N/A
C001b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 THEN R ELSE N/A
C001c	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.3.1-2/2e OR A.4.3.1-2/12) THEN R
	ELSE N/A
C001d	Void
C001e	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 THEN R ELSE N/A
C001f	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 AND (A.4.3.11-1/1 OR A.4.3.11-1/3) THEN R ELSE N/A
C001g	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.3.1-7/5 OR ((A.4.3.1-7/2 OR A.4.3.1-7/3) AND A.4.3.2-1/84)) THEN R ELSE N/A
C001h	IF (A.4.1-1/1 OR Á.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND NOT A.4.3.2-1/84 THEN R ELSE N/A
C001i	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2A.1-1/2 THEN R ELSE N/A
C001j	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2A.1-1/3 THEN R ELSE N/A
C001k	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2A.1-1/4 THEN R ELSE N/A
C001I	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND NOT A.4.3.2-1/84 AND NOT A.4.3.12-1/2 THEN R ELSE N/A
C001m	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.4-1/16 THEN R ELSE N/A
C001n	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.7-1/65 THEN R ELSE N/A
C0010	IF A.4.1-1/1 AND A.4.1-2/9 AND A.4.1-3/1 AND A.4.4-1/17 THEN R ELSE N/A
C001p	IF A.4.1-1/1 AND A.4.1-2/9 AND A.4.1-3/1 AND A.4.4-1/17 AND A.4.3.2-1/91 THEN R ELSE N/A
C001q	IF A.4.1-1/1 AND A.4.1-2/9 AND A.4.1-3/1 AND A.4.4-1/17 AND A.4.3.2-1/92 THEN R ELSE N/A
C002	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-2/3 OR A.4.1-2/5) THEN R ELSE N/A
C003	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/14 THEN R ELSE N/A
C003a	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/14 THEN R ELSE N/A
C003b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.3.2-1/58 OR A.4.3.2-1/59 OR A.4.3.2-
	1/60) THEN R ELSE N/A
C004	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-2/1 THEN R ELSE N/A
C004a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2B.1.0a.1-2/1 THEN R ELSE N/A
C005	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-4A/5 AND A.4.1-2/4 AND A.4.3.2A.1- 1/1 AND A.4.1-3/1 THEN R ELSE N/A
C006	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 THEN R ELSE N/A
C006a	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.5-1/1 THEN R ELSE N/A
C006b	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/31a THEN R ELSE N/A
C006c	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-1/1 THEN R ELSE N/A
C006d	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-1/2 THEN R ELSE N/A
C006e	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-1/3 THEN R ELSE N/A
C006f	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-1/4 THEN R
C006g	ELSE N/A IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-1/5 THEN R
0000	
C006h	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-1/6 THEN R ELSE N/A
C006i	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-1/7 THEN R ELSE N/A
C006j	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND NOT (A.4.3.2-1/22A OR A.4.3.2-1/22B) THEN R ELSE N/A
C006k	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.3.2-1/22A OR A.4.3.2-1/22B) THEN R ELSE N/A
C006l	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.6/56A THEN R ELSE N/A
C006m	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/56 AND 4.3.2-1/78 THEN R ELSE N/A
C006n	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.3.2-1/130 OR A.4.3.2-1/131) THEN R ELSE N/A
C006o	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/25A THEN R ELSE N/A
C006p	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.1-4A/7 AND A.4.3.2A.1- 1/1 THEN R ELSE N/A
C006w	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/38 THEN R ELSE N/A
C006x	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/139 THEN R ELSE N/A
C007	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/22 THEN R ELSE N/A
C008	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND NOT (A.4.3.2-1/22) AND NOT (A.4.3.2-1/22A OR A.4.3.2-1/22B) THEN R ELSE N/A
C008a	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND NOT (A.4.3.2-1/22) AND (A.4.3.2-1/22A OR A.4.3.2-1/22B) THEN R ELSE N/A

<ul> <li>C009</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-41 AND A.4.32E 2.0-217 THEN R ELSE NA</li> <li>C009</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-41 AND A.4.32E 2.0-217 THEN R ELSE NA</li> <li>C010</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-42 AND A.4.32E 2.0-217 THEN R ELSE NA</li> <li>C010</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-42 AND A.4.32E 2.0-217 THEN R ELSE NA</li> <li>C010</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-42 AND A.4.32E 2.0-217 THEN R ELSE NA</li> <li>C010</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-42 AND A.4.32E 2.0-217 THEN R ELSE NA</li> <li>C011</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-43 AND A.4.32E 2.0-217 THEN R ELSE NA</li> <li>C0111</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-43 AND A.4.32E 2.0-217 THEN R ELSE NA</li> <li>C0111</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-43 AND A.4.32E 2.0-217 THEN R ELSE NA</li> <li>C0111</li> <li>IF (A.4.1-17) CR A.4.1-12) AND A.4.1-32 AND A.4.1-43 AND A.4.32E 2.0-221 AND A.4.</li></ul>	r	
<ul> <li>CO002</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/1 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A</li> <li>CO103</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/2 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A</li> <li>CO103</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/2 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A</li> <li>CO103</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/2 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A</li> <li>CO113</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/2 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A</li> <li>CO114</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A</li> <li>CO115</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A</li> <li>CO116</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A</li> <li>CO116</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2.0-2/1 AND A.4.3.28.2.0-2/1</li> <li>THEN R ELSE N/A</li> <li>CO121</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2.0-2/1 AND A.4.3.28.2.0-2/1</li> <li>THEN R ELSE N/A</li> <li>CO122</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/1 AND A.4.3.28.2.0-2/1</li> <li>THEN R ELSE N/A</li> <li>CO123</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/2 THEN R ELSE N/A</li> <li>CO124</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/2 THEN R ELSE N/A</li> <li>CO126</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/2 THEN R ELSE N/A</li> <li>CO126</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/A1 THEN R ELSE N/A</li> <li>CO126</li> <li>IF (A.4.1-17) OR A.4.1-12) AND A.4.1-3/2 AND A.4.3.</li></ul>	C009	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/1 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A
ELSE N/A           C010         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-42 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0102         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-42 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.7.2D THEN R ELSE N/A           C011         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-42 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0111         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-43 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C01115         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-43 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C01116         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-43 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-43 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-43 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0121         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-44 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0122         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-44 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0122         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-44 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0122         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-44 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.2.0-2/1 AND A.4.1-42 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.2.0-2/1 AND A.4.1-42 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.2.0-2/1 AND A.4.1-42 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.2.0-	C009a	
C010         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/2 AND A.43.28.20-0/11 THEN R ELSE N/A           C0108         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/2 AND A.43.28.20-0/21 THEN R ELSE N/A           C0119         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/2 AND A.43.28.20-0/21 THEN R ELSE N/A           C0111         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/2 AND A.43.28.20-0/21 THEN R ELSE N/A           C0111         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/3 AND A.43.28.20-0/21 THEN R ELSE N/A           C01110         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/3 AND A.43.28.20-0/21 THEN R ELSE N/A           C01111         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/3 AND A.43.28.20-0/21 THEN R ELSE N/A           C0112         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/3 AND A.43.28.20-0/21 THEN R ELSE N/A           C0112         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/4 AND A.43.28.20-0/21 THEN R ELSE N/A           C0112         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/4 AND A.43.28.20-0/21 THEN R ELSE N/A           C0122         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/4 AND A.43.28.20-0/21 THEN R ELSE N/A           C0123         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/4 AND A.43.28.20-0/21 THEN R ELSE N/A           C0124         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/4 AND A.43.28.20-0/21 THEN R ELSE N/A           C0125         IF (A.41-1/1) OR A.41-1/2) AND A.41-3/2 AND A.41-4/4 AND A.43.28.20-0/21 T	C009z	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/1 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R
C010a         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/2 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R ELSE N/A           C011         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/2 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0111         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0111         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0111         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C01116         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C01116         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0122         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0128         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 ATHEN R ELSE N/A           C0128         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 ATHEN R ELSE N/A           C0128         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 ATHEN R ELSE N/A           C0128         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3-2-1/3 THEN R           C0129         IF (A.4.1-1/1 OR A.4.		ELSE N/A
C010a         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/2 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R ELSE N/A           C011         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/2 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0111         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0111         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0111         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C01116         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C01116         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0122         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0128         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 ATHEN R ELSE N/A           C0128         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 ATHEN R ELSE N/A           C0128         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 ATHEN R ELSE N/A           C0128         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3-2-1/3 THEN R           C0129         IF (A.4.1-1/1 OR A.4.	C010	IF (A 4 1-1/1 OR A 4 1-1/2) AND A 4 1-3/2 AND A 4 1-4/2 AND A 4 3 2B 2 0-2/1 THEN R FLSE N/A
C0102 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/2 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C011 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/2 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C0110 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C0110 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C0110 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C0111 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/3 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND FHEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND FHEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/AND THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/AND THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/AND A.4.3.2-1/3 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/AND A.4.3.2-1/3 THEN R ELSE IN/A C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/AN		
ELSE N/A           C011         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C011a         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C011b         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C011c         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1-1/1 OR A.4.1-12) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C012a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/2 THEN R ELSE N/A           C012a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/2 THEN R ELSE N/A           C012a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/2 THEN R ELSE N/A           C012a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A           C012a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A           C012a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2THEN R ELSE N/A           C012a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2TI3 THEN R		
C011         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2-0.21 THEN R ELSE NA           C0110         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2-0.24/1 THEN R ELSE NA           C0110         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2-0.24/1 THEN R ELSE NA           C0111         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.3.28.2-0.24/1 THEN R ELSE NA           C0112         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.3.28.2-0.2/1 THEN R ELSE NA           C0123         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.3.28.2-0.2/1 THEN R ELSE NA           C0124         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2-0.2/2 THEN R ELSE NA           C0125         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2-0.2/3/2 THEN R ELSE NA           C0126         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2-0.2/3/2 THEN R ELSE NA           C0126         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2-0.2/3/2 THEN R ELSE NA           C0126         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2-0.2/3/2 THEN R ELSE NA           C0127         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2-0.2/3/3 THEN R ELSE NA           C0128         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2-0.2/3/3 THEN R ELSE NA           C0129         IF (A.4.1-1/1) CR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-	COTOZ	
C011a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2.0-4/1 THEN R ELSE N/A           C011b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A           C011c         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.28.2.0-2/1 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A           C0128         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/1 THEN R ELSE N/A           C0129         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/3 THEN R ELSE N/A           C0120         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/3 THEN R ELSE N/A           C0121         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/1 AND F.4.3.27.3/1 THEN R ELSE N/A           C0120         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/3 THEN R ELSE N/A           C0121         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/3 THEN R ELSE N/A           C0121         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/3 THEN R ELSE N/A           C0121         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2/3 THEN R ELSE N/A           C0121 <td></td> <td></td>		
C011b         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-322 AND A.4.1-4/3 AND A.4.328.2-0-24/1 THEN R ELSE N/A           C011c         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-322 AND A.4.1-4/3 AND A.4.328.2-0-24/1 AND A.4.328.2-0-24/1           C011c         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-322 AND A.4.1-4/3 AND A.4.328.2-0-24/1 AND A.4.3.28.2-0-24/1           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 AND A.4.1-4/3 AND A.4.3.28.2-0-24/1 THEN R ELSE N/A           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.28.2-0-24/2 THEN R ELSE N/A           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.28.2-0-24/2 THEN R ELSE N/A           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.28.2-0-24/2 THEN R ELSE N/A           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.28.2-0-24/2 THEN R ELSE N/A           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.28.2-0-24/2 THEN R ELSE N/A           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.28.2-0-24/2 THEN R ELSE N/A           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 AND A.4.1-4/4 AND A.4.3.28.2-0-24/3 THEN R ELSE N/A           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 CND A.4.1-4/4 AND A.4.3.28.2-0-24/3 THEN R ELSE N/A           C012         IF (A.4.1-11) CR A.4.1-12) AND A.4.1-32 CND A.4.1-4/4 AND A.4.3.28.2-0-24/3 THEN R ELSE N/A           C0121         IF (A.4.1-11) CR A.4.1-12) AND A.4.		
C0110         IF (A.4.1.11) CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/3 AND A.4.3.2B.2.0-2/2 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0111         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/3 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0121         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0122         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0123         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C0124         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C0126         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C0127         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C0128         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A           C01217         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A           C01218         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A           C012117         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A	C011a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-1/1 THEN R ELSE N/A
C0110         IF (A.4.1.11) CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/3 AND A.4.3.2B.2.0-2/2 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0111         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/3 AND A.4.3.2B.2.0-2/1 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0112         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0121         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0122         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C0123         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C0124         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C0126         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C0127         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C0128         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A           C01217         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A           C01218         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A           C012117         IF (A.4.1.1/1 CR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/4 THEN R ELSE N/A	C011b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2A/1 THEN R ELSE N/A
C011d         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/3 AND A.4.3.2B.2.0-2/2 AND A.4.3.2B.2.0-2A/1           THEN R ELSE N/A           C012         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/3 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C012a         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C012b         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C012c         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3 THEN R ELSE N/A           C012c         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/3/3 THEN R ELSE N/A           C012d         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-1/3/3 THEN R ELSE N/A           C012d         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-1/3/3 THEN R ELSE N/A           C012d         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-1/3/3 THEN R ELSE N/A           C012d         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-1/3/3 THEN R ELSE N/A           C012l         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/6/3 THEN R ELSE N/A           C012l         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/6/3 THEN R ELSE N/A           C012l         IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0-2/4/A THEN R ELSE N/A     <	C011c	
THEN R ELSE N/A           C011z         IF (A4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A           C012z         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 THEN R ELSE N/A           C012z         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/2 THEN R ELSE N/A           C012z         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/2 THEN R ELSE N/A           C012z         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012z         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012z         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012z         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012c         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A <td></td> <td></td>		
C0112         IF (A4,1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/3 AND A,4.3.2B,2.0-2/17 AND A,4.3.2-1/25 THEN R           C012         IF (A4,1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/17 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/A/2 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/A/2 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/A/2 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/A/2 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-1/A/2 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-1/A/2 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/A/3 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/A/3 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/A/3 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/A/3 THEN R ELSE N/A           C012         IF (A,4.1-1/1/Q RA,4.1-1/2) AND A,4.1-3/2 AND A,4.1-4/4 AND A,4.3.2B,2.0-2/A/3 AND A,4.3.2+1/25 THEN R           ELSE N/A	Corru	
ELSE N/A           C012         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 THEN R ELSE N/A           C012a         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A THEN R ELSE N/A           C012b         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A THEN R ELSE N/A           C012b         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A THEN R ELSE N/A           C012b         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A THEN R ELSE N/A           C012b         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1/A THEN R ELSE N/A           C012b         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1/A THEN R ELSE N/A           C012b         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1/A THEN R ELSE N/A           C012b         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A THEN R ELSE N/A           C012b         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A THEN R ELSE N/A           C012b         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A/5 THEN R ELSE N/A           C012c         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A/5 THEN R ELSE N/A           C012c         IF (A4.1-1/1) OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A/2 AND A.4.3.2-1/25 THEN R	0011-	
C012         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-21/1 THEN R ELSE NA           C012a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/2 THEN R ELSE NA           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/2 THEN R ELSE NA           C012d         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/2 THEN R ELSE NA           C012d         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/2 THEN R ELSE NA           C012d         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/2 THEN R ELSE NA           C012d         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/2 THEN R ELSE NA           C012d         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE NA           C012d         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE NA           C012l         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE NA           C012l         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE NA           C012l         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/7 THEN R ELSE NA           C012l         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R           ELSE NA         IF (A.4.1-1/1	CUTTZ	
C012a         IF (A.41-1/1 OR A.41-1/2) AND A.41-3/2 AND A.4.1-4/4 AND A.3.282.0-2A/2 THEN R ELSE IV/A           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2A/3 THEN R ELSE IV/A           C012c         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2A/3 THEN R ELSE IV/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2A/3 THEN R ELSE IV/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-1/A/2 THEN R ELSE IV/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-1/A/3 THEN R ELSE IV/A           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-1/A/3 THEN R ELSE IV/A           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-1/A/3 THEN R ELSE IV/A           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2A/5 THEN R ELSE IV/A           C012b         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2A/5 THEN R ELSE IV/A           C012c         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2A/3 THEN R ELSE IV/A           C012c         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2A/3 AND A.4.3.2-1/25 THEN R           C012c         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.28.2.0-2A/3 AND A.4.3.2-1/25 THEN R           C012c <td></td> <td></td>		
C012b         IF (A.41-1/1 OR A.41-1/2) AND A.41-3/2 AND A.4.1-4/4 AND A.3.282.0-2A/3 THEN R ELSE N/A           C012c         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-2A/3 THEN R ELSE N/A           C012d         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-2A/3 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-1A/3 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-1A/3 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-1A/3 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-1A/3 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-2A/6 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-2A/6 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-2A/6 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-2A/6 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-2A/6 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.32B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A           C012e         IF (A.4.1-1		
C012c         IF (A.41-1/1 OR A.41-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012d         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/2 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R           ELSE N/A         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R           ELSE N/A         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R           ELSE N/A         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R	C012a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/1 THEN R ELSE N/A
C012c         IF (A.41-1/1 OR A.41-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012d         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/2 THEN R ELSE N/A           C012e         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R           ELSE N/A         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R           ELSE N/A         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R           ELSE N/A         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R	C012b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/2 THEN R ELSE N/A
<ul> <li>C0120 IF (A.41-1/1 OR A.41-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 THEN R ELSE N/A</li> <li>C0120 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/2 THEN R ELSE N/A</li> <li>C0121 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A</li> <li>C0120 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A</li> <li>C0121 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A</li> <li>C0121 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A</li> <li>C0121 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C0121 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C0121 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C0121 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A</li> <li>C0121 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A</li> <li>C0120 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A</li> <li>C0120 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C0120 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C0120 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C0120 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C0120 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/4 OR A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/4 OR A.4.1-4/4 OR A.4.1-4/2 OR A.4.1-4/4 AND A.4.3.2B.2.0-</li></ul>		
<ul> <li>CO12e IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2/1 AND A.4.3.2.1/31a THEN R ELSE N/A</li> <li>CO12e IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2/1 AND A.4.3.2.1/31a THEN R ELSE N/A</li> <li>CO12h IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.1A/3 THEN R ELSE N/A</li> <li>CO12h IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.1A/3 THEN R ELSE N/A</li> <li>CO12i IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/3 THEN R ELSE N/A</li> <li>CO12i IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/3 THEN R ELSE N/A</li> <li>CO12i IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/7 THEN R ELSE N/A</li> <li>CO12i IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/7 THEN R ELSE N/A</li> <li>CO12m IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/7 THEN R ELSE N/A</li> <li>CO12m IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/7 THEN R ELSE N/A</li> <li>CO12m IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/3 AND A.4.3.2.1/25 THEN R ELSE N/A</li> <li>CO12n IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/4 AND A.4.3.2.1/25 THEN R ELSE N/A</li> <li>CO12e IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/4 AND A.4.3.2.1/25 THEN R ELSE N/A</li> <li>CO12e IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.4/4 AND A.4.3.2B.2.0.2A/4 AND A.4.3.2.1/25 THEN R ELSE N/A</li> <li>CO12e IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.3/3 OR A.4.1.3/5 AND A.4.3.2.1/25 THEN R ELSE N/A</li> <li>CO12e IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1.3/2 AND A.4.1.3/3 OR A.4.1.3/5 AND A.4.3.2.1/25 THEN R ELSE N/A</li> <li>CO13 IF (A.4.1.1/1 OR A.4.1.3/2 AND A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5 AND A.4.3.2.2.1/26 THEN R ELSE N/A</li> <li>CO14 IF (A.4.1.1/1 OR A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 O</li></ul>		
<ul> <li>C012/ IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/31a THEN R ELSE N/A</li> <li>C012g IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012v IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012v IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C012v IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/4 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/1 DR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE</li></ul>		
ELSE N/A           C012g         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A           C012h         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/4 THEN R ELSE N/A           C0121         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A           C0121         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A           C0124         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A           C0120         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A           C0120         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R           ELSE N/A         EUSE N/A           C0120         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R           ELSE N/A         EUSE N/A           C0120         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R           C0120         IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R           C0120         IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R           C0120         IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 AND A.4.1-3/3 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/		
<ul> <li>C012g IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/A AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4 OR A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/4 OR A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C015I IF (A.4.1-1/1 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5)</li></ul>	C012f	
<ul> <li>C012h IF (A.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/7 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 HD R A.4.3.22/1/25 THEN R</li> <li>ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R</li> <li>ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R</li> <li>ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R</li> <li>ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R</li> <li>ELSE N/A</li> <li>C012q IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R</li> <li>ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-3/2 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R</li> <li>ELSE N/A</li> <li>C012u IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 AND A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-3/3 OR A.4.1-3/4) AND A.4.3.2-1/25 THEN R</li> <li>ELSE N/A</li> <li>C012u IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R</li> <li>ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/4 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/3 OR A.</li></ul>		
<ul> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 A</li></ul>		
<ul> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012i IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 A</li></ul>	C012h	
<ul> <li>C012j IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/6 THEN R ELSE N/A</li> <li>C012u IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/14 THEN R ELSE N/A</li> <li>C012g IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012u IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012u IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/1 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/1 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF</li></ul>	C012i	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/5 THEN R ELSE N/A
<ul> <li>C012k IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/7 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012u IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012u IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012u IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AN</li></ul>		
<ul> <li>C012I IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE N/A</li> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/2 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012z IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/26 THEN R ELSE N/A</li> <li>C012z IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/2 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.</li></ul>		
<ul> <li>C012m IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/2 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012q IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012z IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND</li></ul>		
ELSE N/A           C012n         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A           C0120         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A           C0120         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A           C01217         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A           C0122         IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/26 THEN R ELSE N/A           C0122         IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/26 THEN R ELSE N/A           C0122         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.3.2-1/25 THEN R ELSE N/A           C013         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A           C014         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C0150         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C0155         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-		IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/8 THEN R ELSE IN/A
<ul> <li>C012n IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012o IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/14 THEN R ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012w IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/4 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5)</li></ul>	C012m	
ELSE N/A           C0120         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A           C012q         IF (A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A           C012u         IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A           C012z         IF (A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A           C012z         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A           C013         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A           C014         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A           C015         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A           C0155         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C0150         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C0156         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/		
<ul> <li>C0120 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012a IF (A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012a IF (A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C012a IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/2 AND (</li></ul>	C012n	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/3 AND A.4.3.2-1/25 THEN R
ELSE N/A           C012p         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/14 THEN R ELSE N/A           C012q         IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A           C012w         IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/35 THEN R ELSE N/A           C012w         IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/35 THEN R ELSE N/A           C013         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A           C013         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A           C014         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A           C015         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A           C0150         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C0150         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C0150         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C0154         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NO		
<ul> <li>C012p IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/14 THEN R ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/28 THEN R ELSE N/A</li> <li>C012u IF (A.4.1-1/1 OR A.4.1-3/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015a IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C016b IF A.4.</li></ul>	C012o	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/4 AND A.4.3.2-1/25 THEN R
<ul> <li>ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012z IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/1 OR A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/1 OR A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/1 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/60 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/60 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/3 AND NOT A.4.3.1</li></ul>		ELSE N/A
<ul> <li>ELSE N/A</li> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012z IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/1 OR A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/1 OR A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/1 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/60 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/60 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/3 AND NOT A.4.3.1</li></ul>	C012p	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2/1 AND A.4.3.2-1/14 THEN R
<ul> <li>C012q IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25A THEN R ELSE N/A</li> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/38 THEN R ELSE N/A</li> <li>C012z IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/1 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.2-1/60 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C016t IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016t IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR</li></ul>		
<ul> <li>C012w IF A.4.1-1/2 AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/38 THEN R ELSE N/A</li> <li>C012z IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015z IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.2-1/40 THEN R ELSE N/A</li> <li>C015z IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015z IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016b IF A.4.1-1/2 AND (A.4.1-3/1 O</li></ul>	C012g	
<ul> <li>C012z IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.1-4/4 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/25 THEN R ELSE N/A</li> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015v IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016b IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1</li></ul>		
ELSE N/A           C013         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A           C014         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A           C015         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A           C015         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A           C015b         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015c         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015d         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015d         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016         <		
<ul> <li>C013 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/140 THEN R ELSE N/A</li> <li>C015z IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/140 THEN R ELSE N/A</li> <li>C015z IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015z IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <l< td=""><td>C0122</td><td></td></l<></ul>	C0122	
R ÉLSE N/A           C014         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A           C015         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A           C015b         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015c         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015c         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015c         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015e         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015v         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A		
<ul> <li>C014 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/40 THEN R ELSE N/A</li> <li>C015x IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/140 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/3 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/3 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/3 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C016b IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> </ul>	C013	
<ul> <li>A.À.1-4/3 OR A.4.1-4/4) THEN RÈLSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2- 1/140 THEN R ELSE N/A</li> <li>C015x IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016b IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> </ul>		
<ul> <li>A.4.1-4/3 OR A.4.1-4/4) THEN R ELSE N/A</li> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2- 1/140 THEN R ELSE N/A</li> <li>C015x IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016b IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> </ul>	C014	IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (A.4.1-4/1 OR A.4.1-4/2 OR
<ul> <li>C015 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.2- 1/140 THEN R ELSE N/A</li> <li>C015z IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2- 1/140 THEN R ELSE N/A</li> <li>C015x IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016b IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> </ul>		
ELSE N/A           C015b         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015c         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015d         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015e         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015e         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015y         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A	C015	
<ul> <li>C015b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2- 1/140 THEN R ELSE N/A</li> <li>C015x IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C016b IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> </ul>		
Ta/2 THEN R ELSE N/A           C015c         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- Ta/2 THEN R ELSE N/A           C015d         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- Ta/2 THEN R ELSE N/A           C015e         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2- 1/140 THEN R ELSE N/A           C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015y         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A	C015h	
<ul> <li>C015c IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/140 THEN R ELSE N/A</li> <li>C015x IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016b IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> </ul>	00100	
Ta/2 THEN R ELSE N/A           C015d         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- Ta/2 THEN R ELSE N/A           C015e         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-Ta/2 AND A.4.3.2- 1/140 THEN R ELSE N/A           C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- Ta/2 THEN R ELSE N/A           C015y         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- Ta/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-Ta/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- Ta/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1- Ta/3 THEN R ELSE N/A	0045-	
<ul> <li>C015d IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015e IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-1/140 THEN R ELSE N/A</li> <li>C015x IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C015y IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C016 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016b IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> </ul>	C015C	
Ta/2 THEN R ELSE N/A           C015e         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2- 1/140 THEN R ELSE N/A           C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015y         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-		
C015e         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2- 1/140 THEN R ELSE N/A           C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015y         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-	C015d	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1-
1/140 THEN R ELSE N/A         C015x       IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A         C015y       IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A         C016       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A         C016b       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A         C016c       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-		7a/2 THEN R ELSE N/A
C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015y         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-	C015e	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.2-
C015x         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C015y         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-		
Ta/2 THEN R ELSE N/A         C015y       IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A         C016       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A         C016b       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A         C016c       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-	C015x	
C015y         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A	20100	
Ta/2 THEN R ELSE N/A           C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-	C0151	
C016         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-	COTSy	
ELSE N/A           C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-	0010	
C016b         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-	C016	
7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-		
7a/3 THEN R ELSE N/A           C016c         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-	C016b	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 AND NOT A.4.3.1-
C016c IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/66 AND NOT A.4.3.1-		
	C016c	
	L	

C016d	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/3 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A
C016e	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 AND A.4.3.2-
00.00	1/140 THEN R ELSE N/A
C016x	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 AND NOT A.4.3.1-
C016y	7a/3 THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/33 AND NOT A.4.3.1-
CUTOy	7a/3 THEN R ELSE N/A
C017	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
	7a/2) THEN R ELSE N/A
C017b	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) AND A.4.3.2-1/6 THEN R ELSE N/A
C017c	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
	7a/2) AND A.4.3.2-1/66 THEN R ELSE N/A
C017d	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
C017e	7a/2 AND A.4.3.9-1/3 THEN R ELSE N/A IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
00176	7a/2) AND A.4.3.2-1/140 THEN R ELSE N/A
C017g	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND (NOT A.4.3.9-1/2 AND
C017h	(A.4.3.1-7a/2 OR A.4.3.1-7a/3)) THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2A.1-1/2 AND (NOT A.4.3.9-1/2 AND
COTT	(A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2A.1-1/2 AND (NOT A.4.3.9-1/2 AND (A.4.3.1-7a/2 OR A.4.3.1-7a/3)) THEN R ELSE N/A
C017i	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2A.1-1/3 AND (NOT A.4.3.9-1/2 AND
0047	(A.4.3.1-7a/2 OR A.4.3.1-7a/3)) THEN R ELSE N/A
C017j C017x	Void IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
00177	7a/2) AND A.4.3.9-1/1 THEN R ELSE N/A
C017y	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
C017z	7a/2) AND A.4.3.2-1/33 THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
C0172	7a/3) AND A.4.3.2-1/33 THEN R ELSE N/A
C018	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND 4.3.2-1/9 THEN R ELSE N/A
C019	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
C019b	7a/3) THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
00.00	7a/3) AND A.4.3.2-1/6 THEN R ELSE N/A
C019c	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
C019d	7a/3) AND A.4.3.2-1/66 THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND (A.4.3.9-
00100	4b/38 OR A.4.3.9-4b/41 OR A.4.3.9-4b/48 OR A.4.3.9-4b/77 OR A.4.3.9-4b/78 OR A.4.3.9-4b/79) OR
	(A.4.3.9-4b/34 OR A.4.3.9-4b/39 OR A.4.3.9-4b/40)) AND A.4.3.9-1/3 THEN R ELSE N/A
C019e	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1- 7a/3) AND A.4.3.2-1/140 THEN R ELSE N/A
C019f	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/41 AND A.4.3.2-1/140
	AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A
C019x	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
C019y	7a/3) AND A.4.3.9-1/1 THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
-	7a/3) AND A.4.3.11-1/2 THEN R ELSE N/A
C020	IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) THEN R ELSE N/A
C021 C021a	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 THEN R ELSE N/A IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 THEN R ELSE N/A
C021a C021b	IF A.4.1-4/1 OK A.4.1-4/2 OK A.4.1-4/3 OK A.4.1-4/3 OK A.4.1-3/2 AND A.4.1-3/2 AND A.4.3.5-1/1 THEN R ELSE N/A
C021c	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.11-1/6 THEN R ELSE N/A
C021d	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.11-1/7 THEN R ELSE N/A
C021e	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.6-1/79 THEN R ELSE N/A
C022	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 THEN R ELSE N/A
C022a	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 THEN R ELSE N/A
C022b C022e	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.6/56A THEN R ELSE N/A IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.6-1/79 THEN R ELSE N/A
C022e C022m	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.6-1/79 THEN R ELSE N/A
C022n	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND (A.4.3.2-1/130 OR A.4.3.2-1/131) THEN R ELSE N/A
C023	IF A.4.1-4/5 AND A.4.1-3/2 THEN R ELSE N/A
C023a C024	IF A.4.1-4/5 AND A.4.1-3/2 AND A.4.3.5-1/1 THEN R ELSE N/A
0024	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/1 THEN R ELSE N/A

C025	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2) AND A.4.1-3/1 THEN R ELSE N/A
C025a	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
C025b	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.5-1/1 THEN R ELSE N/A IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
00200	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND (A.4.3.11-1/1 OR A.4.3.11-1/4) THEN R ELSE N/A
C025c	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.5-1/1 AND (A.4.3.11-1/1 OR A.4.3.11-1/4) THEN R ELSE N/A
C025d	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
C025e	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.11-1/5 THEN R ELSE N/A IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
00256	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.11-1/5 THEN R ELSE N/A
C025f	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.1-2/7 AND A.4.3.6-1/61 THEN R ELSE N/A
C025g	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
0000	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.1-2/8 AND A.4.3.6-1/62 THEN R ELSE N/A
C026 C027	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND 4.3.6-1/11 THEN R ELSE N/A Void
C028	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/1 AND 4.3.6-1/11 THEN R ELSE N/A
C029	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/1 AND 4.3.2-1/9 THEN R ELSE N/A
C030	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/9 THEN R ELSE N/A
C030a	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/9 THEN R ELSE N/A
C031	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 THEN R ELSE N/A
C031a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND A.4.3.6-1/54 THEN R ELSE N/A
C031b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/3 AND A.4.1-4/7 AND A.4.3.6-1/55 THEN R ELSE N/A
C031c	IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.1-4A/6 AND A.4.3.2A.1-1/1) THEN R ELSE N/A
C032	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND (A.4.1-2/3 OR A.4.1-2/5) THEN R ELSE N/A
C033	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5)
_	AND A.4.3.2A.1-1/2 THEN R ELSE N/A
C034	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/6 THEN R ELSE N/A
C035 C036	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.6-1/6 THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5)
	AND A.4.3.2A.1-1/3 THEN R ELSE N/A
C037	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/41 THEN R ELSE N/A
C037a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/41 AND A.4.3.5-1/1 THEN R ELSE N/A
C037b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/41 AND A.4.3.5-1/1 AND A.4.3.6-
0000	1/79 THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR
C038	A.4.1-4/5) AND A.4.3.6-1/41 THEN R ELSE N/A
C038a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.3.6-1/41 AND A.4.3.5-1/1 THEN R ELSE N/A
C039	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4/5 OR A.4.1-4/7) AND
C040	A.4.1-5/1 AND A.4.3.6-1/41 THEN R ELSE N/A IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND
	A.4.3.6-1/41 THEN R ELSE N/A
C041	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6- 1/41 THEN R ELSE N/A
C041a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6- 1/41 AND A.4.3.5-1/1 THEN R ELSE N/A
C041b	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6-1/41 AND A.4.3.5-
C042	1/1 THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR
0012	A.4.1-4/5) AND A.4.3.2-1/34 AND A.4.3.6-1/41 THEN R ELSE N/A
C042a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.3.2-1/34 AND A.4.3.6-1/41 AND A.4.3.5-1/1 THEN R ELSE N/A
C042b	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND
C043	A.4.3.2-1/34 AND A.4.3.6-1/41 AND A.4.3.5-1/1 THEN R ELSE N/A IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND (A.4.3.6-1/43 OR A.4.3.6-1/44)
	THEN R ELSE N/A
C043a	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/34 AND A.4.3.6-1/41a AND A.4.3.5-1/1 THEN R ELSE N/A

C044	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/42 THEN R ELSE N/A
C045	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.3.2B.2.0-1/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) THEN R ELSE N/A
C046	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.3.2B.2.0-1/3 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 ) THEN R ELSE N/A
C047	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.3.2B.2.0-1/4 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) THEN R ELSE N/A
C048	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.3.2B.2.0-1/2 AND A.4.1-4/1 THEN R ELSE N/A
C049	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND A.4.3.2B.2.0-1/3 AND A.4.1-4/1 THEN R ELSE N/A
C050	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.1-7/3 AND A.4.3.2-1/36 THEN R ELSE N/A
C051	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-4A/5 AND A.4.3.2A.1-2/1 AND A.4.3.2-1/37 THEN R ELSE N/A
C051a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-4A/5 AND A.4.3.2A.1-2/1 AND A.4.3.2- 1/37 AND A.4.3.6-1/80 THEN R ELSE N/A
C051b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-4A/5 AND A.4.3.2A.1-2/1 AND A.4.3.2-1/127 THEN R ELSE N/A
C051c	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-4A/5 AND A.4.3.2A.1-2/1 AND A.4.3.2-1/127 AND A.4.3.6-1/80 THEN R ELSE N/A
C051d	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/5) AND A.4.3.2A.1-2/2 AND A.4.3.2-1/37 THEN R ELSE N/A
C051e	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/5) AND A.4.3.2A.1- 2/2 AND A.4.3.2-1/37 AND A.4.3.6-1/80 THEN R ELSE N/A
C051f	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/5) AND A.4.3.2A.1- 2/2 AND A.4.3.2-1/127 THEN R ELSE N/A
C051g	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/5) AND A.4.3.2A.1- 2/2 AND A.4.3.2-1/127 AND A.4.3.6-1/80 THEN R ELSE N/A
C052	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.3.11-1/1 OR A.4.3.11-1/3) THEN R ELSE N/A
C052a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.11-1/8 THEN R ELSE N/A
C052b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.11-1/6 THEN R ELSE N/A
C052c	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.11-1/7 THEN R ELSE N/A
C053	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-2/1 THEN R ELSE N/A
C054	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-2/2 THEN R ELSE N/A
C055	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-2/3 THEN R ELSE N/A
C056	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-2/4 THEN R ELSE N/A
C057	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-2/5 THEN R ELSE N/A
C058	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-2/6 THEN R ELSE N/A
C059	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4) AND A.4.3.2A.1-2/7 THEN R ELSE N/A
C060	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/14 THEN R ELSE N/A
C061	IF A.4.1-1/2 AND A.4.1-2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) THEN R ELSE N/A
C061a	IF A.4.1-1/2 AND A.4.1-2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-1 THEN R ELSE N/A
C061b	IF A.4.1-1/2 AND A.4.1-2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-2 THEN R ELSE N/A
C062c	IF A.4.1-1/2 AND A.4.1.2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.9-1/1 THEN R ELSE N/A
C063	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND (A.4.1-4/3 OR A.4.1-4/2) AND A.4.3.2B.2.0-1A/2 THEN R ELSE N/A
C064	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND (A.4.1-4/3 OR A.4.1-4/2) AND A.4.3.2B.2.0-1A/3 THEN R ELSE N/A
C064a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND (A.4.1-4/3 OR A.4.1-4/2) AND A.4.3.2B.2.0-1A/4 THEN R ELSE N/A
C064b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 AND (A.4.1-4/3 OR A.4.1-4/2) AND A.4.3.2B.2.0-1A/5 THEN R ELSE N/A
C065	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND (A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A
C065a	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND (A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2A.1-1/1 THEN R ELSE N/A

C065b	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND (A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-
	1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) THEN R ELSE N/A
C065c	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND (A.4.3.2-1/42b OR A.4.3.2-1/43b) THEN R ELSE N/A
C065d	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND (A.4.3.2-1/24B OR A.4.3.2-1/24C) AND A.4.3.2A.1-1/1 THEN R ELSE N/A
C066	IF A.4.1-2/7 AND A.4.1-3/1 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR
0000	A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND (A.4.3.2-1/42 OR A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A
C066a	IF A.4.1-2/7 AND A.4.1-3/1 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR
00000	A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2A.1-1/1 THEN R ELSE
	N/A
C066b	IF A.4.1-2/7 AND A.4.1-3/1 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR
	A.4.3.2-1/43a OR A.4.3.2-1/44a)) THEN R ELSE N/A
C066c	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/2 AND (A.4.3.2-1/42b OR A.4.3.2-1/43b) THEN R ELSE N/A
C066d	IF A.4.1-2/7 AND A.4.1-3/1 AND (A.4.3.2-1/24B OR A.4.3.2-1/24C) AND A.4.3.2A.1-1/1 THEN R ELSE N/A
C066e	IF A.4.1-2/7 AND A.4.1-3/1 AND (A.4.3.2-1/24B OR A.4.3.2-1/24C) AND A.4.3.2A.1-1/2 THEN R ELSE N/A
C067	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND
	A.4.1-3/2 THEN R ELSE N/A
C068	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND [10] A.4.6-1/1 AND A.4.1-3/2 THEN R ELSE
	N/A
C069	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.6-1/6 THEN R ELSE N/A
C070	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/41 AND NOT A.4.3.1-
C074	7a/2 THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/41 AND NOT A.4.3.1-
C071	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/41 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A
C072	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/41 AND (NOT A.4.3.9-
0072	1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A
C073	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/41 AND A.4.3.1-7a/3
0070	THEN R ELSE N/A
C074	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/39 AND A.4.3.2-1/40
	AND NOT A.4.3.1-7a/2 THEN R ELSE N/A
C075	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/39 AND A.4.3.2-1/40
	AND NOT A.4.3.1-7a/3 THEN R ELSE N/A
C076	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/39 AND A.4.3.2-1/40
	AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A
C077	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/39 AND A.4.3.2-1/40
0.070	AND A.4.3.1-7a/3 THEN R ELSE N/A
C078	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-2/3 OR A.4.1-2/5) AND A.4.1-4A/1
C079	AND A.4.3.2A.1-1/1 THEN R ELSE N/A IF A.4.1-1/3 AND A.4.1-2/7 THEN R ELSE N/A
C079 C079a	IF A.4.1-1/3 AND A.4.1-2/7 THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-1/3 AND A.4.1-2/7 THEN R ELSE N/A
C079a C079b	IF A.4.1-1/3 AND A.4.1-2/7 AND A.4.3.10-1/25 THEN R ELSE N/A
C080	IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 THEN R ELSE N/A
C080a	IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.3.5-1/1 THEN R ELSE N/A
C081	IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/5) AND (A.4.3.6-1/46 OR A.4.3.6-1/47) THEN
	R ELSE N/A
C081a	IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-3/2 OR A.4.1-3/5) AND ([10]A.4.4-1a/5 OR [10]A.4.4-1b/5)
	AND (A.4.3.6-1/46 OR A.4.3.6-1/47) THEN R ELSE N/A
C082	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/63 AND A.4.3.2-1/65
	THEN R ELSE N/A
C082a	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/63 AND A.4.3.2-1/65
0000	AND A.4.3.5-1/1 THEN R ELSE N/A
C082b	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/63 AND A.4.3.2-1/65
0000	AND A.4.3.2-1/139 THEN R ELSE N/A IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.6-1/41 AND A.4.3.2-1/64
C083	
C083a	AND A.4.3.2-1/65 THEN R ELSE N/A IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.6-1/41 AND A.4.3.2-1/64
00004	AND A.4.3.2-1/65 AND A.4.3.5-1/1 THEN R ELSE N/A
C084	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/63 AND A.4.3.2-1/65 THEN R
	ELSE N/A
C084a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/63 AND A.4.3.2-1/65 AND A.4.3.5-
	1/1THEN R ELSE N/A
C085	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.2-
	1/65 THEN R ELSE N/A
C085a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.2-
	1/65 AND A.4.3.5-1/1 THEN R ELSE N/A
C085b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.2-
	1/65 AND A.4.3.5-1/1 AND A.4.3.2-1/139 THEN R ELSE N/A

C086	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
000	(A.4.1-1/2  AND  [10]A.4.1-1/1)  OR  (A.4.1-1/1  AND  [10]A.4.1-1/2)  OR  (A.4.1-1/2  AND  [10]A.4.1-1/1)  OR  (A.4.1-1/2  AND  [10]A.4.1-1/2)  OR  (A.4.1-1/2)  OR  (A.4.1-1
C086a	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-2/7 AND A.4.3.5-1/1 THEN R ELSE N/A
C087	Void
C088	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2 AND A.4.3.5-
0000	1/1 AND A.4.3.5-1/5 THEN R ELSE N/A
C089	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
C090	7a/2) AND A.4.3.5-1/1 AND A.4.3.5-1/5 THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3 AND A.4.3.5-
0030	1/1 AND A.4.3.5-1/5 THEN R ELSE N/A
C091	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
	7a/3) AND A.4.3.5-1/1 AND A.4.3.5-1/5 THEN R ELSE N/A
C092	IF A.4.1-1/2 AND A.4.1-2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.5-1/1 AND
	A.4.3.5-1/5 THEN R ELSE N/A
C093	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/45 THEN R ELSE N/A
C094	IF ((A.4.1-1/1 AND A.4.1-1/1) OR (A.4.1-1/1 AND A.4.1-1/2) OR (A.4.1-1/2 AND A.4.1-1/1) OR (A.4.1-1/2
C095	AND A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.6-1/45 THEN R ELSE N/A IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.6-1/45 THEN R ELSE N/A
C095 C095a	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.6-1/45 THEN R ELSE N/A IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.6-1/54 AND A.4.3.7-1/19 AND A.4.4-1/16 THEN R
009Ja	ELSE N/A
C096	IF ((A.4.1-1/1 OR A.4.1-1/2) AND [10] A.4.1-1/3) THEN R ELSE N/A
C097	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.3.5-1/1 AND (A.4.3.11-1/1 OR
	A.4.3.11-1/3) THEN R ELSE N/A
C098	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.5-1/1 AND (A.4.3.11-1/1 OR A.4.3.11-1/1 OR A.
C099	1/3) THEN R ELSE N/A THEN R ELSE N/A IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.11-1/2 AND NOT A.4.3.1-
C099	7a/2 THEN R ELSE N/A
C100	IF A.4.1-1/3 AND A.4.1-2/7 AND A.4.3.10-1/3 THEN R ELSE N/A
C101	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.8-1/9 THEN R ELSE N/A
C102	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.8-1/16 THEN R ELSE N/A
C103	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.8-1/15 AND A.4.3.8-
<u></u>	1/18 THEN R ELSE N/A
C104	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.8-1/17 AND A.4.3.8- 1/18 THEN R ELSE N/A
C105	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.8-1/11 THEN R ELSE N/A
C106	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.8-1/11 THEN R ELSE N/A
C107	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.8-1/15 THEN R ELSE N/A
C108	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.8-1/17 THEN R ELSE N/A
C109	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.8-1/15 AND A.4.3.8-1/18 THEN R
	ELSE N/A
C110	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.8-1/17 AND A.4.3.8-1/18 THEN R
0444	ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/31 AND A.4.3.2-1/57 THEN R
C111	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/31 AND A.4.3.2-1/57 THEN R ELSE N/A
C112	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/31 AND A.4.3.2-1/57 AND (A.4.1-
0112	2/3 OR A.4.1-2/5) THEN R ELSE N/A
C113	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/53 AND A.4.3.2-1/56
	AND NOT A.4.3.1-7a/2 THEN R ELSE N/A
C113a	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/53 AND A.4.3.2-1/56
	AND NOT A.4.3.1-7a/3 THEN R ELSE N/A
C113b	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/53 AND A.4.3.2-1/56
C113c	AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/53 AND A.4.3.2-1/56
51100	AND A.4.3.1-7a/3 THEN R ELSE N/A
	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56
C114	
C114	AND NOT A.4.3.1-7a/2 THEN R ELSE N/A
	AND NOT A.4.3.1-7a/2 THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56
C114 C114a	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A
	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56
C114a C114b	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A
C114a	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56
C114a C114b	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/54 AND A.4.3.2-1/56 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A

<ul> <li>AND NOT A.4.3.1-7a/3 THEN R ELSE IV/A</li> <li>C115b IF A.4.1-1/1 AND (A.4.1-3/10 R A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/55 AND A.4.3.2-1/56 AND (NOT A.4.3.9-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/56 AND A.4.3.2-1/56 AND A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C116 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C117 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C118 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C119 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C120 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C121 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C121 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C121 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C121 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C122 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C123 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C124 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C124 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3</li></ul>	01:-	
<ul> <li>C115b IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/6) AND A.4.3.2-1/55 AND A.4.3.2-1/55 AND A.4.3.2-1/55 AND A.4.3.2-1/57 AND (A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/6) AND A.4.3.2-1/67 AND O.A.4.3.2-1/57 AND (A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/6) AND A.4.3.2-1/67 AND NOT A.4.3.1-7/a/2 THEN R ELSE N/A</li> <li>C116 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/6) AND A.4.3.2-1/61 AND NOT A.4.3.1-7/a/2 THEN R ELSE N/A</li> <li>C117 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/6) AND A.4.3.2-1/61 AND NOT A.4.3.1-7/a/2 THEN R ELSE N/A</li> <li>C118 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/6) AND A.4.3.2-1/61 AND NOT A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>C119 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/61 AND A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>C120 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/62 AND NOT A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>C121 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/62 AND NOT A.4.3.1-7/a/2 THEN R ELSE N/A</li> <li>C122 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/62 AND NOT A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>C123 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/12 AND A.4.3.2-1/3/3 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/3 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/2 AND A.4.3.2-1/3/3 AND A.4.3.2-1/3/3 AND A.4.3.2-1/3/3 AND A.4.3.2-1/3/3 AND A.4.3.2-1/3/3 AND A</li></ul>	C115a	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/55 AND A.4.3.2-1/56 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A
<ul> <li>C115c. IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.3.2-1/55 AND A.4.3.2-1/56 AND A.4.3.1-7/3/3</li> <li>C116 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1-7/3/3</li> <li>THEN R ELSE N/A</li> <li>C117 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1-7/3/3</li> <li>THEN R ELSE N/A</li> <li>C118 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND (NOT A.4.3.1-7/3/3)</li> <li>THEN R ELSE N/A</li> <li>C119 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND A.4.3.1-7/3/3</li> <li>THEN R ELSE N/A</li> <li>C120 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7/3/3</li> <li>THEN R ELSE N/A</li> <li>C121 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7/3/3</li> <li>AND NOT A.4.3.1-7/3/3 THEN R ELSE N/A</li> <li>C122 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7/3/3 THEN R ELSE N/A</li> <li>C123 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7/3/3 THEN R ELSE N/A</li> <li>C124 IF A.4.1-1/2 AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7/3/3 THEN R ELSE N/A</li> <li>C125 IF A.4.1-1/2 AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7/3/3 THEN R ELSE N/A</li> <li>C126 IF A.4.1-1/2 AND (A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.3.2-1/72 AND A.4.3.2-1/73 AND A.4.3.2-1/72 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.3.2-1/72 AND A.4.3.2-1/73 AND A.4.3.2-1/72 AND A.4.3.2-1/74 AND (NOT A.4.3.1-7/32 AND A.4.3.2-1/74 AND (A.4.3.1-7/32) AND A.4.3.2-1/72 AND A.4.3.2-1/</li></ul>	C115b	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/55 AND A.4.3.2-1/56
<ul> <li>C116 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1- 7/a/3 THEN R ELSE N/A</li> <li>C117 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1- 7/a/3 THEN R ELSE N/A</li> <li>C118 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>C120 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/2 AND A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>C121 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/61 AND A.4.3.2-1/3/3 AND NOT A.4.3.1-7/a/2 THEN R ELSE N/A</li> <li>C121 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7/a/2 THEN R ELSE N/A</li> <li>C122 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7/a/2 THEN R ELSE N/A</li> <li>C123 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/6) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7/a/3 THEN R ELSE N/A</li> <li>C124 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/6) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7/a/3 THEN R ELSE N/A</li> <li>C125 IF A.4.1-1/2 AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/12 AND A.4.3.2-1/3 AND NOT A.4.3.3-17/a/3 THEN R ELSE N/A</li> <li>C126 IF A.4.1-1/2 AND (A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/12 AND A.4.3.2-1/3 AND A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>C127 IF A.4.1-1/2 AND A.4.1-2/2 AND A.4.1-3/3 OR A.4.1-3/3 AND A.4.3.2-1/12 AND A.4.3.2-1/3 AND A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>C127 IF A.4.1-1/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.3.2-1/76 AND (NOT A.4.3.1- 1/2 AND A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>C127 IF A.4.1-11/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.3.2-1/76 AND (NOT A.4.3.1- 1/2 A</li></ul>	C115c	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/55 AND A.4.3.2-1/56
<ul> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1- 7/a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/61 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7/a/2 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/6) AND A.4.3.2-1/61 AND A.4.3.2-1/3/ THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3/ AND NOT A.4.3.1-7/a/2 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3/ AND NOT A.4.3.1-7/a/2 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3/ AND NOT A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3/ AND NOT A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3/ AND NOT A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>IF IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3/ AND (NOT A.4.3.1-7/a/3 THEN R ELSE N/A</li> <li>IF IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.22-1/3/ AND A.4.3.2-1/3/ THEN R ELSE N/A</li> <li>IF IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.22-1/3/ AND A.4.3.2-1/3/ THEN R ELSE N/A</li> <li>IF IF A.4.1-1/2 AND A.4.1-2/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.</li></ul>	C116	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1-
<ul> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND (NOT A.4.3.9-1/2 THEIN R.ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND A.4.3.2-1/3/ THEN R.ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7/a/2 THEN R.ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7/a/2 THEN R.ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7/a/2 THEN R.ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7/a/3 THEN R.ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7/a/3 THEN R.ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R.ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R.ELSE N/A</li> <li>IF IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND (NOT A.4.3.9-1/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) and A.4.3.2-1/37 IHEN R.ELSE N/A</li> <li>IF IF A.4.1-1/2 ND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.3.2-1/37 IHEN R.ELSE N/A</li> <li>IF IF A.4.1-1/2 AND (A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.3.2-1/67 AND NOT A.4.3.9-1/2 AND (A.4.3.2-1/37 IHEN R.ELSE N/A</li> <li>IF IF A.4.1-1/1 AND A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5 ON A.4.3.2-1/67 AND NOT A.4.3.9-1/2 AND A.4.3.2-1/37 IHEN R.ELSE N/A</li> <li>IF IF IF IF R.ELSE N/A</li> <li>IF IF IF IF R R.ELSE</li></ul>	C117	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND NOT A.4.3.1-
<ul> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND A.4.3.1-7a/3</li> <li>THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7a/3</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7a/3</li> <li>THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7a/3</li> <li>THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7a/3</li> <li>THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1-7a/3</li> <li>THEN R ELSE N/A</li> <li>IF IA.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39</li> <li>AND (NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF IA.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3</li> <li>AND A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF IA.4.1-1/2 AND (A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) and A.4.3.2-1/3 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) and A.4.3.2-1/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2.1-1/2 AND (NOT A.4.3.9-1/2 AND (NOT A.4.3.9-1/67 AND NOT A.4.3.1-1/2 AND (NOT A.4.3.9-1/67 AND NOT A.4.3.1-1/2 AND (NOT A.4.3.9-1/67 AND NOT A.4.3.1-1/2 AND (NOT A.4.3.9-1/77 AND A.4.3.2-1/67 AND NOT A.4.3.1-1/2 AND (NOT A.4.3.9-1/74 AND A.4.3.2-1/67 AND NOT A.4.3.1-1/2 AND (NOT A.4.3.9-1/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.3.2-1/67 AND NOT</li></ul>	C118	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND (NOT A.4.3.9-
<ul> <li>AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 G A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.2-1/39 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/2 AND A.4.3.2-1/39 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/2 AND A.4.3.2-1/39 AND (NOT A.4.3)-172 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND (NOT A.4.3)-172 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND (NOT A.4.3) THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) and A.4.3.2-1/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND A.4.1-2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) and A.4.3.2-1/3 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/2 AND (A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7/2 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7/2 THEN R EL</li></ul>	C119	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/61 AND A.4.3.1-7a/3
<ul> <li>7a/2 THEN R ELSE N/A</li> <li>7a/2 THEN R ELSE N/A</li> <li>7a/2 THEN R ELSE N/A</li> <li>7a/3 THEN R ELSE N/A</li> <li>7a/2 AND A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39</li> <li>AND A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>7a/2 AND A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>7a/2 AND A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>7a/2 AND A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>7a/2 AND A.4.1-3/3 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3 THEN R ELSE N/A</li> <li>7a/2 FLA.4.1-1/1 OR A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/3 THEN R ELSE N/A</li> <li>7a/2 FLA 4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/3 THEN R ELSE N/A</li> <li>7a/2 THEN R ELSE N/A</li> <li>7a/3 THEN R ELSE N/A</li> <li>7a/4 THAN DA 4.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2.1-1/1 AND A.4.3.1-1/2</li> <li>7a/2 THEN R ELSE N/A</li> <li>7a/2 THEN R ELSE N/A</li> <li>7a/3 THEN R ELSE N/A</li></ul>	C120	
<ul> <li>AND NOT A.4.3.1<sup>-</sup><i>Ta</i>/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- <i>Ta</i>/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3 AND (NOT A.4.3.2-1/3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-1/1 AND A.4.3.9-1/2 AND (NOT A.4.3.9-1/2 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-1/1 AND A.4.3.11-1/2 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) OR (NOT A.4.3.9-1/2 AND A.4.3.2-1/67 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-</li></ul>	C121	
<ul> <li>Ta'3 THEN R ELSE IVA</li> <li>TA 1-1/1 XND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND (NOT A.4.3.9-1/2 AND A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 AND A.4.3.1-73/3 THEN R ELSE IVA</li> <li>F A.4.1-1/2 AND A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/37 HEN R ELSE IVA</li> <li>F A.4.1-1/2 AND A.4.1-2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) and A.4.3.2-1/37 THEN R ELSE IVA</li> <li>F (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) and A.4.3.2-1/3 THEN R ELSE IVA</li> <li>F (A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE IVA</li> <li>F A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE IVA</li> <li>F A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-1/1 AND A.4.3.11-1/2 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) OR (NOT A.4.3.9-1/2 AND A.4.3.2A.1-1/1 AND A.4.3.11-1/2 AND (NOT A.4.3.9-1/2 AND A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7a/3 THEN R ELSE IVA</li> <li>F A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7a/3 THEN R ELSE IVA</li> <li>F A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/2) THEN R ELSE IVA</li> <li>F A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND (A.4.3.1-7a/2) THEN R ELSE IVA</li> <li>F A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND (A.4.3.1-7a/2) THEN R ELSE IVA</li> <li>F A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/76 THEN R ELSE IVA</li> <li>F (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AN</li></ul>	C122	AND NOT A.4.3.1-7a/3 THEN R ELSE N/A
<ul> <li>AND (NOT A 4.3.9-1/2 AND (A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/3 THEN R ELSE IV/A</li> <li>C126a IF A.4.1.1/2 AND A.4.1.2/8 AND (A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) and A.4.3.2-1/3 THEN R ELSE IV/A</li> <li>C126a IF (A.4.1.1/1 OR A.4.1.1/2) AND A.4.1-2/7 AND A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) and A.4.3.2E.1/3 THEN R ELSE IV/A</li> <li>C127a IF A.4.1.1/1 AND (A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2E.1/2 AND A.4.3.2T A/3 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2E.1/2 AND A.4.3.2T A/3 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2E.1/4 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE IV/A</li> <li>C127a IF A.4.1.1/1 AND (A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2A.1.1/1 AND A.4.3.11-1/2 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) OR (NOT A.4.3.9-1/2 AND A.4.3.2E.1/67 AND NOT A.4.3.1-7a/2) THEN R ELSE IV/A</li> <li>C128 IF A.4.1.1/1 AND (A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2E.1/67 AND NOT A.4.3.1-7a/3 THEN R ELSE IV/A</li> <li>C129 IF A.4.1.1/1 AND (A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2E.1/67 AND NOT A.4.3.1-7a/3 THEN R ELSE IV/A</li> <li>C130 IF A.4.1.1/1 AND (A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2E.1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE IV/A</li> <li>C130 IF A.4.1.1/1 AND (A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2E.1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE IV/A</li> <li>C131 IF A.4.1.1/1 AND (A.4.1.3/1 OR A.4.1.3/2 OR A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2E.1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE IV/A</li> <li>C132 IF (A.4.1.4/1 OR A.4.1.1/2) AND A.4.1.2/7 AND A.4.1.3/3 OR A.4.1.3/5) AND A.4.3.2E.1/76 THEN R ELSE IV/A</li> <li>C133 IF (A.4.1.4/1 OR A.4.1.1/2) AND A.4.1.2/7 AND A.4.1.3/2 AND A.4.3.2E.1/71 AND A.4.3.2E.1/76</li></ul>	C123	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A
<ul> <li>AND A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) and A.4.3.2-1/3 THEN R ELSE N/A</li> <li>C126a IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.1-3/3 OR A.4.1-3/5) and A.4.3.2.B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE N/A</li> <li>C127 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE N/A</li> <li>C127 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2B.2.0-2A/1 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>C127 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-1/1 AND A.4.3.11-1/2 AND (A.4.3.1) TOR A.4.3.22 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-1/1 AND A.4.3.11-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR (A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.22-1/67 AND NOT A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-1/7</li></ul>	C124	AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A
R         ELSE N/A           C126a         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.1-4/3 AND A.4.3.2B.2.0-2A/1 AND A.4.3.2-1/37 THEN R ELSE N/A           C127         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2H.2.0-2A/1 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A           C127a         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2H.1-1/1 AND (A.4.3.1-1/2) AND A.4.3.1-7a/2) THEN R ELSE N/A           C127a         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-1/1 AND A.4.3.11-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C128         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C130         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A           C131         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A           C131         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A           C131         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.1-3/1 AND A.4.3.2-1/7 AND A.4.3.2-1/76 THEN R ELSE N/A           C132         IF (A.4.1-4/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/76 THEN R	C125	AND A.4.3.1-7a/3 THEN R ELSE N/A
<ul> <li>A.4.3.2-1/37 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.11-1/2 AND (NOT A.4.3.9-1/2 AND A.4.3.17-a/2) THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-1/1 AND A.4.3.11-1/2 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) OR (NOT A.4.3.9-1/2 AND A.4.3.2-1.7a/3) THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1.767 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> &lt;</ul>	C126	R ELSE N/A
<ul> <li>1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>C127a IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2A.1-1/1 AND A.4.3.11-1/2 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) OR (NOT A.4.3.9-1/2 AND A.4.3.2A.1-7a/3) THEN R ELSE N/A</li> <li>C128 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A</li> <li>C129 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C130 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>C131 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>C131 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>C132 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A</li> <li>C133 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C134 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C135 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C136 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C137 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C138 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C139 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C139 IF (A.4.1-1/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C140</li></ul>	C126a	A.4.3.2-1/37 THEN R ELSE N/A
<ul> <li>AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) OR (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A</li> <li>IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-1/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>IF (A.4.1-1/2 OR D.A.4.1-2/8 AND A.4.</li></ul>	C127	1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A
<ul> <li>7a/2 THEN R ELSE N/A</li> <li>C129 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A</li> <li>C130 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>C131 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>C132 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A</li> <li>C133 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A THEN R ELSE N/A</li> <li>C134 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A THEN R ELSE N/A</li> <li>C134 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A THEN R ELSE N/A</li> <li>C135 IF (A.4.1-4/1 OR A.4.1-1/2 OR A.4.1-2/3 AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C136 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C136 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A</li> <li>C136 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A</li> <li>C136 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A</li> <li>C138 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A</li> <li>C139 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A</li> <li>C1410 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C1410 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A<td>C127a</td><td>AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) OR (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</td></li></ul>	C127a	AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) OR (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A
<ul> <li>7a/3 THEN R ELSE N/A</li> <li>C130 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A</li> <li>C131 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A</li> <li>C132 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C133 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A</li> <li>C134 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A</li> <li>C135 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A</li> <li>C136 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C137 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C138 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A</li> <li>C139 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A</li> <li>C139 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A</li> <li>C139 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C140 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C141 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C141 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/</li></ul>		7a/2 THEN R ELSE N/A
1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A           C131         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/67 AND (NOT A.4.3.9- 1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A           C132         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A           C133         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A           C134         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A THEN R ELSE N/A           C134         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A           C135         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C136         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A           C137         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A           C138         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C138         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C139         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 THEN R ELSE N/A           C140         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 THEN R ELSE N/A	C129	7a/3 THEN R ELSE N/A
1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A         C132       IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A THEN R ELSE N/A         C133       IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A         C134       IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A THEN R ELSE N/A         C135       IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C135       IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C136       IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A         C137       IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A         C138       IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C139       IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C140       IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C141       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C1411       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C1411       IF	C130	1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A
ELSE N/A THEN R ELSE N/A           C133         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A           C134         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A THEN R ELSE N/A THEN R ELSE N/A           C135         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A THEN R ELSE N/A           C136         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C136         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/73 THEN R ELSE N/A           C137         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A           C138         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C139         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C140         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C1411         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C1421         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.	C131	1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A
ELSE N/A           C134         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A THEN R ELSE N/A           C135         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C136         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/73 THEN R ELSE N/A           C137         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/73 THEN R ELSE N/A           C138         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C139         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C140         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C141a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C141b         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C142         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/73 THEN R ELSE N/A	C132	ELSE N/A THEN R ELSE N/A
ELSE N/A THEN R ELSE N/A           C135         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C136         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/73 THEN R ELSE N/A           C137         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/73 THEN R ELSE N/A           C138         IF A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C138         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A           C140         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C141a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C142         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/74 THEN R ELSE N/A	C133	ELSE N/A
N/A           C136         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/73 THEN R ELSE N/A           C137         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A           C138         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C139         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A           C140         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A           C141         IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C141a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C142         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/73 THEN R ELSE N/A           C142         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE N/A           C142a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR	C134	ELSE N/A THEN R ELSE N/A
<ul> <li>C137 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A</li> <li>C138 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C139 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A</li> <li>C140 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A</li> <li>C141 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C141a IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C141b IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A</li> <li>C142 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/74 THEN R ELSE N/A</li> <li>C142 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/74 THEN R ELSE N/A</li> <li>C142 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE N/A</li> <li>C142 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE N/A</li> <li>C142 IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE N/A</li> </ul>	C135	N/A
C138       IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C139       IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A         C140       IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A         C141       IF (A.4.1-1/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A         C141       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C141a       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A         C141b       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2- 1/76 THEN R ELSE N/A         C142       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2- 1/76 THEN R ELSE N/A         C142       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2- 1/76 THEN R ELSE N/A         C142       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2- 1/76 THEN R ELSE N/A         C142       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2- 1/74 THEN R ELSE N/A         C142a       IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2- 1/74 THEN R ELSE	C136 C137	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE
C140         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A           C141         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C141a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C141b         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2- 1/76 THEN R ELSE N/A           C142         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/73 AND A.4.3.2-1/73 THEN R ELSE N/A           C142a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE           C142a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE	C138	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A
C141         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C141a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C141b         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2- 1/76 THEN R ELSE N/A           C142         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-1/73 THEN R ELSE N/A           C142a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE           C142a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE	C139	
AND A.4.3.2-1/76 THEN R ELSE N/A           C141a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A           C141b         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2- 1/76 THEN R ELSE N/A           C142         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/73 THEN R ELSE N/A           C142a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE		
AND A.4.3.2-1/76 THEN R ELSE N/A           C141b         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2- 1/76 THEN R ELSE N/A           C142         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/73 THEN R ELSE N/A           C142a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE		AND A.4.3.2-1/76 THEN R ELSE N/A
1/76 THEN R ELSE N/A           C142         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/73 THEN R ELSE N/A           C142a         IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE		AND A.4.3.2-1/76 THEN R ELSE N/A
AND A.4.3.2-1/73 THEN R ELSE N/A C142a IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/74 THEN R ELSE		1/76 THEN R ELSE N/A
		AND A.4.3.2-1/73 THEN R ELSE N/A
	C142a	

C143	IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A
C143a	IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/71 AND A.4.3.2-
	1/75 THEN R ELSE N/A
C144	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.2-1/71 AND A.4.3.2- 1/76 THEN R ELSE N/A
C144a	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/76 THEN R ELSE N/A
C145	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/74 THEN R ELSE N/A
C145a	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.2-1/73 THEN R ELSE N/A
C146	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/71 AND A.4.3.2-1/72 THEN R ELSE N/A
C146a	IF A.4.1-1/1 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.2-1/71 AND A.4.3.2-1/75 THEN R ELSE N/A
C147	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/64 AND A.4.3.2-1/77 THEN R ELSE N/A
C148	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.2-1/64 AND A.4.3.2-1/77 THEN R ELSE N/A
C148a	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.2-1/64 AND A.4.3.2-1/77 AND A.4.3.2-1/139 THEN R ELSE N/A
C149	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/64 AND A.4.3.2-1/77 THEN R ELSE N/A
C150	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/64 AND A.4.3.2-1/77 THEN R ELSE N/A
C151	Void
C152	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/56 AND A.4.3.2-1/78 AND A.4.3.1-7a/1 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A
C152a	IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/56 AND
	A.4.3.2-1/78 AND A.4.3.2A.1-1/1 AND A.4.3.1-7a/1 AND NOT A.4.3.1-7a/2 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A
C152b	IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/56 AND
	A.4.3.2-1/78 AND A.4.3.11-1/2 AND A.4.3.1-7a/1 AND NOT A.4.3.1-7a/2 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A
C153	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/56 AND A.4.3.2-1/78 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A
C154	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/56 AND A.4.3.2-1/78 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A
C154a	IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/56 AND
	A.4.3.2-1/78 AND A.4.3.2A.1-1/1 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) OR (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A
C155	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/56 AND A.4.3.2-1/78 AND A.4.3.1-7a/3 THEN R ELSE N/A
C156	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/79 AND NOT A.4.3.2-1/84 THEN R ELSE N/A
C157	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/46 THEN R ELSE N/A
C158	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/46 THEN R ELSE N/A
C159	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/46THEN R ELSE N/A
C160	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/46 THEN R ELSE N/A
C161	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.6-1/41a THEN R ELSE N/A
C162	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.6-1/41a AND A.4.3.5-1/1 THEN R ELSE N/A
C162a	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.6-1/41a AND A.4.3.5-1/1 AND A.4.3.2-1/139 THEN R ELSE N/A
C163	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A
C164	IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1) AND A.4.3.6-1/41a THEN R ELSE N/A
C165	IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1) AND A.4.3.6-1/41a AND A.4.3.5-1/1 THEN R ELSE N/A
C166	IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1) AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A
C167	IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1) AND A.4.3.6-1/41a AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A
C168	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/42 THEN R ELSE N/A
C169	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A
C170	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/62 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A
C171	IF A.4.1-1/2 AND A.4.1.2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/12 AND A.4.3.2-1/39 THEN R ELSE N/A
C172	IF A.4.1-1/2 AND A.4.1.2/8 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/6 THEN R ELSE N/A
C173	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2- 1/77 THEN R ELSE N/A

C174	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.2-1/64 AND A.4.3.2-
	1/65 AND A.4.3.2-1/77 THEN R ELSE N/A
C175	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/77 THEN R ELSE N/A
C175a	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/77 AND A.4.3.2-1/139 THEN R ELSE N/A
C176	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/77 THEN R ELSE N/A
C177	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 THEN R ELSE N/A
C177a	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C177b	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C177c	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C177d	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C178	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-2/3 OR A.4.1-2/5) AND A.4.3.2-1/37 THEN R ELSE N/A
C178a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-2/3 OR A.4.1-2/5) AND A.4.3.2-1/127
0.1.00	THEN R ELSE N/A
C178b	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-2/3 OR A.4.1-2/5) AND A.4.1-4A/1 AND A.4.3.2-1/37 THEN R ELSE N/A
C178c	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-2/3 OR A.4.1-2/5) AND A.4.1-4A/1 AND A.4.3.2-1/127 THEN R ELSE N/A
C179	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-2/3 OR A.4.1-2/5) AND (A.4.3.2-1/14) THEN R ELSE N/A
C179a	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-2/3 OR A.4.1-2/5) AND A.4.3.2-1/14 THEN R ELSE N/A
C180	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 THEN R ELSE N/A
C181	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C182	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C183	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C183a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 AND A.4.3.6- 1/20 THEN R ELSE N/A
C184	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C184a	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.6- 1/20 THEN R ELSE N/A
C185	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/1 AND 4.3.2-1/9 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C186	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/1 AND 4.3.2-1/9 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C187	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/46 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C188	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/46 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C189	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.12-1/2 AND A.4.3.1- 7a/4 THEN R ELSE N/A
C190	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.12-1/2 AND A.4.3.1- 7a/1 THEN R ELSE N/A
C191	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/63 AND A.4.3.2-1/65 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C192	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/63 AND A.4.3.2-1/65 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C193	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6- 1/41 AND A.4.3.5-1/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C194	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6- 1/41 AND A.4.3.5-1/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C195	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6-1/41 AND A.4.3.5- 1/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C196	IF A.4.1-1/1 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6-1/41 AND A.4.3.5- 1/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C197	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 THEN R ELSE N/A
C198	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.12-1/2 THEN R ELSE N/A
C199	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.12-1/2 THEN R ELSE N/A

C200	IF (A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/2) AND A.4.3.2-1/104 THEN R ELSE N/A
C201	IF (A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND NOT A.4.3.1-7a/3) AND
C202	A.4.3.2-1/105 THEN R ELSE N/A IF (A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1-
	7a/2)) AND A.4.3.2-1/106 THEN R ELSE N/A
C203	IF (A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND (NOT A.4.3.9-1/2 AND A.4.3.1- 7a/3) AND A.4.3.2-1/107 THEN R ELSE N/A
C204	IF (A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7) OR ((A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5)
0204	AND A.4.3.2-2/2 AND A.4.3.2-2/6 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3)) AND A.4.1-1/2 AND (A.4.3.2-
	2/8 OR A.4.3.2-2/9) AND A.4.3.1-7a/1 THEN R ELSE N/A
C205	IF (A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7) OR ((A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5)
	AND A.4.3.2-2/2 AND A.4.3.2-2/6 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3)) AND A.4.1-1/2 AND (A.4.3.2-
C206	2/8 OR A.4.3.2-2/9) AND A.4.3.1-7a/3 THEN R ELSE N/A IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
0200	A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OK A.4.1-4/2 OK A.4.1-4/3) AND A.4.3.2-2/2 AND A.4.3.2-2/10 AND A.4.3.2-2/10 AND A.4.3.2-2/10 OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND
	A.4.3.2-2/0 AND ((A.4.3.2-2/0 AND A.4.3.2-2/10 AND A.4.3.2-2/12) OK (A.4.3.2-2/3 AND A.4.3.2-2/1 AND A.4.3.2-2/13) THEN R ELSE N/A
C206a	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
	A.4.3.2-2/6 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND
0.0.0.1	A.4.3.2-2/13)) AND A.4.3.5-1/1 THEN R ELSE N/A
C206b	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND A.4.3.2-2/6 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND
	A.4.3.2-2/10 AND ((A.4.3.2-2/10 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/15)) THEN R ELSE N/A
C206c	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
02000	A.4.3.2-2/6 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND
	A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/15)) AND A.4.3.5-1/1 THEN R ELSE N/A
C206d	IF A.4.1-2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-
0000-	2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) THEN R ELSE N/A
C206e	IF A.4.1-2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND A.4.3.5-1/1 THEN R ELSE N/A
C206f	IF A.4.1-2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-
0_000	2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND A.4.3.2-2/19 THEN R ELSE N/A
C207	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
	A.4.3.2-2/6 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a
0007-	OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A
C207a	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND A.4.3.2-2/6 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a
	OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2A.1-1/1 THEN R
	ELSE N/A
C207b	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
	A.4.3.2-2/6 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a
C207c	OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
02070	A.4.3.2-2/6 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) THEN R ELSE N/A
C207d	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
	A.4.3.2-2/6 AND (A.4.3.2-2/10 OR A.4.3.2-2/11) THEN R ELSE N/A
C207e	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
C207f	A.4.3.2-2/6 AND (A.4.3.2-2/10 OR A.4.3.2-2/11) AND A.4.3.5-1/1 THEN R ELSE N/A IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
02071	A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OK A.4.1-4/2 OK A.4.1-4/3) AND A.4.3.2-2/2 AND A.4.3.2-2/10 OK A.4.3.2-2/10 OK A.4.3.2-2/11) AND A.4.3.2-2/20 THEN R ELSE N/A
C207g	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.3.2-2/2 AND
0	A.4.3.2-2/6 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a
	OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND 4.3.5-1/17 THEN R ELSE
C208	N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 AND
6208	A.4.3.12-1/8 THEN R ELSE N/A
C209	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND
	A.4.3.12-1/8 THEN R ELSE N/A
C210	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 AND A.4.3.12-1/8 THEN
C211	R ELSE N/A IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
0211	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2) AND A.4.3.12-1/8 THEN
	R ELSE N/A
C212	IF A.4.3.2-1/109 OR A.4.3.7-1/49 THEN R ELSE N/A
C213	IF A.4.3.2-1/108 OR A.4.3.7-1/49 THEN R ELSE N/A

<ul> <li>C214 IF (A.4.1-17) OR A.4.1-12) AND A.4.1-27 AND A.4.1-371 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.7.2</li> <li>C215 IF (A.4.1-17) OR A.4.1-12) AND A.4.1-27 AND A.4.1-371 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.7.2</li> <li>C216 IF (A.4.1-17) OR A.4.1-12) AND A.4.1-27 AND A.4.1-371 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.7.2</li> <li>C217 IF (A.4.1-17) OR A.4.1-12) AND A.4.1-27 AND A.4.1-371 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.5-117 AND A.4.3.12-12 AND Jable A.4.3.1-127 AND A.4.1-277 AND A.4.1-371 AND A.4.3.6-1471 AND A.4.3.6-1471 AND A.4.3.5-117 AND A.4.3.12-12 AND Jable A.4.3.1-217 AND A.4.1-277 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.6-1471 AND A.4.3.12-12 AND Jable A.4.3.1-217 AND A.4.1-271 AND A.4.3.6-1471 AND A.4.3.6-1471 AND A.4.3.2- 166 AND A.4.3.2-165 AND Jable A.4.3.1-277 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.2- 166 AND A.4.3.2-165 AND Jable A.4.3.1-277 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.2- 166 AND A.4.3.2-165 AND Jable A.4.3.1-277 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.2- 166 AND A.4.3.2-165 AND JA.4.3.5-117 AND Jable A.4.3.1-731 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.2- 164 AND A.3.2-165 AND JA.4.3.5-117 AND Jable A.4.3.1-731 AND A.4.1-571 AND A.4.3.6-1471 AND A.4.3.2- 164 AND A.3.2-165 AND JA.4.3.5-117 AND Jable A.3.1-731 AND A.4.1-571 AND A.4.3.2-173 AND A.4.3.6- 141 AND A.3.2-172 AND A.4.1-277 AND A.4.1-571 AND A.4.3.2-173 AND A.4.3.6- 141 AND A.4.3.2-172 AND A.4.1-277 AND A.4.1-571 AND A.4.3.2-173 AND A.4.3.2- 176 AND A.3.2-172 AND A.4.1-277 AND A.4.1-571 AND A.4.3.2-173 AND A.4.3.2- 176 AND A.3.2-172 AND JABLE A.3.1-731 AND A.4.3-151 AND A.4.3.2-176 AND A.4.3.2- 176 AND A.3.2-172 AND A.4.1-277 AND A.4.1-571 AND A.4.3.2-176 AND A.4.3.2- 176 AND A.3.2-172 AND JABLE A.3.1-731 AND A.4.3.2-173 AND A.4.3.2-173 AND A.4.3.2- 176 AND A.3.2-172 AND JABLE A.3.1-731 AND A.4.3.2-173 AND A.4.3.2-173 AND A.4.3.2- 176 AND A.3.2-172 AND JABLE A.3.1-731 AND A.4.3.2-176 AND A.4.3.2-176 AND A.4.3.2- 176 AND A.3.2-172 AND JABLE A.3.1-731 AND A.4.3.2-176 AND A.4.3.2-176 AND A.4.3.2- 1</li></ul>		
<ul> <li>1/2 AND Table A.3.1-7a/1 THEN R ELSE N/A</li> <li>C216 IF (A.1-17) CR A.1-172 (AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.5-1/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/4 THEN R ELSE N/A</li> <li>C217 IF (A.1-17) CR A.1-172 (AND A.1-127) AND A.1-5/1 AND A.4.3.6-1/41 AND A.4.3.5-1/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 THEN R ELSE N/A</li> <li>C218 IF (A.1-17) CR A.1-172 (AND A.1-127) AND A.1-13/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2- 1/64 AND A.4.3.2-1/65 AND Table A.4.3.1-7a/1 THEN R ELSE N/A</li> <li>C210 IF (A.1-17) CR A.1-172 (AND A.1-127) AND A.1-13/1 AND A.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2- 1/64 AND A.4.3.2-1/65 AND Table A.3.1-7a/1 THEN R ELSE N/A</li> <li>C210 IF (A.1-172) AND A.1-127 AND A.1-37/1 AND A.1-51 AND A.4.3.6-1/41 AND A.4.3.2- 1/64 AND A.4.3.2-1/65 AND Table A.4.3.1-7a/1 THEN R ELSE N/A</li> <li>C212 IF (A.1-172) AND A.1-127 AND A.1-13/1 AND A.1-51 AND A.4.3.6-1/41 AND A.4.3.2- 1/64 AND A.4.3.2-1/65 AND A.4.3.5-1/11 AND Table A.4.3.1-7a/1 THEN R ELSE N/A</li> <li>C212 IF (A.1-172) AND A.1-127 AND A.1-13/1 AND A.1-13/1 AND A.4.3.6-1/41 AND A.4.3.2- 1/64 AND A.4.3.2-1/65 AND A.4.3.5-1/11 AND Table A.4.3.1-7a/1 THEN R ELSE N/A</li> <li>C222 IF (A.1-172) AND A.1-127 AND A.1-13/1 AND A.4.3.2-1/34 AND A.4.3.6- 1/11 AND A.4.3.12-1/22 AND A.1-127 AND A.4.3.1-7a/1 AND A.4.3.2-1/34 AND A.4.3.6- 1/11 AND A.4.3.12-1/22 AND A.1-127 AND A.4.3.1-7a/1 AND A.4.3.2-1/34 AND A.4.3.2- 1/36 AND A.4.3.2-1/37 AND A.4.3.1-7a/1 AND A.4.3.2-1/34 AND A.4.3.2-1/34 AND A.4.3.6- 1/41 AND A.4.3.12/2 AND Table A.3.1-7a/1 THEN R ELSE N/A</li> <li>C222 IF (A.4.1-172 AND A.4.1-28 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.6-1/41 AND A.4.1-28 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.6-1/41 AND A.4.1-28 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.6-1/41 AND A.4.1-28 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.6-1/41 AND A.4.3.28 AND A.4</li></ul>	C214	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.12- 1/2 AND Table A.4.3.1-7a/4 THEN R ELSE N/A
<ul> <li>[216] IF (A.4.1-1/1) OR A.4.1-12/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-1/65 AND Table A.3.1-7/21 THEN RELSE N/A</li> <li>[216 A.4.1-1/1) OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-1/65 AND Table A.4.3.1-7/201 THEN RELSE N/A</li> <li>[221 166 A.40 D.4.3.2-1/65 AND Table A.4.3.1-7/201 THEN RELSE N/A</li> <li>[221 167 A.41-1/1) OR A.4.1-12/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.2-1/64 AND A.4.3.1-7/201 THEN RELSE N/A</li> <li>[222 167 A.41-1/1) OR A.4.1-12/2 AND TABL A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/64 AND A.4.3.2-1/66 AND</li></ul>	C215	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.12-
<ul> <li>C217 IF (4.4.1-1/1 OR A.4.1-12/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/41 AND A.4.3.6-1/41 AND A.4.3.6-1/41 AND A.4.3.2-1/16 AND A.4.3.1-2/17 AND Table A.4.3.1-7/21 THEN R ELSE N/A</li> <li>C218 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-1/65 AND Table A.4.3.1-7/201 THEN R ELSE N/A</li> <li>C219 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.1-7/201 THEN R ELSE N/A</li> <li>C220 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.1-7/201 THEN R ELSE N/A</li> <li>C221 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-1/64 AND A.4.3.2-1/66 AND A.4.3.2-1/67 AND A.4.3.2-1/66 AND A.4.3.2-1/67 AND A.4.3.</li></ul>	C216	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.5-1/1
<ul> <li>C218 IF (A.4.1-17) OR A.4.1-122 AND A.4.1-27 AND A.4.1-371 AND A.4.3.6-1/41 AND A.4.3.2-1/65 AND Table A.4.3.1-7/a71 HER RELSE NA</li> <li>C219 IF (A.4.1-17) OR A.4.1-1/2) AND A.4.1-27 AND A.4.1-371 AND A.4.1-571 AND A.4.3.6-1/41 AND A.4.3.2-1/66 AND Table A.4.3.1-7/a71 HER RELSE NA</li> <li>C220 IF (A.4.1-17) OR A.4.1-1/2) AND A.4.1-27 AND A.4.1-371 AND A.4.1-571 AND A.4.3.6-1/41 AND A.4.3.2-1/66 AND Table A.4.3.1-7/a71 HER RELSE NA</li> <li>C221 IF (A.4.1-17) OR A.4.1-1/2) AND A.4.1-27 AND A.4.1-371 AND A.4.1-571 AND Table N.2.3.6-1/41 AND A.4.3.2-1/164 AND A.4.3.6-1/41 AND A.4.3.2-1/164 AND A.4.3.2-1/164 AND A.4.3.2-1/164 AND A.4.3.2-1/164 AND A.4.3.2-1/164 AND A.4.3.2-1/164 AND A.4.3.2-1/174 AND A.4.3.2-1/27 AND A.4.3.2-1/27 AND A.4.3.2-1/274 AND A.4.3.2-1/26 AND A.4.3.2-1/65 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/65 AND A.4.3.2-1/65 AND A.4.3.2-1/65 AND A.4.3.2-1/65 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/27 AND A.4</li></ul>	C217	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.5-1/1
C219         IF (A.4.1.11) OR A.4.1.212 AND A.4.1.27 AND A.4.1.371 AND A.4.3.6-171 AND A.4.3.6-1741 AND A.4.3.2-1765 AND Table A.4.3.1.7241 THEN R ELSE NA           C220         IF (A.4.1.11) OR A.4.1.212 AND A.4.1.27 AND A.4.1.371 AND A.4.1.571 AND A.4.3.6-171 AND A.4.3.2-1765 AND A.4.3.5-171 AND Table A.4.3.1.7241 THEN R ELSE NA           C221         IF (A.4.1.11) OR A.4.1.212 AND A.4.1.271 AND A.4.1.371 AND A.4.1.671 AND A.4.3.2-1734 AND A.4.3.2-1737 AND A.4.1.271 AND A.4.3.1271 AND A.4.3.2-1734 AND A.4.3.2-1735 AND A.4.3.2-1735 AND A.4.3.2-1765 AND A.4.3.2-1724 AND A.4.3.2-1734 AND A.4.3.2-1765 AND A.4.3.2-1765 AND A.4.3.2-1764 AND A.4.3.2-1765 AND A.4.3.22-1762 AND A.4.3.2-1765 AND A.4.3.2-1765 AND A.4.3.2-1767 AND A.4.3.2-1777 AND A.4.3.2-1777 AND A.4.3	C218	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-
<ul> <li>IF (A.4.1.1/1 OR A.4.1-1/2) AND A.4.1-27 AND A.4.1-3/1 AND A.4.3-6/1 AND A.4.3-6.1/1 AND A.4.3-2.1/65 AND A.4.3-5.1/1 AND TABIE A.4.3.1-24/3 THEN R ELSE NA</li> <li>IF (A.4.1.1/1 OR A.4.1-1/2) AND A.4.1-27 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3-2.1/64 AND A.4.3-2.1/65 AND A.4.3-5.1/1 AND TABIE A.4.3.1-2/1 THEN R ELSE NA</li> <li>IF (A.4.1.1/1 OR A.4.1-1/2) AND A.4.1-27 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3-2.1/34 AND A.4.3-2.1/34 AND A.4.3-2.1/34 AND A.4.3-2.1/34 AND A.4.3-2.1/34 AND A.4.3.2-1/34 AND A.4.3.2-1/34 AND A.4.3-2.1/34 AND A.4.3-2.1/37 AND A.4.3-2.1/8 THEN R ELSE NA</li> <li>IF (A.4.1-1/2 AND A.4.1-2/2 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.3.2-1/80 THEN R ELSE NA</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/86 THEN R ELSE NA</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.8-1/413 THEN R ELSE NA</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.3-1/46 AND A.4.3.2-1/65 AND A.4.3.2-1/64 AND A.4.3.2-1/66 AND A.4</li></ul>	C219	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/41 AND A.4.3.2-
1/64 AND A.4.3.2-1/65 AND A.4.3.5-1/1 AND Table A.4.3.1-7a/1 THEN R ELSE N/A           C221         IF (A.4.1-1/12) AND A.4.1-2/2 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6-1/41 AND A.4.3.2-1/32 AND A.4.3.2-1/32 AND A.4.3.6-1/41 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 THEN R ELSE N/A           C223         IF (A.4.1-1/1 OR A.4.1-2/2 AND Table A.4.3.1-7a/1 THEN R ELSE N/A           C224         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/9 THEN R ELSE N/A           C225         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/63 AND A.4.3.2-1/65 THEN R ELSE N/A           C226         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/63 AND A.4.3.2-1/65 AND A.4.3.2-1/2 AND A.4.3.2-1/2 AND A.4.3.2-1/65 AND A.4.3.2-1/2 AND A.4.3.2-1/3 AND A.4.3.2-1/2 AND A.4.3.2-1/3 AND A.4.3.2-1/2 AND A.4.3.2-1/3 AND A.4.3.2-1/2 AND A.4.3.2-1/3 AND A.4.3.2-1/2 AND A.4.3.2-1/3 A	C220	
1/41 AND A.4.312-1/2 AND Table A.4.3.1-7/a/ THEN R ELSE N/A           C23         IF (A.4.1-1/12) AND A.4.1-2/2 NAD Table A.4.3.1-7/a/ THEN R ELSE N/A           C24         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/9 THEN R ELSE N/A           C25         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/9 THEN R ELSE N/A           C226         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/63 AND A.4.3.2-1/65 THEN R ELSE N/A           C226         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 THEN R ELSE N/A           C227         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3-2-1/65 AND A.4.3-2-1/65 AND A.4.3-2-1/65 AND A.4.3-2-1/65 AND A.4.3-2-1/64 AND A.4.3.2-1/65 AND A.4.3-2-1/26 THEN R ELSE N/A           C228         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3-6-1/41a AND A.4.3-2-1/65 AND A.4.3-2-1/26 THEN R ELSE N/A           C229         IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3-12-1/2 AND A.4.3-6-1/2 IND A.4.3-12-1/3 AND A.4.3-2-1/30 AND A.4.3-2-1/45 AND A.4.3-2-1/45 AND A.4.3-2-1/45 AND A.4.3-2-1/26 AND A.4.3-2-1/45 AND A.4.3-2-1/45 AND A.4.3-2-1/45 AND A.4.3-2-1/42 AND A.4.3-2-1/21 AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3-12-1/5 AND A.4.3-2-1/45 AND A.4.3-2-1/42 AND Table A.4.3-1/21 AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3-12-1/5 AND A.4.3-2/1 AND A.4.3-21-1/2 AND Table A.4.3-17-41 AND A.4.3-6-1/21 AND A.4.3-6-1/21 AND A.4.3-21-1/5 AND A.4.3-21-1/2 AND A.4.3-21-1/1 OR A.1-3/1 AND A.4.3-21-1/2 AND A.4.3-		
<ul> <li>1/41 AND A.4.3.12.1/2 AND Table A.4.3.17.7/1 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.3.2-1/9 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/63 AND A.4.3.2-1/65 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/65 AND A.4.3.2/1/65 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2-1/65 AND A.4.3.2/1/65 AND A.4.3.2/1/64 AND A.4.3.2-1/66 AND A.4.3.2-1/65 AND A.4.3.2/1/64 AND A.4.3.2-1/65 AND A.4.3.2/1/64 AND A.4.3.2-1/65 AND A.4.3.2/1/64 AND A.4.3.2-1/65 AND A.4.3.2/1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2/1/26 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.2/1/26 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2/1/26 AND A.4.3.2/1/26 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2/1/26 AND A.4.3.2/1/26 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2/1/26 AND A.4.3.2/1/26 AND A.4.3.2/1/26 AND A.4.3.2/1/26 AND Table A.4.3.17/20 AND A.4.3.12/1/20 RA.4.3.12/1/50 AND A.4.3.3/1 AND A.4.3.12/1/2 AND Table A.4.3.17/2/1 AND (A.4.1-1/1 OR A.1.1/2 OR A.4.3.12/1/2 AND A.4.3.12/1/2 AND A.4.3.12/1/2 AND Table A.4.3.17/2/1 AND (A.4.1-1/1/2 AND A.4.3.12/1/2 AND A.4.3.12/1/2 AND A.4.3.12/1/2 AND Table A.4.3.17/2/1 AND (A.4.1-1/2 CAND A.4.1-1/2 CAND A.4.3.12/1/2 AND A.4.3.</li></ul>		1/41 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/4 THEN R ELSE N/A
<ul> <li>[F A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/63 THEN R ELSE N/A</li> <li>[F A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/63 AND A.4.3.2-1/65 THEN R</li> <li>[ELSE N/A</li> <li>[F A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND</li> <li>[A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND</li> <li>[A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND</li> <li>[A.3.6-1/41a AND A.4.3-26 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND</li> <li>[A.3.6-1/41a AND A.4.3-26 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.5-1/1 AND</li> <li>[A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.5-1/1 AND</li> <li>[A.3.12-1/2 AND Table A.4.3.1-7a/1 AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND</li> <li>[A.3.12-1/2 AND Table A.4.3.1-7a/1 AND (A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND</li> <li>[A.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.12-1/5) AND A.4.1-3/1 AND</li> <li>[A.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.12-1/5) AND A.4.1-3/1 AND</li> <li>[A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.12-1/5) AND A.4.1-3/1 AND</li> <li>[A.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.12-1/5) AND A.4.1-3/1 AND</li> <li>[A.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.12-1/5 AND A.4.3.12-1/2 AND</li> <li>[A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 ON A.4.3.6-1/2 AND A.4.3.12-1/2 AND</li> <li>[A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.12-1/5 AND A.4.3.12-1/2 AND</li> <li>[A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.1-1/2 AND A.4.3.12-1/2 AND A.4.3.12-1/2 AND</li> <li>[A.4.3.6-1/2] THEN R ELSE N/A</li> <li>[C33] [F [10]A.4.1-1/1 OR [10]A.4.1-1/2] AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND</li></ul>		1/41 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 THEN R ELSE N/A
<ul> <li>[C226] IF. A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND A. 4.3.2-1/63 AND A. 4.3.2-1/65 THEN R ELSE N/A</li> <li>[C227] IF. A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND A. 4.3.2-1/64 AND A. 4.3.2-1/65 AND A. 4.3.8-1/4/1a THEN R ELSE N/A</li> <li>[C228] IF. A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND A. 4.3.2-1/64 AND A. 4.3.2-1/65 AND A. 4.3.8-1/4/1a AND A. 4.3.5-1/1 THEN R ELSE N/A</li> <li>[C229] IF. A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND A. 4.3.6-1/41a AND A. 4.3.5-1/1 AND A. 4.3.2-1/34 THEN R ELSE N/A</li> <li>[C230] IF. (1(0)A. 4.1-1/1 OR) AND A. 4.1-3/1 AND (A. 4.3.12-1/2 AND A. 4.3.6-1/41a AND A. 4.3.5-1/1 AND A. 4.3.2-1/34 THEN R ELSE N/A</li> <li>[C10] A. 4.1-1/1 OR Tal) A. 4.3.7-7a/1 AND (A. 4.1-1/1 OR A. 4.1-1/2 OR A. 4.3.12-1/5) AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND Table A. 4.3.1-7a/1 AND (NOT A. 4.3.6-1/2) THEN R ELSE N/A</li> <li>[C10] A. 4.1-1/1 OR [10]A. 4.1-1/2) AND (A. 4.1-1/1 OR A. 4.1-1/2 OR A. 4.3.12-1/5) AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND Table A. 4.3.1-7a/1 AND (A. 4.3.6-1/2) AND A. 4.3.5-1/1 THEN R ELSE N/A</li> <li>[C233] IF ([10]A. 4.1-1/1 OR [10]A. 4.1-1/2) AND (A. 4.1-1/1 OR A. 4.1-1/2 OR A. 4.3.12-1/5) AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND Table A. 4.3.1-7a/1 AND (A. 4.3.6-1/2) AND A. 4.3.5-1/1 THEN R ELSE N/A</li> <li>[C234] IF [10]A. 4.1-1/1 OR [10]A. 4.1-1/2) AND (A. 4.1-1/2 OR A. 4.3.6-1/1 AND A. 4.3.5-1/1 AND A. 4.3.6-1/2 AND Table A. 4.3.1-7a/1 AND A. 4.3.6-1/2 AND A. 4.3.6-1/1 AND A. 4.3.12-1/2 AND A. 4.3.6-1/2 AND Table A. 4.3.1-7a/1 AND A. 4.3.6-1/2 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND (NOT A. 4.3.6-1/2 THEN R ELSE N/A</li> <li>[C235] IF [10]A. 4.1-1/1 OR [10]A. 4.1-1/2) AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND (NOT A. 4.3.6-1/2 THEN R ELSE N/A</li> <li>[C236] IF [10]A. 4.1-1/1 OR [10]A. 4.1-1/2) AND A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND (NOT A. 4.3.6-1/2 AND A. 4.3.5-1/1 THEN R ELSE N/A</li> <li>[C236]</li></ul>	C224	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND 4.3.2-1/9 THEN R ELSE N/A
<ul> <li>[C226] IF. A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND A. 4.3.2-1/63 AND A. 4.3.2-1/65 THEN R ELSE N/A</li> <li>[C227] IF. A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND A. 4.3.2-1/64 AND A. 4.3.2-1/65 AND A. 4.3.8-1/4/1a THEN R ELSE N/A</li> <li>[C228] IF. A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND A. 4.3.2-1/64 AND A. 4.3.2-1/65 AND A. 4.3.8-1/4/1a AND A. 4.3.5-1/1 THEN R ELSE N/A</li> <li>[C229] IF. A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND A. 4.3.6-1/41a AND A. 4.3.5-1/1 AND A. 4.3.2-1/34 THEN R ELSE N/A</li> <li>[C230] IF. (1(0)A. 4.1-1/1 OR) AND A. 4.1-3/1 AND (A. 4.3.12-1/2 AND A. 4.3.6-1/41a AND A. 4.3.5-1/1 AND A. 4.3.2-1/34 THEN R ELSE N/A</li> <li>[C10] A. 4.1-1/1 OR Tal) A. 4.3.7-7a/1 AND (A. 4.1-1/1 OR A. 4.1-1/2 OR A. 4.3.12-1/5) AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND Table A. 4.3.1-7a/1 AND (NOT A. 4.3.6-1/2) THEN R ELSE N/A</li> <li>[C10] A. 4.1-1/1 OR [10]A. 4.1-1/2) AND (A. 4.1-1/1 OR A. 4.1-1/2 OR A. 4.3.12-1/5) AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND Table A. 4.3.1-7a/1 AND (A. 4.3.6-1/2) AND A. 4.3.5-1/1 THEN R ELSE N/A</li> <li>[C233] IF ([10]A. 4.1-1/1 OR [10]A. 4.1-1/2) AND (A. 4.1-1/1 OR A. 4.1-1/2 OR A. 4.3.12-1/5) AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND Table A. 4.3.1-7a/1 AND (A. 4.3.6-1/2) AND A. 4.3.5-1/1 THEN R ELSE N/A</li> <li>[C234] IF [10]A. 4.1-1/1 OR [10]A. 4.1-1/2) AND (A. 4.1-1/2 OR A. 4.3.6-1/1 AND A. 4.3.5-1/1 AND A. 4.3.6-1/2 AND Table A. 4.3.1-7a/1 AND A. 4.3.6-1/2 AND A. 4.3.6-1/1 AND A. 4.3.12-1/2 AND A. 4.3.6-1/2 AND Table A. 4.3.1-7a/1 AND A. 4.3.6-1/2 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND (NOT A. 4.3.6-1/2 THEN R ELSE N/A</li> <li>[C235] IF [10]A. 4.1-1/1 OR [10]A. 4.1-1/2) AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND (NOT A. 4.3.6-1/2 THEN R ELSE N/A</li> <li>[C236] IF [10]A. 4.1-1/1 OR [10]A. 4.1-1/2) AND A. 4.1-1/2 AND A. 4.1-2/8 AND A. 4.1-3/1 AND A. 4.3.12-1/2 AND (NOT A. 4.3.6-1/2 AND A. 4.3.5-1/1 THEN R ELSE N/A</li> <li>[C236]</li></ul>	C225	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/46 THEN R ELSE N/A
<ul> <li>A.4.3.6-1/41a THEN. R. ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/64 AND A.4.3.2-1/65 AND A.4.3.6-1/41a AND A.4.3.5-1/1 THEN R. ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.5-1/1 AND A.4.3.2-1/3/1 HEN R. ELSE N/A</li> <li>IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (NOT A.4.3.6-1/2) THEN R. ELSE N/A</li> <li>(10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/1 THEN R. ELSE N/A</li> <li>(232 IF (10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.6-1/2 AND A.4.3.6-1/2 IND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>(233 IF (10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.2-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/11 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>(234 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>(235 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>(236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-3/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>(237 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>(238 IF A.4.1-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>(239 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/3 THEN R ELSE N/A</li> <li>(238 IF A.4.1-1/2 AND A.4.1-3/1 AND A.</li></ul>		IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/63 AND A.4.3.2-1/65 THEN R ELSE N/A
<ul> <li>A.4.3.6-1/41a AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.5-1/1 AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>IF (1(10)A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.17-a/1 AND (NOT A.4.3.6-1/2) THEN R ELSE N/A</li> <li>IF (1(10)A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF (110]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.6-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF (110]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/2 AND A.4.3.6-1/2) AND A.4.3.2-1/1 THEN R ELSE N/A</li> <li>IF (110]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/2) AND A.4.3.6-1/2) AND A.4.3.2-1/1 THEN R ELSE N/A</li> <li>IF (110]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.3.6-1/2 AND A.4.3.6-1/1 THEN R ELSE N/A</li> <li>IF (10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.3.6-1/1 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2] AND A.4.1-1/2 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2] AND A.4.1-1/2 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/2 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2] AND A.4.1-1/2 AND A.4.3.2-1/3 AND A.4.3.12-1/2 AND A.4.3.2-1/3 AND A.4.3.12-1/2 AND A.4.3.2-1/3 AND A.4.</li></ul>		A.4.3.6-1/41a THEN R ELSE N/A
<ul> <li>A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C230 IF (10]A.4.1-1/1 OR [10]A.4.1-1/2] AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (NOT A.4.3.6-1/2] THEN R ELSE N/A</li> <li>C231 IF (10]A.4.1-1/1 OR [10]A.4.1-1/2] AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/11 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C234 IF (10]A.4.1-1/1 OR [10]A.4.1-1/2] AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C234 IF (10]A.4.1-1/1 OR [10]A.4.1-1/2] AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2] AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2] AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C237 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2] AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C238 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/2 AND A.4.3.6-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/10 AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/10 AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C244</li></ul>		A.4.3.6-1/41a AND A.4.3.5-1/1 THEN R ELSE N/A
<ul> <li>A.<sup>4</sup>.3.<sup>1</sup>2-1/2 AND Table A.4.3.1-7a/1 AND (NOT A.4.3.6-1/2) THEN R ELSE N/A</li> <li>C231 IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/11 THEN R ELSE N/A</li> <li>C232 IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/11 THEN R ELSE N/A</li> <li>C233 IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/11 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C234 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2) THEN R ELSE N/A</li> <li>C235 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2) THEN R ELSE N/A</li> <li>C236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2) THEN R ELSE N/A</li> <li>C237 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2 AND A.4.3-51/1 THEN R ELSE N/A</li> <li>C238 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C238 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C239 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.21-1/1 AND A.4.3.11-1/0 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/1 OR R A.1-4/4/0 OR A.4.1-4/5/0 AND A.4.</li></ul>		A.4.3.2-1/34 THEN R ELSE N/A
<ul> <li>A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/11 THEN R<sup>°</sup> ELSE N/A</li> <li>C232 IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2) AND A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.17a/1 AND (NOT A.4.3.6-1/2) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C233 IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.2-1/2 AND Table A.4.3.17a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/1 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C234 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/2 AND (NOT A.4.3.6-1/2) THEN R ELSE N/A</li> <li>C235 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2) AND A.4.3-5-1/1 THEN R ELSE N/A</li> <li>C237 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C238 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C239 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/3 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-1/9 THEN R ELSE N/A</li> <li>C241 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/14 AND A.4.3.2-1/13 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AN</li></ul>		A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (NOT A.4.3.6-1/2) THEN R ELSE N/A
<ul> <li>A.4.3.12-1/2 AND Table A.4.3.1-7/a/1 AND (NOT A.4.3.6-1/2) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C233 IF (I(0)A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1 OR A.4.3.12-1/2) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C234 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.3.6-1/2 AND A.4.3.6-1/11 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C235 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2) THEN R ELSE N/A</li> <li>C236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C237 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C237 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C238 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/2 AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C239 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/3 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.24-1/10 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.24-1/10 AN A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/</li></ul>		A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/11 THEN R ELSE N/A
<ul> <li>A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/11 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2) THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240a IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C240a IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C240a IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C240a IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C240a IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR D (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 TH</li></ul>		A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND (NOT A.4.3.6-1/2) AND A.4.3.5-1/1 THEN R ELSE N/A
<ul> <li>(NOT A.4.3.6-1/2) THEN R ELSE N/A</li> <li>C235 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C237 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C238 IF A.4.1-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C239 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C239 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A</li> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 ANA 3.3.11-1/9 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-2/2 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/2 OR A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C245 IF A.4.1-1/1 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C246 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.</li></ul>	0233	A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND A.4.3.6-1/2 AND A.4.3.6-1/11 AND A.4.3.5-1/1 THEN R ELSE N/A
<ul> <li>A.4.3.6-1/2 THEN R ELSE N/A</li> <li>C236 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2 AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND (NOT A.4.3.6-1/2) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C237 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C238 IF A.4.1-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C239 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C239 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.32B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C245 IF (A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C246 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C247 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/</li></ul>		(NOT A.4.3.6-1/2) THEN R ELSE N/A
<ul> <li>(NOT A.4.3.6-1/2) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C237 IF [10]A.4.1-1/1 OR [10]A.4.1-1/2) AND A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C238 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C239 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A</li> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.3-5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-4/3 OR A.4.1-4/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C245 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C246 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C247 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A</li></ul>		A.4.3.6-1/2 THEN R ELSE N/A
<ul> <li>A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C238 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.2-1/34 THEN R ELSE N/A</li> <li>C239 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A</li> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A</li> <li>C240a IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A</li> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-2/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND (A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C245 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C245 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C246 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C247 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 A</li></ul>		(NOT A.4.3.6-1/2) AND A.4.3.5-1/1 THEN R ELSE N/A
ELSE N/A           C239         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.12-1/8 THEN R ELSE N/A           C240         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A           C240a         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A           C241         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 AND A.4.3.5-1/13 THEN R ELSE N/A           C241         IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A           C242         IF (A.4.1-4/1 OR A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A           C242         IF (A.4.1-4/1 OR A.4.1-2/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A           C243         IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A           C244         IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND (A.4.1-3/1 OR A.4.1-2/7 AND A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A           C245         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A           C246         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A           C247 <td></td> <td>A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</td>		A.4.3.6-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A
<ul> <li>C240 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 THEN R ELSE N/A</li> <li>C240a IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 AND A.4.3.11-1/9 THEN R ELSE N/A</li> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 OR A.4.1-1/2 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C245 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C246 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C247 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C244 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> </ul>		ELSE N/A
<ul> <li>C240a IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.11-1/10 AND A.4.3.11-1/9 THEN R ELSE N/A</li> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C245 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C246 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C247 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> </ul>		
<ul> <li>C241 IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C242 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C245 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C246 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C247 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> </ul>		
<ul> <li>C242 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C243 IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A</li> <li>C244 IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A</li> <li>C245 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C246 IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A</li> <li>C247 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> <li>C248 IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A</li> </ul>		
A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A         C243       IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A         C244       IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A         C245       IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A         C246       IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A         C247       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A         C248       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A		
A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A         C244       IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A         C245       IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A         C246       IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A         C247       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A         C248       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-		A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A
AND A.4.3.2A.1-1/1 AND Á.4.3.5-1/13 THEN R ELSE N/A         C245       IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A         C246       IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-7a/2 THEN R ELSE N/A         C247       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1-7a/3 THEN R ELSE N/A         C248       IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-		A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.5-1/12 THEN R ELSE N/A
Ta/2 THEN R ELSE N/A           C246         IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1- 7a/2 THEN R ELSE N/A           C247         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C248         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-		AND A.4.3.2A.1-1/1 AND A.4.3.5-1/13 THEN R ELSE N/A
Ta/2 THEN R ELSE N/A           C247         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND NOT A.4.3.1- 7a/3 THEN R ELSE N/A           C248         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-		7a/2 THEN R ELSE N/A
7a/3 THEN R ELSE N/A           C248         IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND NOT A.4.3.1-		7a/2 THEN R ELSE N/A
		7a/3 THEN R ELSE N/A
	C248	

C249	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A
C250	IF A.4.1-1/1 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND (NOT
C251	A.4.3.9-1/2 AND A.4.3.1-7a/2) THEN R ELSE N/A IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/119 AND (NOT
	A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A
C252	IF A.4.1-1/2 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.2-1/120 AND (NOT A.4.3.9-1/2 AND A.4.3.1-7a/3) THEN R ELSE N/A
C253	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6- 1/41 AND A.4.3.6-1/68 AND A.4.3.6-1/72 AND (NOT A.4.3.6-1/70) THEN R ELSE N/A
C254	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.2-1/34 AND A.4.3.6- 1/41 AND A.4.3.6-1/68 AND A.4.3.6-1/72 AND A.4.3.6-1/70 THEN R ELSE N/A
C255	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/68 AND A.4.3.6-
C256	1/72 AND (NOT A.4.3.6-1/70) THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND A.4.3.6-1/68 AND A.4.3.6-
C257	1/72 AND A.4.3.6-1/70 THEN R ELSE N/A IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
C258	(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-5/1 AND A.4.3.6-1/66 AND A.4.3.6-1/69 THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-5/1 AND (A.4.1-4A/1 OR A.4.1-4A/2
	OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND A.4.3.6-1/68 AND A.4.3.6-1/72 THEN R ELSE N/A
C259	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/34 AND A.4.3.6-1/41 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a))
C260	AND A.4.3.6-1/73 THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/34 AND A.4.3.6-1/41 AND
0200	((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND A.4.3.6-1/74 THEN R ELSE N/A
C261	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND
	A.4.3.1-7a/1 AND NOT A.4.3.1-7a/2 AND NOT A.4.3.1-7a/3 AND A.4.3.2A.1-1/1 THEN R ELSE N/A
C262	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.1-7a/1 AND NOT A.4.3.1-7a/2 AND NOT A.4.3.1-7a/3 AND A.4.3.2A.1-1/2 THEN R ELSE N/A
C263	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/5) AND A.4.3.1-7a/1 AND NOT A.4.3.1-7a/2 AND NOT A.4.3.1-7a/3 AND A.4.3.2A.1-1/3 THEN R ELSE N/A
C264	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/63 THEN R ELSE N/A
C265	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.6-1/63 AND A.4.3.6-1/65 THEN R ELSE N/A
C266	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/63 AND A.4.3.6-1/67 THEN R ELSE N/A
C267	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.2-1/128 THEN R ELSE N/A
C268	IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3) AND A.4.1-3/2 AND A.4.3.2-1/129 THEN R ELSE N/A
C268a	IF A.4.1-1/2 AND A.4.1-2/8 A.4.1-3/2 AND A.4.1-4A/4 AND A.4.3.2-1/129 THEN R ELSE N/A
C268b	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.1-4/6 AND A.4.3.2-1/130THEN R ELSE N/A
C269	IF A.4.1-1/2 AND A.4.1-4/5 AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/2 AND A.4.3.2-1/128 THEN R ELSE N/A
C270	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5) AND A.4.3.2A.1-1/1 AND A.4.3.2-1/128 THEN R ELSE N/A
C271	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.1-4A/3 AND A.4.3.2A.1-1/1 AND A.4.3.2-1/128 THEN R ELSE N/A
C271a	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.1-4A/6 AND A.4.3.2A.1-1/1 AND A.4.3.2-1/128 THEN R ELSE N/A
C272	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/63 AND A.4.3.2-1/65 AND A.4.3.5- 1/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C273	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-1/63 AND A.4.3.2-1/65 AND A.4.3.5- 1/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C274	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-
	1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R ELSE N/A
C275	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND
C276	A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2- 1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND A.4.3.12-1/2 AND A.4.3.1-7a/4 THEN R
0077	ELSE N/A
C277	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A
C278	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/123 AND A.4.3.2-1/22 THEN R ELSE N/A
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C279	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/124 AND A.4.3.2-1/22 THEN R ELSE N/A
C280	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/124 AND A.4.3.2-1/125 A.4.3.2-1/126 THEN R ELSE N/A
C281	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/123 AND A.4.3.2-1/22 THEN R ELSE N/A
C282	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/124 AND A.4.3.2-1/22 THEN R ELSE N/A
C283	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/124 AND A.4.3.2-1/125 AND A.4.3.2-1/126 THEN
	R ELSE N/A
C284	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.1-4/6 AND A.4.3.2-1/132
C285	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.1-4A/1 AND A.4.3.2-1/14 AND
	A.À.3.2A.1-2/1 THEN R ELSE N/A
C286	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.6-1/81 THEN R ELSE N/A
C287	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.6-1/81 THEN R ELSE N/A
C288	IF (A.4.1-1/1 OR A.4.1-1/2) AND (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/12 AND A.4.3.2-1/132 THEN R ELSE N/A
C289	IF (A.4.1-1/2) AND A.4.1-4/4 AND A.4.1-3/2 AND A.4.3.2B.2.0-1A/1 AND A.4.3.2-1/132 THEN R ELSE N/A
C290	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/34 AND A.4.3.6-1/41a AND (A.4.3.2-1/42b OR
0200	A.4.3.2-1/43b OR A.4.3.2-1/44b) AND A.4.3.6-1/73 THEN R ELSE N/A
C291	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/34 AND A.4.3.6-1/41a AND (A.4.3.2-1/42b OR
0201	A.4.3.2-1/43b OR A.4.3.2-1/44b) AND A.4.3.6-1/74 THEN R ELSE N/A
C292	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.6-1/63 THEN R ELSE N/A
C293	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.6-1/63 AND A.4.3.6-1/67 THEN R ELSE N/A
C294	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/34 AND A.4.3.6-1/41a AND A.4.3.6-1/68 AND
	A.4.3.6-1/70 AND A.4.3.6-1/72 THEN R ELSE N/A
C295	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.6-1/68 AND NOT A.4.3.6-1/70 AND A.4.3.6-1/72 THEN R ELSE N/A
C296	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.6-1/68 AND A.4.3.6-1/70 AND A.4.3.6-1/72 THEN R ELSE N/A
C297	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND (A.4.1-4A/3 OR A.4.1-4A/4 OR A.4.1-4A/6) AND A.4.3.2A.1-
C298	1/1 AND A.4.3.6-1/68 AND A.4.3.6-1/72 THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.12-1/2 AND A.4.3.1-
	7a/4 AND A.4.3.6-1/81 THEN R ELSE N/A
C299	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.6-1/81 THEN R ELSE N/A
C300	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 AND A.4.4-1/16 AND A.4.3.5-1/1 THEN R ELSE N/A
C301	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.4- 1/16 AND A.4.3.5-1/1 THEN R ELSE N/A
C302	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 AND A.4.3.6- 1/8a THEN R ELSE N/A
C303	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.6- 1/8a THEN R ELSE N/A
C304	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 AND A.4.3.6- 1/7a THEN R ELSE N/A
C305	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.6- 1/7a THEN R ELSE N/A
C306	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 AND A.4.3.6- 1/6 THEN R ELSE N/A
C307	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.6- 1/6 THEN R ELSE N/A
C308	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.4-1/16 AND A.4.3.5-1/1 THEN R ELSE N/A
C309	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a THEN R ELSE N/A
C310	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/41a AND A.4.3.5-1/1 THEN R ELSE N/A
C311	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.2-1/56 AND 4.3.2-1/78 THEN R
C212	ELSE N/A
C312 C313	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/8a THEN R ELSE N/A IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND A.4.1-3/1 AND (A.4.1-4A/1 OR A.4.1-4A/2 OR A.4.1-4A/5)
C314	AND A.4.3.2A.1-1/4 THEN R ELSE N/A IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.2-1/XXX AND A.4.3.2-1/YYY OR A.4.3.2-1/ZZZ OR
	4.3.2-1/ <mark>XYZ</mark> THEN R ELSE N/A
C315	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.12-1/2 THEN R ELSE N/A
C316	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND ((A.4.3.2-1/42 OR A.4.3.2-1/43 OR A.4.3.2-1/44) OR (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a)) AND A.4.3.12-1/2 THEN R ELSE N/A

<ul> <li>IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2) AND A.4.3.1-7a/4 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF ((A.4.1-1/1 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF ((A.4.1-1/1 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.2-1/2 AND A.4.3.1-7a/1 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/2) AND A.4.3.2-2/10 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/2) AND A.4.3.2-2/10 AND A.4.3.2-2/10 OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/2) AND A.4.3.2-2/10 AND A.4.3.2-2/10 OR (A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/1/2) AND A.4.3.2-2/10 AND A.4.3.2-2/10 OR (A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/1/2) AND A.4.3.2-2/10 AND A.4.3.2-2/10 OR (A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/2) AND A.4.3.2-2/10 AND A.4.3.2-2/10 OR (A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/1/2) AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/1/3 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/1/3 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/7 AND ((A.4.3.2)/1/3 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2)/1/3 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/7 AND ((A.4.3.2)/1/3 AND A.4.3.2-2/7 AND (A.4.3.2-1/4/3 AND A.4.3.2-2/7 AND (A.4.3.2-1/4/3 AND A.4.3.2-2/7 AND (A.4.3.2-1/4/3 AND A.4.3.2-1/4/2 AND A.4.3.2-1/4/2 AND A.4.3.2-1/2 AND A.4.3.2-1/2 AND A.4.3.2-1/4/2 AND A.4.3.2-1/4/2 AND A.4.3.2-1/2 AND A.4.3.2-1/2 AND A.4</li></ul>		
<ul> <li>(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/4 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C319 IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C320 IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/1 AND A.4.3.2-1/3 AND A.4.3.6/78 THEN R ELSE N/A</li> <li>C321 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10 OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10 ON (A.4.3.2-2/12 ON (A.4.3.2-2/9 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10 AND A.4.3-2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10 AND A.4.3-2-1/2 AND A.4.3.2-2/14) OR (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10) THEN R ELSE N/A</li> <li>C324 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/14) OR (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10) ND (A.4.3.2-1/2 AND A.4.3.2-2/14) OR (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/13 NND (A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/42a OR A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/24) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/43a OR A.</li></ul>	C317	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.6-1/6 THEN R ELSE N/A
<ul> <li>ÉLSE N/A</li> <li>C319 IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/1 OR (A.4.1-1/2 AND [10]A.4.1-1/2 AND [10]A.4.1-1/2 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C320 IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.6/78 THEN R ELSE N/A</li> <li>C321 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/2 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) THEN R ELSE N/A</li> <li>C322 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 OR (A.4.3.2-2/12) OR (A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/1 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12) OR (A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/1 AND A.4.3.2-2/13) THEN R ELSE N/A</li> <li>C323 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/1 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14 OR (A.4.3.2-2/9 AND A.4.3.2-2/17 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14 OR (A.4.3.2-2/6 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/17 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/17 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 AND A.4.3.2-1/12 AND A.4.3.2-2/12 AND A.4.3.2-2/11) AND A.4.3.2-2/11 AND A.4.3.2-2/11 AND A.4.3.2-2/11 AND A.4.3.2-2/11 AND A.4.3.2-2/11 AND A.4.3.2-2/2 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 OR (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 OR (A.4.3.2-1/24 OR A.4.3.2-1/44a) OR (A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C326 IF A.4.1-1/2 AN</li></ul>	C318	
<ul> <li>C319 IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C320 IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/3 AND A.4.3.2-2/1 AND A.4.3.2-2/3 AND A.4.3.2-2/7 AND ((A.4.3.2-2/3 AND A.4.3.2-2/1 AND A.4.3.2-2/3 AND A.4.3.2-2/7 AND ((A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/3 AND A.4.3.2-2/1 AND A.4.3.2-2/1 AND A.4.3.2-1/4 AND A.4.3.2-1/2 AND A.4.3.2-1/2 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/44a) AND ((A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/44a) OR (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/</li></ul>		
<ul> <li>(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C320 IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.6/78 THEN R ELSE N/A</li> <li>C321 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13)) THEN R ELSE N/A</li> <li>C323 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/13)) THEN R ELSE N/A</li> <li>C323 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/9 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/9 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2- 2/13 AND A.4.3.2-2/10 IF R ELSE N/A</li> <li>C324 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/13 AND A.4.3.2-2/11 AND A.4.3.2-2/14 AND A.4.3.2-2/11 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14 OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2- 2/13 AND A.4.3.2-2/10 IF R ELSE N/A</li> <li>C325 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/11 AND A.4.3.2- 2/13 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/24 AND A.4.3.2-2/3 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/27 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4</li></ul>		
<ul> <li>ELSE N/A</li> <li>C320 IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.6/78 THEN R ELSE N/A</li> <li>C321 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) THEN R ELSE N/A</li> <li>C322 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/10 AND A.4.3.2-2/10 OR (A.4.3.2-2/12) OR (A.4.3.2-2/3 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10 AND A.4.1-3/1 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/17 AND ((A.4.3.2) 2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/11 AND A.4.3.2-2/14 AND A.4.3.2-2/14 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/11) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/14A) THEN R ELSE N/A</li> <li>C326 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.</li></ul>	C319	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1 AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-1/1) OR
<ul> <li>IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.6/78 THEN R ELSE N/A</li> <li>IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/1 AND A.4.3.2-2/1 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/1 AND A.4.3.2-2/10 OR (A.4.3.2-2/10 OR (A.4.3.2-2/9 AND A.4.3.2-2/1 AND A.4.3.2-2/2 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-1/24 OR A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/2 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.</li></ul>		(A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-3/1 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 AND A.4.3.5-1/1 THEN R
<ul> <li>IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12) OR (A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12) OR (A.4.3.2-2/9 AND A.4.3.2-2/1 AND A.4.3.2-2/13)) THEN R ELSE N/A</li> <li>C323 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/3 AND A.4.3.2-2/10 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10)) THEN R ELSE N/A</li> <li>C324 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10) OR (A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10) OR (A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/3 AND A.4.3.2-1/420 OR A.4.3.2-1/430 OR A.4.3.2-1/440 AND (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/440 AND (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/430 OR A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/420 OR A.4.3.2-1/430 OR A.4.3.2-2/9 AND A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/430 OR A.4.3.2-1/440 AND (A.4.3.2-1/24 OR A.4.3.2-1/24) AND (A.4.3.2-1/420 OR A.4.3.2-1/430 OR A.4.3.2-1/440 OR A.4.3.2-1/24 OR A.4.3.2-1/440 OR A.4.3.2-1/440 OR A.4.3.2-1/24 OR A.4.3.2-1/440 OR A.4.3.2-1/440 OR A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-1/420 OR A.4.3.2-1/430 OR A.4.3.2-1/440 OR A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-1/420 OR A.4.3.2-1/430 OR A.4.3.2-1</li></ul>		ELSE N/A
<ul> <li>2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) THEN R ELSE N/A</li> <li>C322 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13)) THEN R ELSE N/A</li> <li>C323 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-1/2 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-1/2 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/7 AND ((A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/3 AND A.4.3.2-2/10 AND A.4.3.2-1/27 AND A.4.3.2-1/41 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/44) AND (A.4.3.2-1/24 OR A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND (A.4.3.2-1/24 OR A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24</li></ul>	C320	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 AND A.4.3.6/78 THEN R ELSE N/A
<ul> <li>C322 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13)) THEN R ELSE N/A</li> <li>C323 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/18 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/9 AND A.4.3.2-2/17 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/3 AND A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-1/2 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/3 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/23 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-1/42a OR A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24 OR A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND</li></ul>	C321	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-
<ul> <li>2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13)) THEN R ELSE N/A</li> <li>C323 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/17 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 OR (A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-2/13 AND A.4.3.2-2/7 AND ((A.4.3.2) A.4.3.2-1/24 OR A.4.3.2-1/24) AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/24) THEN R ELSE N/A</li> <li>C326 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2) 2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxx applicability is defined for enternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li></ul>		2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) THEN R ELSE N/A
<ul> <li>ELSE N/A</li> <li>C323 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/17 AND ((A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-1/11 THEN R ELSE N/A</li> <li>C325 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/24) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.2-1/43a OR A.4.3.2-1/44a</li></ul>	C322	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-
<ul> <li>C323 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/15)) THEN R ELSE N/A</li> <li>C324 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-1/1 THEN R ELSE N/A</li> <li>C325 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/4 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/1) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxx applicability is defined for alternative additional DM</li></ul>		2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13)) THEN R
<ul> <li>2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/15)) THEN R ELSE N/A</li> <li>C324 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/15)) AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/14 OR A.4.3.2-2/13 AND A.4.3.2-2/10) OR (A.4.3.2-1/10 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 2: Cxxx applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxx applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		ELSE N/A
<ul> <li>2/13 AND A.4.3.2-2/15)) THEN R ELSE N/A</li> <li>C324 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/15)) AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/15)) AND A.4.3.2-1/1 THEN R ELSE N/A</li> <li>C325 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-1/44a OR A.4.3.2-2/7 AND ((A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxx applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxx applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>	C323	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-
<ul> <li>C324 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-2/13 AND A.4.3.2-2/15)) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C325 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-
<ul> <li>2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND Â.4.3.2-2/13 AND A.4.3.2-2/15)) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C325 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.5-1/17 THEN R ELSE N/A</li> <li>C326 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		2/13 AND A.4.3.2-2/15)) THEN R ELSE N/A
<ul> <li>2/13 AND A.4.3.2-2/15)) AND A.4.3.5-1/1 THEN R ELSE N/A</li> <li>C325 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.5-1/17 THEN R ELSE N/A</li> <li>C326 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/10) ND (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>	C324	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-
<ul> <li>C325 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.5-1/17 THEN R ELSE N/A</li> <li>C326 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		2/8 AND A.4.3.2-2/10 AND A.4.3.2-2/12 AND A.4.3.2-2/14) OR (A.4.3.2-2/9 AND A.4.3.2-2/11 AND A.4.3.2-
<ul> <li>2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.5-1/17 THEN R ELSE N/A</li> <li>C326 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-1/24 OR A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		2/13 AND A.4.3.2-2/15)) AND A.4.3.5-1/1 THEN R ELSE N/A
<ul> <li>A.4.3.2-1/44a) AND (Å.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.5-1/17 THEN R ELSE N/A</li> <li>C326 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>	C325	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-
<ul> <li>C326 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-1/4)) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		
<ul> <li>2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) AND A.4.3.5-1/17 THEN R ELSE N/A
<ul> <li>A.4.3.2-1/44a) AND (Á.4.3.2-1/24 OR A.4.3.2-1/24A) THÉN R ELSE N/A</li> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>	C326	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-
<ul> <li>C327 IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-2/7 AND ((A.4.3.2-2/7 AND ((A.4.3.2-2/7 AND ((A.4.3.2-2/7 AND ((A.4.3.2-2/7 AND ((A.4.3.2-2/7 AND ((A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR
<ul> <li>2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR A.4.3.2-1/44a) THEN R ELSE N/A</li> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		A.4.3.2-1/44a) AND (A.4.3.2-1/24 OR A.4.3.2-1/24A) THEN R ELSE N/A
A.4.3.2-1/44a) THEN R ELSE N/A NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1). NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20). NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).	C327	IF A.4.1-1/2 AND A.4.1-2/7 AND A.4.1-3/1 AND A.4.3.2-2/3 AND A.4.3.2-2/6 AND A.4.3.2-2/7 AND ((A.4.3.2-
<ul> <li>NOTE 1: Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).</li> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		2/8 AND A.4.3.2-2/10) OR (A.4.3.2-2/9 AND A.4.3.2-2/11)) AND (A.4.3.2-1/42a OR A.4.3.2-1/43a OR
<ul> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>		
<ul> <li>NOTE 2: Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related tests (A.4.3.2-1/20).</li> <li>NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).</li> </ul>	NOTE 1:	Cxxxx applicability is defined for enhanced type 1 receiver for NR related tests (A.4.3.9-1/1).
NOTE 3: Cxxxz applicability is defined for modified MPR behaviour related test (A.4.3.2-1/25).	NOTE 2:	Cxxxy applicability is defined for alternative additional DMRS position for co-existence with LTE CRS related
NOTE 4: Cxxxw applicability is defined for mor Power Boost related test (A 4 3 2-1/38)		
	NOTE 4:	Cxxxw applicability is defined for mpr Power Boost related test (A.4.3.2-1/38).

Code	Tested Bands Selection Criteria	Comment		
D001	A.4.3.1-1 OR A.4.3.1-2	All supported FDD or TDD FR1 bands		
D001	Void			
D002	A.4.3.1-5	All supported FR1 SUL Bands		
D000	{n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n28,	All supported bands among n1, n2, n3, n5, n7, n8, n12,		
0004	n30, n34, n38, n39, n40, n41, n50, n51, n65, n66,	n14, n20, n25, n28, n30, n34, n38, n39, n40, n41, n50,		
	n70, n71, n74, n75, n76}	n51, n65, n66, n70, n71, n74, n75, n76		
D005	A.4.3.1-3	All supported FR2 Bands		
D006	Void			
D007	Void			
D008	ANY((A.4.3.1-1) AND 10MHz)	Any FDD FR1 band within the set supporting 10 MHz		
2000		UE Channel BW		
D009	ANY((A.4.3.1-2) AND 20MHz)	Any TDD FR1 band within the set supporting 20 MHz		
2000		UE Channel BW		
D010	ANY((A.4.3.1-2) AND 40MHz)	Any TDD FR1 band within the set supporting 40 MHz		
		UE Channel BW		
D011	A.4.3.9-4a OR A.4.3.9-4b	All supported 4 Rx antenna ports Bands		
D012	A.4.3.9-12 AND FDD	All supported FDD FR1 band with UL MIMO capabilities		
D013	ANY((A.4.3.1-3) AND 50MHz)	Any TDD FR2 band within the set supporting 50 MHz		
		UE Channel BW		
D014	ANY((A.4.3.1-3) AND 100MHz)	Any TDD FR2 band within the set supporting 100 MHz		
		UE Channel BW		
D015	ANY((A.4.3.1-3) AND 200MHz)	Any TDD FR2 band within the set supporting 200 MHz		
		UE Channel BW		
D016	A.4.3.1-9	All supported FR1 sidelink bands		
D017	{n40, n41, n77, n78, n79}	All supported TDD bands among n40, n41, n77, n78,		
		n79		
D018	A.4.3.1-2/2e OR A.4.3.1-2/12	All supported FR1 Bands for operation with shared		
		spectrum channel access		
D019	{n34, n38, n39, n48, n90} AND 10MHz	All supported TDD FR1 bands among n34, n38, n39,		
		n48, n90 supporting 10MHz UE Channel BW		
D020	Void			
D021	Void			
D022	A.4.3.9-12 AND NOT A.4.3.1-5	All supported FDD or TDD FR1 Bands with UL MIMO		
		capabilities		
D023	A.4.3.9-13	All supported FR2 Bands with UL MIMO capabilities		
D024	A.4.3.9-12 AND A.4.3.1-5	All supported FR1 Bands with UL MIMO capabilities		
		and SUL bands		
D025	{n46, n96, n102} AND CCA	All supported TDD FR1 bands with CCA		
D026	Void			
D027	A.4.3.1-11	All supported NR NTN satellite bands in FR1		
D028	{n1, n3, n34, n39, n41, n78, n79}	All supported ATG bands among n1, n3, n34, n39, n41,		
NOTE	n78, n79			
NOTE	NOTE 1: Band Selection is based on set theory. For each feature, item number shall correspond to the Band			
		ne test shall be conducted. The following operators are		
	used: $(\Box)$ (at all AND (at			
	AND: Set intersection ( ). {n1,n2} AND {n2			
	OR: Set union ( ∪ ). {n1,n2} OR {n2,n3} = -			
	NOT: Set complement (\), full set being all ba			
	Also note that this is set without repetitions so	$\{n1\} \text{ AND } \{n1\} = \{n1\}$		
	The following basic sets are used:			
	{n1,n2}: Explicitly given band set			
	10MHz: All bands supporting 10 MH	Z		
l	FDD: All bands in FDD mode			

Table 4.0-2: Tested Bands Selection Criteria	

Table 4.0-3: Tested CA/DC Configuration Selection Criteria

Code	Tested CA/DC Configuration Selection Criteria	Comment
E001	DL_2CC(A.4.3.2A.2.1-3) AND A.4.3.2B.2.0-1/1 AND NOT UL(A.4.3.2A.2.1-2)	All supported intra-band contiguous CA Configurations with 2 carriers in DL but no CA in UL
E002	DL_2CC(A.4.3.2A.4.1-3) AND A.4.3.2B.2.0-1/1 AND NOT UL(A.4.3.2A.4.1-2)	All supported inter-band CA Configurations with 2 carriers in DL but no CA in UL
E003	UL_2CC(A.4.3.2B.2.1-2) AND A.4.3.2B.2.0-2/1	All supported Intra-band contiguous EN-DC configurations in FR1 (2UL CCs)
E003a	DL_2CC(A.4.3.2B.2.1-2) AND A.4.3.2B.2.0-1/1	All supported Intra-band contiguous EN-DC configurations in FR1 (2DL CCs)
E004	UL_2CC(A.4.3.2B.2.2-2) AND A.4.3.2B.2.0-2/1	All supported Intra-band non-contiguous EN- DC configurations in FR1 (2UL CCs)
E004a	DL_2CC(A.4.3.2B.2.2-2) AND A.4.3.2B.2.0-1/1	All supported Intra-band non-contiguous EN- DC configurations in FR1 (2DL CCs)
E005	UL_2CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-2/1	All supported Inter-band EN-DC configurations within FR1 (2UL CCs)
E005a	DL_2CC(A.4.3.2B.2.3.1-2) OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2 AND A.4.3.2B.2.0-1/1	All supported Inter-band EN-DC configurations within FR1 (2DL CCs)
E005b	UL_NR_1CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-2A/1	All supported Inter-band EN-DC configurations within FR1 with 1 UL NR CC and one or more LTE UL CC(s)
E005c	DL_NR_1CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-1A/1	All supported Inter-band EN-DC configurations within FR1 with 1 DL NR CC and one or more LTE DL CC(s)
E005d	A.4.3.2B.2.3.1-3	All supported PC2 Inter-band EN-DC configurations within FR1
E005z	UL_3CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-2/2 AND A.4.3.2B.2.0-2A/1	All supported Inter-band EN-DC configurations within FR1 (2UL E-UTRA CCs, 1UL NR CC)
E006	DL_3CC(A.4.3.2B.2.1-2 OR A.4.3.2B.2.2-2 OR A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-1/2	All supported EN-DC configurations within FR1 (3DL CCs)
E007	DL_4CC(A.4.3.2B.2.1-2 OR A.4.3.2B.2.2-2 OR A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-1/3	All supported EN-DC configurations within FR1 (4DL CCs)
E008	DL_5CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-1/4	All supported EN-DC configurations within FR1 (5DL CCs)
E009	DL_6CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-1/5	All supported EN-DC configurations within FR1 (6DL CCs)
E010	UL_NR_1CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-2A/1	All supported Inter-band EN-DC configurations including FR2 (1UL NR CC)
E010a	DL_NR_1CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-1A /1	All supported Inter-band EN-DC configurations including FR2 (1DL NR CC)
E011	UL_NR_2CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-2/2 AND A.4.3.2B.2.0-2A/2	All supported Inter-band EN-DC configurations including FR2 (2UL NR CCs)
E011a	DL_NR_2CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2           OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND           A.4.3.2B.2.0-1/2 AND A.4.3.2B.2.0-1A/2	All supported Inter-band EN-DC configurations including FR2 (2DL NR CCs)
E012	UL_NR_3CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-2/3 AND NR_A.4.3.2B.2.0-2A/3	All supported Inter-band EN-DC configurations including FR2 (3UL NR CCs)
E012a	DL_NR_3CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-1/3 AND A.4.3.2B.2.0-1A/3	All supported Inter-band EN-DC configurations including FR2 (3DL NR CCs)
E013	UL_NR_4CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-2/4 AND A.4.3.2B.2.0-2A/4	All supported Inter-band EN-DC configurations including FR2 (4UL NR CCs)

E013a	DL_NR_4CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-1/4 AND A.4.3.2B.2.0-1A/4	All supported Inter-band EN-DC configurations including FR2 (4DL NR CCs)
E014	DL_NR_5CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-1/5 AND A.4.3.2B.2.0-1A/5	All supported Inter-band EN-DC configurations including FR2 (5DL NR CCs)
E014a	UL_NR_5CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-2/4 AND A.4.3.2B.2.0-2A/5	All supported Inter-band EN-DC configurations including FR2 (5UL NR CCs)
E015	UL_2CC(A.4.3.2A.2.1-3 OR A.4.3.2A.3.1-3 OR A.4.3.2A.4.1-3 OR A.4.3.2A.4.2-3) AND A.4.3.2A.1- 2/1	All supported FR1 2UL CA configurations
E015a	A.4.3.2A.4.1-4	All supported PC2 Inter-band CA configurations within FR1
E015b	A.4.3.2B.1.0-2 AND A.4.3.2B.1.0a.1-2/1	All supported FR1 2UL NR-DC configurations
E016	DL_2CC(A.4.3.2A.2.1-3 OR A.4.3.2A.3.1-3 OR A.4.3.2A.4.1-3) AND A.4.3.2A.1-1/1	All supported FR1 2DL CA configurations
E017	DL_3CC(A.4.3.2A.2.1-3 OR A.4.3.2A.3.1-3 OR A.4.3.2A.4.1-3 OR A.4.3.2A.4.2-3) AND A.4.3.2A.1- 1/2	All supported FR1 3DL CA configurations
E018	DL_4CC(A.4.3.2A.2.1-3 OR A.4.3.2A.3.1-3 OR A.4.3.2A.4.1-3 OR A.4.3.2A.4.2-3) AND A.4.3.2A.1- 1/3	All supported FR1 4DL CA configurations
E018a	DL_5CC(A.4.3.2A.2.1-3 OR A.4.3.2A.3.1-3 OR A.4.3.2A.4.1-3 OR A.4.3.2A.4.2-3) AND A.4.3.2A.1- 1/4	All supported FR1 5DL CA configurations
E019	UL_2CC(ULTxSwitching(A.4.3.2A.4.1-3))	All supported FR1 2UL CA configurations with 1Tx-2Tx ULTxSwitching capability
E019a	UL_2CC(2Tx_ULTxSwitching(A.4.3.2A.4.1-3))	All supported FR1 2UL CA configurations with 2Tx-2Tx ULTxSwitching capability
E019b	UL_3CC(ULTxSwitching(A.4.3.2A.4.1-3))	All supported FR1 3UL CA configurations with 1Tx-2Tx ULTxSwitching capability
E019c	UL_3CC(2Tx_ULTxSwitching(A.4.3.2A.4.1-3))	All supported FR1 3UL CA configurations with 2Tx-2Tx ULTxSwitching capability
E020	UL_2CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-2/1	All supported FR2 2UL CA configurations
E021	UL_3CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-2/2	All supported FR2 3UL CA configurations
E022	UL_4CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-2/3	All supported FR2 4UL CA configurations
E023	UL_5CC(A.4.3.2A.2.2-3) AND A.4.3.2A.1-2/4	All supported FR2 5UL CA configurations
E024	UL_6CC(A.4.3.2A.2.2-3) AND A.4.3.2A.1-2/5	All supported FR2 6UL CA configurations
E025	UL_7CC(A.4.3.2A.2.2-3) AND A.4.3.2A.1-2/6	All supported FR2 7UL CA configurations
E026	UL_8CC(A.4.3.2A.2.2-3) AND A.4.3.2A.1-2/7	All supported FR2 8UL CA configurations
E027	DL_NR_2CC(A.4.3.2B.2.2-2) AND A.4.3.2B.2.0-1A/2	All supported Intra-band non-contiguous EN- DC configurations in FR1 (2DL NR CCs)
E028	DL_NR_3CC(A.4.3.2B.2.2-2) AND A.4.3.2B.2.0-1A/3	All supported Intra-band non-contiguous EN- DC configurations in FR1 (3DL NR CCs)
E028a	DL_NR_4CC(A.4.3.2B.2.2-2) AND A.4.3.2B.2.0-1A/4	All supported Intra-band non-contiguous EN- DC configurations in FR1 (4DL NR CCs)
E028b	DL_NR_5CC(A.4.3.2B.2.2-2) AND A.4.3.2B.2.0-1A/5	All supported Intra-band non-contiguous EN- DC configurations in FR1 (5DL NR CCs)
E029	DL_NR_2CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-1A/2	All supported Inter-band EN-DC configurations within FR1 (2DL NR CCs)
E030	DL_NR_3CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-1A/3	All supported Inter-band EN-DC configurations within FR1 (3DL NR CCs)
E030a	DL_NR_4CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-1A/4	All supported Inter-band EN-DC configurations within FR1 (4DL NR CCs)
E030b	DL_NR_5CC(A.4.3.2B.2.3.1-2 OR A.4.3.2B.2.3.2-2 OR A.4.3.2B.2.3.3-2 OR A.4.3.2B.2.3.4-2 OR A.4.3.2B.2.3.5-2) AND A.4.3.2B.2.0-1A/5	All supported Inter-band EN-DC configurations within FR1 (5DL NR CCs)
E031	A.4.3.2C.3-2	All supported FR1 intra-band contiguous 2DL CA with SUL in uplink Configurations

E031b	ULTxSwitching(A.4.3.2B.2.3.1-2)	All supported FR1 2UL inter-band EN-DC						
		configurations with ULTxSwitching capability						
E032	DL_2CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-1/1	All supported FR2 2DL CA configurations						
E033	DL_3CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-1/2	All supported FR2 3DL CA configurations						
E034	DL_4CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-1/3	All supported FR2 4DL CA configurations						
E035	DL_5CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-1/4	All supported FR2 5DL CA configurations						
E036	DL_6CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-1/5	All supported FR2 6DL CA configurations						
E037	DL_7CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-1/6	All supported FR2 7DL CA configurations						
E038	DL_8CC(A.4.3.2A.2.2-3 OR A.4.3.2A.3.2-3 OR A.4.3.2A.3.2-3a) AND A.4.3.2A.1-1/7	All supported FR2 8DL CA configurations						
E039	UL_NR_6CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-2/4 AND A.4.3.2B.2.0-2A/6	All supported Inter-band EN-DC configurations including FR2 (6UL NR CCs)						
E039a	DL_NR_6CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-1/5 AND A.4.3.2B.2.0-1A/5	All supported Inter-band EN-DC configurations including FR2 (6DL NR CCs)						
E040	UL_NR_7CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-2/4 AND A.4.3.2B.2.0-2A/7	All supported Inter-band EN-DC configurations including FR2 (7UL NR CCs)						
E040a	DL_NR_7CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-1/5 AND A.4.3.2B.2.0-1A/7	All supported Inter-band EN-DC configurations including FR2 (7DL NR CCs)						
E041	UL_NR_8CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-2/4 AND A.4.3.2B.2.0-2A/8	All supported Inter-band EN-DC configurations including FR2 (8UL NR CCs)						
E041a	DL_NR_8CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-1/5 AND A.4.3.2B.2.0-1A/8	All supported Inter-band EN-DC configurations including FR2 (8DL NR CCs)						
E042	Table A.4.3.2A.2.1-3a	All supported FR1 intra-band contiguous CA configuration with UL MIMO capabilities						
E043	UL_NR_1CC(A.4.3.2B.2.3.6-2 OR A.4.3.2B.2.3.7-2 OR A.4.3.2B.2.3.8-2 OR A.4.3.2B.2.3.9-2) AND A.4.3.2B.2.0-2A/1 AND A.4.3.9-13	All supported Inter-band EN-DC configurations including FR2 (1UL NR CC) and UL MIMO						
E044	ULTxSwitching(A.4.3.2C.2-1)	All supported FR1 SUL configurations with 1Tx-2Tx ULTxSwitching capability						
E044a	2Tx_ULTxSwitching(A.4.3.2C.2-1)	All supported FR1 SUL configurations with 2Tx-2Tx ULTxSwitching capability						
E044b	ULTxSwitching(A.4.3.2C.3-2)	All supported FR1 SUL/intra-band CA configurations with 1Tx-2Tx ULTxSwitching capability						
E044c	2Tx_ULTxSwitching(A.4.3.2C.3-2)	All supported FR1 SUL/intra-band CA configurations with 2Tx-2Tx ULTxSwitching capability						
	UL(table_index) includes all supported CA Configurations v declared in column "Supported CA Bandwidth Class(es) in	where at least one UL CA configuration was						
NOTE 2:	UL_nCC(table_index) includes all supported CA or DC Cor DC configuration was declared in column "Supported CA B Bandwidth Class(es) in UL" in Table table_index in TS 38.5	figurations where at least one n-carrier UL CA or andwidth Class(es) in UL" or "Supported EN-DC						
NOTE 3:	UL_NR_nCC( <i>table_index</i> ) includes all supported DC Config with <i>n</i> -carrier NR UL CA configuration was declared in colu UL" in Table <i>table_index</i> in TS 38.508-2 [8].	gurations where at least one DC configuration						
NOTE 4:	DL_nCC( <i>table_index</i> ) includes all supported <i>n</i> -carrier CA/DC Configurations in Table <i>table_index</i> in TS 8.508-2 [8].							
NOTE 5:	DL_NR_nCC( <i>table_index</i> ) includes all supported DC Configurations with <i>n</i> -carrier NR DL CA configuration in Table <i>table_index</i> in TS 38.508-2 [8].							
NOTE 6:	<ul> <li>E 6: ULTxSwitching(<i>table_index</i>) includes all supported CA/DC/SUL Configurations where at least one uplink band pair was declared in column "Supported ULTxSwitching Band Pair" in Table <i>table_index</i> in TS 38.508-2 [8]. 2Tx_ULTxSwitching(<i>table_index</i>) includes all supported CA/DC/SUL Configurations where at least one uplink band pair was declared in column "Supported 2Tx-2Tx ULTxSwitching Band Pair" in Table <i>table_index</i> in TS 38.508-2 [8].</li> </ul>							

Code	Tested Bands Selection Criteria	Comment
F001	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-	UEs supporting EN-DC FR1 AND CSI-RS based
	4/5) AND A.4.1-3/2 AND A.4.3.2-1/9 THEN R	PRACH
	ELSE N/A	
F002	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-	UEs supporting EN-DC FR1 and long DRX cycle
	4/5) AND A.4.1-3/2 AND A.4.3.5-1/1 THEN R	
	ELSE N/A	
F003	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND	UEs supporting EN-DC FR2 and CSI-RS based
F004	A.4.3.2-1/9 THEN R ELSE N/A IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND	PRACH UEs supporting EN-DC FR2 and long DRX cycle
F004	A.4.3.5-1/1 THEN R ELSE N/A	DES Supporting EN-DC FRZ and long DRX cycle
F005	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/1 AND	UEs supporting 5GS NR SA FR1 and CSI-RS based
	4.3.2-1/9 THEN R ELSE N/A	PRACH
F006	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND	UEs supporting 5GS NR SA FR1 and long DRX cycle
	A.4.1-3/1 AND A.4.3.5-1/1 THEN R ELSE N/A	
F007	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND	UEs supporting 5GS NR SA FR2 and CSI-RS based
	4.3.2-1/9 THEN R ELSE N/A	PRACH
F008	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND A.4.3.5-1/1 THEN R ELSE N/A	UEs supporting 5GS NR SA FR2 and long DRX cycle
F009	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/1 AND	1Rx RedCap UEs supporting 5GS NR SA FR1 and
1 003	4.3.2-1/9 AND A.4.3.12-1/2 AND A.4.3.1-7a/4	CSI-RS based PRACH
	THEN R ELSE N/A	
F010	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-3/1 AND	2Rx RedCap UEs supporting 5GS NR SA FR1 and
	4.3.2-1/9 AND A.4.3.12-1/2 AND A.4.3.1-7a/1	CSI-RS based PRACH
<b>F</b> 044		
F011	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND	1Rx RedCap UEs supporting 5GS NR SA FR1 and long
	A.4.1-3/1 AND A.4.3.2-1/46 AND A.4.3.12-1/2 AND A.4.3.1-7a/1 THEN R ELSE N/A	DRX cycle
F012	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND	2Rx RedCap UEs supporting 5GS NR SA FR1 and long
	A.4.1-3/1 AND A.4.3.5-1/1 AND A.4.3.12-1/2 AND	DRX cycle
	A.4.3.1-7a/1 THEN R ELSE N/A	
F013	IF A.4.1-1/2 AND A.4.1-2/8 AND A.4.1-3/1 AND	RedCap UEs supporting 5GS NR SA FR2 and CSI-RS
	A.4.3.12-1/2 AND 4.3.2-1/9 THEN R ELSE N/A	based PRACH
F014	IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND	UEs supporting EN-DC FR2 and per-FR gap
F015	A.4.3.6-1/2 THEN R ELSE N/A IF (A.4.1-4/4 OR A.4.1-4/5) AND A.4.1-3/2 AND	UEs supporting EN-DC FR2, per-FR gap and long DRX
1015	A.4.3.5-1/1 AND A.4.3.6-1/2 THEN R ELSE N/A	cycle
F016	IF (A.4.1-4/1 OR A.4.1-4/2 OR A.4.1-4/3 OR A.4.1-	UEs supporting EN-DC FR1, inter-frequency
	4/5) AND A.4.1-3/2 AND A.4.3.11-1/7 AND	measurement enhancements in HST, per-FR gap and
	A.4.3.6-1/2 AND A.4.3.6-1/21 THEN R ELSE N/A	Gap Pattern 4
F017	IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-2/7 AND	UEs supporting 5GS NR SA FR1, inter-freq
	A.4.1-3/1 AND A.4.3.11-1/7 AND A.4.3.6-1/2 AND A.4.3.6-1/21 THEN R ELSE N/A	measurement enhancements in HST, per-FR gap and
F018	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1	Gap Pattern 4 UEs supporting E-UTRA, NR FR1 measurement, per-
1010	AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1-	FR gap and Gap Pattern 4
	1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-	
	2/7 AND A.4.3.6-1/2 AND A.4.3.6-1/21 THEN R	
5010	ELSE N/A	
F019	IF ((A.4.1-1/1 AND [10]A.4.1-1/1) OR (A.4.1-1/1	UEs supporting E-UTRA, NR FR1 measurement, long
	AND [10]A.4.1-1/2) OR (A.4.1-1/2 AND [10]A.4.1- 1/1) OR (A.4.1-1/2 AND [10]A.4.1-1/2)) AND A.4.1-	DRX cycle, per-FR gap and Gap Pattern 4
	2/7 AND A.4.3.5-1/1 AND A.4.3.6-1/2 AND A.4.3.6-	
	1/21 THEN R ELSE N/A	
F020	IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1	2Rx RedCap UEs supporting 5GS NR SA FR1, E-
	OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1	UTRA, per-FR gap and Gap Pattern 4
	AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND	
Fact	A.4.3.6-1/2 AND A.4.3.6-1/11 THEN R ELSE N/A	
F021	IF ([10]A.4.1-1/1 OR [10]A.4.1-1/2) AND (A.4.1-1/1	2Rx RedCap UEs supporting 5GS NR SA FR1, E-
	OR A.4.1-1/2 OR A.4.3.12-1/5) AND A.4.1-3/1 AND A.4.3.12-1/2 AND Table A.4.3.1-7a/1 AND	UTRA, long DRX cycle, per-FR gap and Gap Pattern 4
	A.4.3.6-1/2 AND A.4.3.6-1/11 AND A.4.3.5-1/1	
	THEN R ELSE N/A	
F022	IF A.4.3.2-1/20 THEN R ELSE N/A	UE supporting alternative additional DMRS position for
		co-existence with LTE CRS
F023	IF A.4.3.2-1/2 THEN R ELSE N/A	UE supporting 256QAM for PDSCH for FR1

Table 4.0-4: Subtest Selection Criteria for performance and RRM test cases

### 4.1 RF conformance test cases

NOTE: To determine applicability of a test case, supported CBW and SCS in the *RF-Parameters* IE (see TS 38.331 [11]) which conveys RF related capabilities for NR operation is taken into account.

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4.1.1 FR1 standalone conformance test cases

Table 4.1.1-1: Applicability of RF SA FR1 conformance test cases, ref. TS 38.521-1 [1]

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Clause	TC Title	Release	Applicability		Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	-		
6	Transmitter Characteristics						
6.2.1	UE maximum output power	Rel-15	C001I	UEs supporting 5GS FR1 not supporting txDiversity-r16 and not supporting RedCap	D001	PC1 PC2 PC3	TC 6.2.1 is skipped if TC 6.2G.1 is executed.
6.2.2	UE maximum output power reduction	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001	PC1 PC2 PC3	Test execution is not necessary if TS 38.521-1 TC 6.5.2.4.1 is executed. Skip TC 6.2.2 if UE supports NSA and TS 38.521-3 TC 6.2B.2.3 or 6.5B.2.3.3.1 has been executed. TC 6.2.2 is skipped if TC 6.2G.2 is executed.
6.2.3	UE additional maximum output power reduction	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001	PC1 PC2 PC3	Test execution is not necessary if TS 38.521-1 TC 6.5.2.3, 6.5.2.4.2 and 6.5.3.3 are executed. Skip TC 6.2.3 if UE supports NSA and TS 38.521-3 TC 6.2B.3.3 has been executed or TS 38.521-3 TCs 6.5B.2.3.2, 6.5B.2.3.2, 6.5B.4.3 have been executed. TC 6.2.3 is skipped if TC 6.2G.3 is executed.
6.2.4	Configured transmitted power	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001	PC1 PC2 PC3	TC 6.2.4 is skipped if TC 6.2G.4 is executed.
6.2A.1.1	UE maximum output power for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015 E015a	Inter-band CA: PC2, PC3	

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	Selection		
6.2A.2.1	UE maximum output power reduction for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015 E015a	Inter-band CA: PC2, PC3 Intra-band contiguous CA: PC2, PC3 Intra-band non- contiguous CA: PC3 (NOTE 1)	Test execution is not necessary if TS 38.521-1 TC 6.5A.2.4.1.1 is executed.
6.2A.3.1	UE additional maximum output power reduction for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015 E015a	Inter-band CA: PC2, PC3 Intra-band contiguous CA: PC2, PC3	Test execution is not necessary if TS 38.521-1 TC 6.5A.2.3 and 6.5A.3.3 are executed.
6.2A.4.1	Configured transmitted power for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015 E015a	Inter-band CA: PC2, PC3 Intra-band contiguous CA: PC2, PC3 Intra-band non- contiguous CA: PC3 (NOTE 1)	
6.2B.1.1	UE maximum output power for NR-DC	Rel-16	C004a	UEs supporting 5GS FR1 and NR-DC	E015b		
6.2B.2.1	UE maximum output power reduction for NR- DC	Rel-16	C004a	UEs supporting 5GS FR1 and NR-DC	E015b		Test execution is not necessary if TS 38.521-1 TC 6.5B.2.4 is executed.
6.2B.3.1	UE additional maximum output power reduction for NR-DC	Rel-16	C004a	UEs supporting 5GS FR1 and NR-DC	E015b		Test execution is not necessary if TS 38.521-1 TC 6.5B.2.3 and 6.5B.3.3 are executed.
6.2B.4.1	Configured transmitted power level for NR-DC	Rel-16	C004a	UEs supporting 5GS FR1 and NR-DC	E015b		
6.2C.1	Configured transmitted power for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	Colociton		
6.2C.3	UE maximum output power for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.2C.4	UE maximum output power reduction for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2 Test execution is not necessary if TS 38.521-1 TC 6.5C.2.4.1 is executed.
6.2C.5	UE additional maximum output power reduction for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.2D.1	UE maximum output power for UL MIMO	Rel-15	N/A	No test point applicable to Rel- 15 UE	D022	PC1.5 PC2 PC3	
		Rel-16	C003b	UEs supporting 5GS FR1 and ULFPTx			
6.2D.1_1	UE maximum output power for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.2D.2	UE maximum output power reduction for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022	PC1.5 PC2 PC3	Test execution is not necessary if TS 38.521-1 TC 6.5D.2.4.1 is executed.
		Rel-16	C003b	UEs supporting 5GS FR1 and ULFPTx			
6.2D.2_1	UE maximum output power reduction for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		Test execution is not necessary if TS 38.521-1 TC 6.5D.2.4.1_1 is executed.
6.2D.3	UE additional maximum output power reduction for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022	PC1.5 (NOTE 1) PC2 PC3	Test execution is not necessary if TS 38.521-1 TC 6.5D.2.3, 6.5D.2.4.2 and 6.5D.3.3 are executed.
		Rel-16	C003b	UEs supporting 5GS FR1 and ULFPTx			
6.2D.3_1	UE additional maximum output power reduction for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.2D.4	Configured transmitted power for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022	PC1.5 PC2 PC3	

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
		Rel-16	C003b	UEs supporting 5GS FR1 and ULFPTx			
6.2D.4_1	Configured transmitted power for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.2E.2.1	UE maximum output power reduction for V2X / non-concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		Test execution is not necessary if TS 38.521-1 TC 6.5E.2.4.1 is executed.
6.2E.2.2	UE maximum output power reduction for V2X / concurrent operation	FFS	FFS	FFS	FFS		
6.2E.3.1	UE additional maximum output power reduction for V2X / non-concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		Test execution is not necessary if TS 38.521-1 TC 6.5E.2.3.1 is executed.
6.2E.3.1D	UE additional maximum output power reduction for V2X / non-concurrent operation / SL-MIMO	Rel-16	C079b	UEs supporting 5GS FR1 and NR sidelink and SL-MIMO	D016		Test execution is not necessary if TS 38.521-1 TC 6.5E.2.3.1D is executed.
6.2F.1	UE maximum output power for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
6.2F.2	UE maximum output power reduction for shared spectrum access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.2F.3	UE additional maximum output power reduction for shared spectrum access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
6.2F.4	Configured transmitted power for shared spectrum access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.2G.1	UE maximum output power for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.2G.2	UE maximum output power reduction for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	Test execution is not necessary if TS 38.521-1 TC 6.5G.2.3.1 is executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	1		
6.2G.3	UE additional maximum output power reduction for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	Test execution is not necessary if TS 38.521-1 TC 6.5G.2.2 and 6.5G.3.3 are executed.
6.2G.4	Configured transmitted power for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.2H.1.2	UE maximum output power reduction for intra- band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	Test execution is not necessary if TS 38.521-1 TC 6.5H.1.2.1 is executed.
6.2H.1.3	UE additional maximum output power reduction for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	Test execution is not necessary if TS 38.521-1 TC 6.5H.1.2.3 is executed.
6.2H.1.4	Configured transmitted power for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.2I.1	UE maximum output power for RedCap	Rel-17	C177	RedCap UEs supporting 5GS FR1	D001		
6.21.2	Void						
6.21.3	Void						
6.21.4	Void						
6.2J.1	UE maximum output power for ATG	Rel-18	C001n		D028		NOTE 1
6.2J.2	Configured transmitted power for ATG	Rel-18	C001n		D028		NOTE 1
6.3.1	Minimum output power	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		TC 6.3.1 is skipped if TC 6.3G.1 is executed.
6.3.3.2	General ON/OFF time mask	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.3.3.2 if UE supports NSA and TS 38.521-3 TC 6.3B.3.1 or 6.3B.3.2 or 6.3B.3.3 has been executed. TC 6.3.3.2 is skipped if TC 6.3G.3.1 is executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3.3.4	PRACH time mask	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.3.3.4 if UE supports NSA and TS 38.521-3 TC 6.3B.4.1 or 6.3B.4.2 or 6.3B.4.3 has been executed. TC 6.3.3.4 is skipped if TC 6.3G.3.2 is executed.
6.3.3.6	SRS time mask	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		TC 6.3.3.6 is skipped if TC 6.3G.3.3 is executed.
6.3.4.2	Absolute power tolerance	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		TC 6.3.4.2 is skipped if TC 6.3G.4.1 is executed.
6.3.4.3	Relative power tolerance	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		TC 6.3.4.3 is skipped if TC 6.3G.4.2 is executed.
6.3F.4.3	Relative power tolerance for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.3.4.4	Aggregate power tolerance	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		TC 6.3.4.4 is skipped if TC 6.3G.4.3 is executed.
6.3A.1.1	Minimum output power for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015		
6.3A.3.1	Transmit ON/OFF time mask for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015		
6.3A.3.2	Time mask for switching between two uplink carriers	Rel-16	C051	UEs supporting 5GS FR1 and Inter-band CA (2UL CA) and dynamic 1Tx-2Tx UL Tx switching	E019		
6.3A.3.3	Time mask for switching between two uplink carriers with two transmit antenna connectors	Rel-17	C051b	UEs supporting 5GS FR1 and Inter-band CA (2UL CA) and dynamic 2Tx-2Tx UL Tx switching	E019a		
6.3A.3.4	Time mask for switching between one uplink band with one transmit antenna connector and one uplink band with two transmit antenna connectors (3UL CA)	Rel-17	C051d	UEs supporting 5GS FR1 and inter-band/intra-band CA (3UL CA) and dynamic 1Tx-2Tx UL Tx switching.	E019b		

Clause	TC Title Re			Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3A.3.5	Time mask for switching between two uplink bands with two transmit antenna connectors (3UL CA)	Rel-17	C051f	UEs supporting 5GS FR1 and inter-band/intra-band CA (3UL CA) and dynamic 2Tx-2Tx UL Tx switching.	E019c		
6.3A.4.1.1	Absolute power tolerance for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015		
6.3A.4.2.1	Relative power tolerance for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015		
6.3A.4.3.1	Aggregate power tolerance for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015		
6.3C.1	Minimum output power for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.3C.3.1	General transmit ON/OFF time mask for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.3C.3.2	General transmit ON/OFF time mask for switching between two uplink carriers	Rel-16	C178	UEs supporting 5GS FR1 and SUL and dynamic UL 1Tx-2Tx switching	E44		NOTE 2
6.3C.3.3	Time mask for switching between two uplink carriers with two transmit antenna connectors	Rel-17	C178a	UEs supporting 5GS FR1 and SUL and dynamic UL 2Tx-2Tx switching	E044a		
6.3C.3.4	Time mask for switching between one uplink band with one transmit antenna connector and one uplink band with two transmit antenna connectors	Rel-17	C178b	UEs supporting 5GS FR1 and SUL with intra-band contiguous CA and dynamic UL 1Tx-2Tx switching	E044b		
6.3C.3.5	Time mask for switching between two uplink bands with two transmit antenna connectors	Rel-17	C178c	UEs supporting 5GS FR1 and SUL with intra-band contiguous CA and dynamic UL 2Tx-2Tx switching	E044c		
6.3C.4.1	Absolute power tolerance for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.3C.4.2	Relative power tolerance for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.3C.4.3	Aggregate power tolerance for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.3D.1	Minimum output power for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.3D.1_1	Minimum output power for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.3D.3	Transmit ON/OFF time mask for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3D.3_1	Transmit ON/OFF time mask for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.3D.4.1	Absolute power tolerance for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.3D.4.1_1	Absolute power tolerance for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.3D.4.2	Relative power tolerance for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.3D.4.2_1	Relative power tolerance for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.3D.4.3	Aggregate power tolerance for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.3D.4.3_1	Aggregate power tolerance for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.3E.1.1	Minimum output power for V2X / non- concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
6.3E.1.1D	Minimum output power for V2X / non- concurrent operation / SL-MIMO	Rel-16	C100	UEs supporting 5GS FR1 and NR sidelink and SL-MIMO	D016		NOTE 1
6.3F.1	Minimum output power	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.3F.4.2	Absolute power tolerance for shared spectrum access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.3G.1	Minimum output power for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.3G.3.1	General ON/OFF time mask for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.3G.3.2	PRACH time mask for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.3G.3.3	SRS time mask for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.3G.4.1	Absolute power tolerance for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	1		
6.3G.4.2	Relative power tolerance for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.3G.4.3	Aggregate power tolerance for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.3H.1.1	Minimum output power for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.3H.1.3	Transmit ON/OFF time mask for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.3J.1	Minimum output power for ATG	Rel-18	C001n	UEs supporting 5GS FR1 ATG	D028		NOTE 1
6.4.1	Frequency error	Rel-15	C001h	supporting txDiversity-r16	D001		Skip TC 6.4.1 if UE supports NSA and TS 38.521-3 TC 6.4B.1.1 or 6.4B.1.2 or 6.4B.1.3 has been executed. TC 6.4.1 is skipped if TC 6.4G.1 is executed.
6.4.2.1	Error vector magnitude	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.4.2.1 if UE supports NSA and TS 38.521-3 TC 6.4B.2.1.1 or 6.4B.2.2.1 or 6.4B.2.3.1 has been executed. TC 6.4.2.1 is skipped if TC 6.4G.2.1 is executed.
6.4.2.1a	Error Vector Magnitude including symbols with transient period	Rel-16	C156	UEs supporting 5GS FR1 AND Band supporting enhancedUL- TransientPeriod and not supporting txDiversity-r16	D001		NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	Selection		
6.4.2.2	Carrier leakage	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.4.2.2 if UE supports NSA and TS 38.521-3 TC 6.4B.2.1.2 or 6.4B.2.2.2 or 6.4B.2.3.2 has been executed. TC 6.4.2.2 is skipped if TC 6.4G.2.2 is executed.
6.4.2.3	In-band emissions	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.4.2.3 if UE supports NSA and TS 38.521-3 TC 6.4B.2.2.3 or 6.4B.2.3.3 has been executed. TC 6.4.2.3 is skipped if TC 6.4G.2.3 is executed.
6.4.2.4	EVM equalizer spectrum flatness	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.4.2.4 if UE supports NSA and TS 38.521-3 TC 6.4B.2.1.4 or 6.4B.2.2.4 or 6.4B.2.3.4 has been executed. TC 6.4.2.4 is skipped if TC 6.4G.2.4 is executed.
6.4.2.5	EVM equalizer spectrum flatness for Pi/2 BPSK	Rel-15	C050	UEs supporting 5GS FR1 Power Class 3 and pi/2-BPSK modulation scheme for power boosting in FR1	D017	PC3	
		Rel-16	C111	UEs supporting 5GS FR1 and pi/2-BPSK modulation scheme and low PAPR DMRS	D001		
6.4.2.6	Phase continuity requirements for DMRS bundling	Rel17	FFS	UEs supporting 5GS FR1 and DMRS bundling	D005		NOTE 1 Skip TC 6.4.2.6 if UE supports NSA and TS 38.521-3 TC [TBD] has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4A.1.1	Frequency error for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Inter-band CA: PC3 Intra-band contiguous CA: PC3 Intra-band non- contiguous CA: PC3 (NOTE 1)	
6.4A.2.1.1	Error vector magnitude for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Inter-band CA: PC3 Intra-band contiguous CA: PC3 Intra-band non- contiguous CA: PC3 (NOTE 1)	
6.4A.2.2.1	Carrier leakage for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Inter-band CA: PC3 Intra-band contiguous CA: PC3 Intra-band non- contiguous CA: PC3 (NOTE 1)	
6.4A.2.3.1	In-band emissions for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Inter-band CA: PC3 Intra-band contiguous CA: PC3 Intra-band non- contiguous CA: PC3 (NOTE 1)	
6.4C.1	Frequency error for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2

Clause	TC Title	TC Title Release Applicabili		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4C.2.1	Error vector magnitude for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.4C.2.2	Carrier leakage for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.4C.2.3	In-band emissions for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.4C.2.4	EVM equalizer spectrum flatness for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.4C.2.5	EVM equalizer spectrum flatness for Pi/2 BPSK for SUL	Rel-16	C112	UEs supporting 5GS FR1 and SUL and pi/2-BPSK modulation scheme and low PAPR DMRS	D003		NOTE 2
6.4D.1	Frequency error for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.4D.1_1	Frequency error for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.4D.2.1	Error vector magnitude for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.4D.2.1_1	Error Vector Magnitude for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.4D.2.2	Carrier leakage for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.4D.2.2_1	Carrier leakage for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.4D.2.3	In-band emissions for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.4D.2.3_1	In-band emissions for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.4D.2.4	EVM equalizer spectrum flatness for UL MIMO		C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.4D.2.4_1	EVM equalizer spectrum flatness for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.4D.3	Time alignment error for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4D.3_1	Time alignment error for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.4D.4	Requirements for coherent UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
6.4E.2.2.1	Error Vector Magnitude for V2X / non- concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		NOTE 1
6.4E.2.2.1D	Error Vector Magnitude for V2X / non- concurrent operation / SL-MIMO	Rel-16	C100	UEs supporting 5GS FR1 and NR sidelink and SL-MIMO	D016		NOTE 1
6.4E.2.4.1	In-band emissions for V2X / non-concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		NOTE 1
6.4E.2.4.1D	In-band emissions for V2X / non-concurrent operation / SL-MIMO	Rel-16	C100	UEs supporting 5GS FR1 and NR sidelink and SL-MIMO	D016		NOTE 1
6.4F.1	Frequency error	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.4F.2.1	Error Vector Magnitude	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.4F.2.2	Carrier leakage	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.4G.1	Frequency error for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.4G.2.1	Error vector magnitude for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.4G.2.2	Carrier leakage for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.4G.2.3	In-band emissions for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.4G.2.4	EVM equalizer spectrum flatness for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.4H.1.1	Frequency error for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.4H.1.2.1	Error Vector Magnitude for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4H.1.2.2	Carrier leakage for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.4H.1.2.3	In-band emissions for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.4H.1.3	Time alignment error for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.4H.1.4	Coherent UL MIMO for intra-band UL contiguous CA with UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	NOTE 1
6.5.1	Occupied bandwidth	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.5.1 if UE supports NSA and TS 38.521-3 TC 6.5B.1.2 or 6.5B.1.3 has been executed. TC 6.5.1 is skipped if TC 6.5G.1 is executed.
6.5.2.2	Spectrum emission mask	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001	PC1 PC2 PC3	Skip TC 6.5.2.2 if UE supports NSA and TS 38.521-3 TC 6.5B.2.2.1 or 6.5B.2.3.1 has been executed. TC 6.5.1 is skipped if TC 6.5G.1 is executed.
6.5.2.3	Additional spectrum emission mask	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001	PC1 PC2 PC3	Skip TC 6.5.2.3 if UE supports NSA and TS 38.521-3 TC 6.5B.2.3.2 has been executed. TC 6.5.2.3 is skipped if TC 6.5G.2.2 is executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	1		
6.5.2.4.1	NR ACLR	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001	PC1 PC2 PC3	Skip TC 6.5.2.4.1 if UE supports NSA and TS 38.521-3 TC 6.5B.2.3.3.1 has been executed. TC 6.5.2.4.1 is skipped if TC 6.5G.2.3.1 is executed.
6.5.2.4.2	UTRA ACLR	Rel-15	C001a	UEs supporting 5GS FR1 PC3 not supporting txDiversity-r16	D001		Skip TC 6.5.2.4.2 if UE supports NSA and TS 38.521-3 TC 6.5B.2.3.3.2 has been executed. TC 6.5.2.4.2 is skipped if TC 6.5G.2.3.1 is executed.
6.5.3.1	General spurious emissions	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.5.3.1 if UE supports NSA and TS 38.521-3 TC 6.5B.3.1.1 or 6.5B.3.2.1 or 6.5B.3.3.1(non- exception requirements) has been executed. TC 6.5.3.1 is skipped if TC 6.5G.3.1 is executed.
6.5.3.2	Spurious emissions for UE co-existence	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.5.3.2 if UE supports NSA and TS 38.521-3 TC 6.5B.3.3.2 (non- exception requirements) has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5.3.3	Additional spurious emissions	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.5.3.3 if UE supports NSA and TS 38.521-3 TC 6.5B.4.3 has been executed. TC 6.5.3.3 is skipped if TC 6.5G.3.3 is executed.
6.5.4	Transmit intermodulation	Rel-15	C001h	UEs supporting 5GS FR1 not supporting txDiversity-r16	D001		Skip TC 6.5.4 if UE supports NSA and TS 38.521-3 TC 6.5B.5.3 has been executed. TC 6.5.4 is skipped if TC 6.5G.4 is executed.
6.5A.1.1	Occupied bandwidth for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Inter-band CA: PC3 Intra-band contiguous CA: PC3 Intra-band non- contiguous CA: PC3 (NOTE 1)	
6.5A.2.2.1	Spectrum emission mask for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015 E015a	Inter-band CA: PC2, PC3 Intra-band contiguous CA: PC2, PC3	
6.5A.2.3.1	Additional spectrum emission mask for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Intra-band contiguous CA: PC2, PC3	
6.5A.2.4.1.1	NR ACLR for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015 E015a	Inter-band CA: PC2, PC3 Intra-band contiguous CA: PC2, PC3	
6.5A.2.4.2.1	UTRA ACLR for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Inter-band CA: PC3	

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5A.3.1.1	General spurious emissions for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Inter-band CA: PC3 Intra-band contiguous CA: PC2, PC3	
6.5A.3.2.1	Spurious emissions for UE co-existence for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Inter-band CA: PC3 Intra-band contiguous CA: PC2, PC3	
6.5A.3.3.1	Additional spurious emissions for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Intra-band contiguous CA: PC2, PC3	
6.5A.4.1	Transmit intermodulation for CA (2UL CA)	Rel-15	C004	UEs supporting 5GS FR1 and CA (2UL CA)	E015	Inter-band CA: PC3 Intra-band contiguous CA: PC3 Intra-band non- contiguous CA: PC3 (NOTE 1)	
6.5C.1	Occupied bandwidth for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.5C.2.2	Spectrum emission mask for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.5C.2.3	Additional spectrum emission mask for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.5C.2.4.1	NR ACLR for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.5C.2.4.2	UTRA ACLR for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.5C.3.1	General spurious emissions for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.5C.3.2	Spurious emissions for UE co-existence for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.5C.3.3	Additional spurious emissions for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2
6.5C.4	Transmit intermodulation for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		NOTE 2

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5D.1	Occupied bandwidth for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.5D.1_2	Occupied bandwidth for SUL with UL MIMO		C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.5D.2.2	Spectrum emission mask for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
		Rel-16	C003b	UEs supporting 5GS FR1 and ULFPTx			
6.5D.2.2_1	Spectrum emission mask for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.5D.2.3	Additional spectrum emission mask for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.5D.2.4.1	NR ACLR for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
		Rel-16	C003b	UEs supporting 5GS FR1 and ULFPTx			
6.5D.2.4.1_1	NR ACLR for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.5D.2.4.2	UTRA ACLR for UL MIMO	Rel-15y	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.5D.2.4.2_1	UTRA ACLR for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.5D.3.1	General spurious emissions for UL MIMO	Rel-15 only	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.5D.3.2	Spurious emissions for UE co-existence for UL MIMO	Rel-15 only	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.5D.3.3	Additional spurious emissions for UL MIMO	Rel-15 only	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.5D.3_1.1	General spurious emissions for UL MIMO (Rel- 16 onward)	Rel-16	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.5D.3_1.2	Spurious emission for UE co-existence for UL MIMO (Rel-16 onward)	Rel-16	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	-		
6.5D.3_1.3	Additional spurious emissions for UL MIMO (Rel-16 onward)	Rel-16	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.5D.3_2.1	General spurious emissions for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.5D.3_2.2	Spurious emissions for UE co-existence for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.5D.3_2.3	Additional spurious emissions for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.5D.4	Transmit intermodulation for UL MIMO	Rel-15	C003	UEs supporting 5GS FR1 and 2-layer codebook based UL MIMO	D022		
6.5D.4_1	Transmit intermodulation for SUL with UL MIMO	Rel-17	C179	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
6.5E.2.2.1	Spectrum emission mask for V2X / non- concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
6.5E.2.3.1	Additional Spectrum emission mask for V2X / non-concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
6.5E.2.3.1D	Additional Spectrum emission mask for V2X / non-concurrent operation / SL-MIMO	Rel-16	C079b	UEs supporting 5GS FR1 and NR sidelink and SL-MIMO	D016		
6.5E.2.4.1	Adjacent channel leakage ratio for V2X / non- concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
6.5E.3.2.1	Spurious emissions for UE co-existence for V2X / non-concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		NOTE 1
6.5E.3.3.1	Additional spurious emissions requirements for V2X / non-concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
6.5F.1	Occupied bandwidth for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.5F.2.2	Spectrum emission mask for operation with shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
6.5F.2.4	Adjacent channel leakage ratio for operation with shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
6.5F.2.4.2	Shared spectrum channel access ACLR with additional requirement for NS_29	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.5F.3.1	General spurious emissions	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	1		
6.5F.3.3	Additional spurious emissions for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.5F.4	Transmit intermodulation for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		NOTE 1
6.5G.1	Occupied bandwidth for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.5G.2.1	Spectrum emission mask for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.5G.2.2	Additional spectrum emission mask for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.5G.2.3.1	NR ACLR for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.5G.2.3.2	UTRA ACLR for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC3	
6.5G.3.1	General spurious emissions for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.5G.3.2	Spurious emissions for UE co-existence for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.5G.3.3	Additional spurious emissions for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.5G.4	Transmit intermodulation for Tx Diversity	Rel-15	C001g	UEs supporting 5GS FR1 and supporting txDiversity-r16	D001	PC1.5 PC2 PC3	
6.5H.1.1	Occupied bandwidth for intra-band UL contiguous CA for UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.5H.1.2.1	Spectrum emission mask for intra-band UL contiguous CA for UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.5H.1.2.2	Additional spectrum emission mask for intra- band UL contiguous CA for UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5H.1.2.3	NR ACLR for intra-band UL contiguous CA for UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.5H.1.3.1	General spurious emissions for intra-band UL contiguous CA for UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.5H.1.3.2	Spurious emissions for UE co-existence for intra-band UL contiguous CA for UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.5H.1.3.3	Additional spurious emissions for intra-band UL contiguous CA for UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.5H.1.4	Transmit intermodulation for intra-band UL contiguous CA for UL MIMO	Rel-15	C285	UEs supporting 5GS FR1 and intra-band contiguous CA (2UL CA) and MIMO.	E042	PC2 PC3	
6.5J.1	Occupied bandwidth for ATG	Rel-18	C001n	UEs supporting 5GS FR1 ATG	D028		NOTE 1
6.5J.3.1	General spurious emissions for ATG	Rel-18	C001n	UEs supporting 5GS FR1 ATG	D028		NOTE 1
7	Receiver Characteristics						
7.3.2	Reference sensitivity power level	Rel-15	C001h	UEs supporting 5GS FR1 and not supporting RedCap	D001	2Rx 4Rx PC2 PC3	
7.3A.1	Reference sensitivity power level for 2DL CA without exception	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016	PC2 PC3	
7.3A.1_1	Reference sensitivity power level for 2DL CA exceptions	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016 E015a		
7.3A.2	Reference sensitivity power level for 3DL CA without exceptions	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017		
7.3A.2_1	Reference sensitivity power level for 3DL CA exceptions	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017		
7.3A.3	Reference sensitivity power level for 4DL CA	Rel-15	C036	UEs supporting 5GS FR1 and CA (4DL CA)	E018		
7.3C.2	Reference sensitivity power level for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		
7.3D.2	Reference sensitivity power level for UL MIMO	Rel-15	C003a	UEs supporting 5GS FDD FR1 and UL MIMO	D012		
7.3D.2_1	Reference sensitivity power level for SUL with UL MIMO	Rel-17	C179a	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
7.3E.2	Reference sensitivity for V2X / non-concurrent operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.3F.2	Reference sensitivity for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
7.31.2	Reference sensitivity power level for RedCap	Rel-17	C177	RedCap UEs supporting 5GS FR1	D001		
7.4	Maximum input level	Rel-15	C001	UEs supporting 5GS FR1	D001		Skip TC 7.4 if UE supports NSA and TS 38.521-3 TC 7.4B.2 or 7.4B.3 has been executed.
7.4A.1	Maximum input level for CA (2DL CA)	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016		
7.4A.2	Maximum input level for CA (3DL CA)	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017		
7.4A.3	Maximum input level for CA (4DL CA)	Rel-15	C036	UEs supporting 5GS FR1 and CA (4DL CA)	E018		
7.4A.4	Maximum input level for CA (5DL CA)	Rel-16	C313	UEs supporting 5GS FR1 and CA (5DL CA)	E018a		Skip TC 7.4A.4 if UE supports NSA and TS 38.521-3 TC 7.4B.3_1.4 has been executed.
7.4D	Maximum input level for UL MIMO	Rel-15	C003a	UEs supporting 5GS FDD FR1 and UL MIMO	D012		
7.4D_1	Maximum input level for SUL with UL MIMO	Rel-17	C179a	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
7.4J	Maximum input level for ATG	Rel-18	C001n	UEs supporting 5GS FR1 ATG	D028		NOTE 1
7.5	Adjacent channel selectivity	Rel-15	C001	UEs supporting 5GS FR1	D001		NOTE 1 Skip TC 7.5 if UE supports NSA and TS 38.521-3 TC 7.5B.2 or 7.5B.3 has been executed.
7.5A.1	Adjacent channel selectivity for CA (2DL CA)	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016		
7.5A.2	Adjacent channel selectivity for CA (3DL CA)	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017		
7.5A.3	Adjacent channel selectivity for CA (4DL CA)	Rel-15	C036	UEs supporting 5GS FR1 and CA (4DL CA)	E018		

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.5A.4	Adjacent channel selectivity for CA (5DL CA)	Rel-16	C313	UEs supporting 5GS FR1 and CA (5DL CA)	E018a		Skip TC 7.5A.4 if UE supports NSA and TS 38.521-3 TC [FFS] has been executed.
7.5D	Adjacent channel selectivity for UL MIMO	Rel-15	C003a	UEs supporting 5GS FDD FR1 and UL MIMO	D012		
7.5D_1	Adjacent channel selectivity for SUL with UL MIMO	Rel-17	C179a	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
7.5F.1	Adjacent channel selectivity for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
7.5J	Adjacent channel selectivity for ATG	Rel-18	C001n	UEs supporting 5GS FR1 ATG	D028		NOTE 1
7.6.2	In-band blocking	Rel-15	C001	UEs supporting 5GS FR1	D001		Skip TC 7.6.2 if UE supports NSA and TS 38.521-3 TC 7.6B.2.2 or 7.6B.2.3 has been executed.
7.6.3	Out-of-band blocking	Rel-15	C001	UEs supporting 5GS FR1	D001		
7.6.4	Narrow band blocking	Rel-15	C001	UEs supporting 5GS FR1	D004		Skip TC 7.6.4 if UE supports NSA and TS 38.521-3 TC 7.6B.4.2 or 7.6B.4.3 has been executed.
7.6A.2.1	In-band blocking for CA (2DL CA)	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016		
7.6A.2.2	In-band blocking for CA (3DL CA)	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017		
7.6A.2.3	In-band blocking for CA (4DL CA)	Rel-15	C036	UEs supporting 5GS FR1 and CA (4DL CA)	E018		Skip TC 7.6A.2.3 if UE supports NSA and TS 38.521-3 TC 7.6B.2.3_1.3 has been executed.
7.6A.3.1	Out-of-band blocking for CA (2DL CA)	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016		
7.6A.3.2	Out-of-band blocking for CA (3DL CA)	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017		
7.6A.3.3	Out-of-band blocking for CA (4DL CA)	Rel-15	C036	UEs supporting 5GS FR1 and CA (4DL CA)	E018		
7.6A.4.1	Narrow band blocking for CA (2DL CA)	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016		

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
l			Condition	Comment			
7.6A.4.2	Narrow band blocking for CA (3DL CA)	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017		
7.6A.4.3	Narrow band blocking for CA (4DL CA)	Rel-15	C036	UEs supporting 5GS FR1 and CA (4DL CA)	E018		Skip TC 7.6A.4.3 if UE supports NSA and TS 38.521-3 TC 7.6B.4.3_1.3 has been executed.
7.6C.2	In-band blocking for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		
7.6C.2_1	Inband Blocking for SUL with DL CA	Rel-17	C078	UEs supporting 5GS FR1 and SUL and intra-band contiguous CA (2DL CA)	E031		
7.6C.3	Out-of-band blocking for SUL	Rel-15	C002	UEs supporting 5GS FR1 and SUL	D003		
7.6C.3_1	Out-of-band blocking for SUL with DL CA	Rel-17	C078	UEs supporting 5GS FR1 and SUL and intra-band contiguous CA (2DL CA)	E031		
7.6D.2	In-band blocking for UL MIMO	Rel-15	C003a		D012		
7.6D.2_1	In-band blocking for SUL with UL MIMO	Rel-17	C179a	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
7.6D.3	Out-of-band blocking for UL MIMO	Rel-15	C003a	UEs supporting 5GS FDD FR1 and UL MIMO	D012		
7.6D.3_1	Out-of-band blocking for SUL with UL MIMO	Rel-17	C179a	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
7.6D.4	Narrow band blocking for UL MIMO	Rel-15	C003a	UEs supporting 5GS FDD FR1 and UL MIMO	D012		
7.6D.4_1	Void						
7.6F.2.1	In-band blocking for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
7.6F.3.1	Out-of-band blocking for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
7.6J.2	In-band blocking for ATG	Rel-18	C001n		D028		NOTE 1
7.6J.3	Out-of-band blocking for ATG	Rel-18	C001n	UEs supporting 5GS FR1 ATG			NOTE 1
7.7	Spurious response	Rel-15	C001	UEs supporting 5GS FR1	D001		
7.7A.1	Spurious response for CA (2DL CA)	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016		
7.7A.2	Spurious response for CA (3DL CA)	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017		

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.7A.3	Spurious response for CA (4DL CA)	Rel-15	C036	UEs supporting 5GS FR1 and CA (4DL CA)	E018		
7.7D	Spurious response for UL MIMO	Rel-15	C003a	UEs supporting 5GS FDD FR1 and UL MIMO	D012		
7.7D_1	Spurious response for SUL with UL MIMO	Rel-17	C179a	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
7.7F.1	Spurious response for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
7.7J	Spurious response for ATG	Rel-18	C001n	UEs supporting 5GS FR1 ATG	D028		NOTE 1
7.8.2	Wide band Intermodulation	Rel-15	C001	UEs supporting 5GS FR1	D001		Skip TC 7.8.2 if UE supports NSA and TS 38.521-3 TC 7.8B.2.2 or 7.8B.2.3 has been executed.
7.8A.2.1	Wide band Intermodulation for CA (2DL CA)	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016		
7.8A.2.2	Wide band Intermodulation for CA (3DL CA)	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017		
7.8A.2.3	Wide band Intermodulation for CA (4DL CA)	Rel-15	C036	UEs supporting 5GS FR1 and CA (4DL CA)	E018		
7.8D.2	Wide band Intermodulation for UL MIMO	Rel-15	C003a	UEs supporting 5GS FDD FR1 and UL MIMO	D012		
7.8D.2_1	Wide band Intermodulation for SUL with UL MIMO	Rel-17	C179a	UEs supporting 5GS FR1 and SUL and UL MIMO	D024		
7.8F.2	Wide band Intermodulation for shared spectrum channel access	Rel-16	C001c	UEs supporting 5GS FR1 and operation with shared spectrum channel access	D018		
7.8J.2	Wide band intermodulation for ATG	Rel-18	C001n	UEs supporting 5GS FR1 ATG	D028		NOTE 1
7.9	Spurious emissions	Rel-15	C001	UEs supporting 5GS FR1	D001		Skip TC 7.9 if UE supports NSA and TS 38.521-3 TC 7.9B.1 or 7.9B.2 or 7.9B.3 has been executed.
7.9A.1	Spurious emissions for CA (2DL CA)	Rel-15	C005	UEs supporting 5GS FR1 and inter-band 2DL CA with a DL- only band	E002		
7.9J	Spurious emissions for ATG	Rel-18	C001n	UEs supporting 5GS FR1 ATG	D028		NOTE 1

Clause	TC Title	Release		Applicability		Branch	Additional
					Bands/CA-		Information
					Configurations		
					Selection		
			Condition	Comment			
	The test case/branch is incomplete for any Band/CA/I						
	ase/branch is complete for at least one Band / CA/D	C Configu	ration for at I	east one feature included in the t	test case/branch. [	Detailed completion	on status can be
found in the corresponding test case section in 38.521-1.							
NOTE 2:	he test case is optional for Rel-17 RedCap UE imple	menting S	SUL.				

Table 4.1.1-1a: Void Table 4.1.1-1b: Void

Table 4.1.1-1c: Void

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4.1.2 FR2 standalone conformance test cases

Table 4.1.2-1: Applicability of RF SA FR2 conformance test cases, ref. TS 38.521-2 [2]

Clause	TC Title	Release		Applicability Co		Branch	Additional Information
			Condition	Comment			
6	Transmitter Characteristics						
6.2.1.1	UE maximum output power - EIRP and TRP	Rel-15	C006j	Release 15 UEs supporting 5GS FR2 and Release 16 and forward UEs supporting 5GS FR2 and not supporting either CSI-RS or SSB based enhanced Beam Correspondence	D005	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2.1.1 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4.1 has been executed.
6.2.1.2	UE maximum output power - Spherical coverage	Rel-15	C006j	Release 15 UEs supporting 5GS FR2 and Release 16 and forward UEs supporting 5GS FR2 and not supporting either CSI-RS or SSB based enhanced Beam Correspondence	D005	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2.1.2 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4.2 has been executed.
6.2.1.1_1	UE maximum output power - EIRP and TRP (Rel16 and forward)	Rel-16	C006k	Release 16 and forward UEs supporting 5GS FR2 and supporting either SSB-based or CSI-RS based enhanced beam correspondence	D005	PC3	Skip TC 6.2.1.1_1 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4.1 has been executed.
6.2.1.2_1	UE maximum output power - Spherical coverage (Rel16 and forward)	Rel-16	C006k	Release 16 and forward UEs supporting 5GS FR2 and supporting either SSB-based or CSI-RS based enhanced beam correspondence	D005	PC3	Skip TC 6.2.1.2_1 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4.2 has been executed.
6.2.2	UE maximum output power reduction	Rel-15	C006	UEs supporting 5GS FR2	D005	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2.2 if UE supports NSA and TS 38.521-3 TC 6.2B.2.4 has been executed. Skip TC 6.2.2 for PC3 UE of Rel-15 and Rel- 16 supporting <i>modifiedMPRbehaviour</i> bit 0 or PC3 UE of Rel- 17, if TC 6.2.2_1 has been executed.
6.2.2_1	UE maximum output power reduction enhancements	Rel-15 Rel-16	C006o	UEs supporting 5GS FR2 and supporting <i>modifiedMPRbehaviour</i> bit 0.	D005	PC3	Skip TC 6.2.2_1 if UE supports NSA and TS 38.521-3 TC 6.2B.2.4a has been executed.
		Rel-17	C006	UEs supporting 5GS FR2			

Clause	TC Title	Release	Applicability		Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.2.3	UE maximum output power with additional requirements	Rel-15	C006	UEs supporting 5GS FR2	D005	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC6 (NOTE 1)	Skip TC 6.2.3 if UE supports NSA and TS 38.521-3 TC 6.2B.3.4 has been executed.
6.2.4_1	Configured transmitted power with Power Boost	Rel-16	C006w	UEs supporting 5GS FR2 and mpr-PowerBoost-FR2-r16	D005	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2.4_1 if UE supports NSA and TS 38.521-3 TC 6.2B.4.1.4_1 has been executed.
6.2A.1.1.1	UE maximum output power - EIRP and TRP for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2A.1.1.1 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4_1.1.1 has been executed.
6.2A.1.1.2	UE maximum output power - EIRP and TRP for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2A.1.1.2 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4_1.2.1 has been executed.
6.2A.1.1.3	UE maximum output power - EIRP and TRP for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2A.1.1.3 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4_1.3.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.2A.1.2.1	UE maximum output power - Spherical coverage for CA (2UL CA)	Rel-15		UEs supporting 5GS FR2 and CA (2UL CA)	E020	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2A.1.2.1 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4_1.1.2 has been executed.
6.2A.1.2.2	for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2A.1.2.2 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4_1.2.2 has been executed.
6.2A.1.2.3	UE maximum output power - Spherical coverage for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2A.1.2.3 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4_1.3.2 has been executed.
6.2A.2.1	UE maximum output power reduction for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.2A.2.1 if UE supports NSA and TS 38.521-3 TC 6.2B.2.4_1.1 has been executed.
6.2D.1.1	UE maximum output power - EIRP and TRP for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL-MIMO	D023	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC5 PC6 (NOTE 1)	Skip TC 6.2D.1.1 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4D.1 has been executed.

Clause	TC Title	Release	Applicability		Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.2D.1.2	UE maximum output power - Spherical coverage for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL-MIMO	D023	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC5 (NOTE 1)	Skip TC 6.2D.1.2 if UE supports NSA and TS 38.521-3 TC 6.2B.1.4D.2 has been executed.
6.2.5	UE Maximum Output Power – EIRP with UL Gaps	Rel-17	FFS	FFS	FFS		NOTE 1
6.3.1	Minimum output power	Rel-15	C006	UEs supporting 5GS FR2	D005	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC6 (NOTE 1)	Skip TC 6.3.1 if UE supports NSA and TS 38.521-3 TC 6.3B.1.4 has been executed.
6.3.2	Transmit OFF power	Rel-15	C006	UEs supporting 5GS FR2	D005		
6.3.3.2	General ON/OFF time mask	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.3.3.2 if UE supports NSA and TS 38.521-3 TC 6.3B.3.4 has been executed.
6.3.3.4	PRACH time mask	Rel-15	C006	UEs supporting 5GS FR2	D005		NOTE 1
6.3.4.2	Absolute power tolerance	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.3.4.2 if UE supports NSA and TS 38.521-3 TC 6.3B.8.1.4 has been executed.
6.3.4.3	Relative power tolerance	Rel-15	C006	UEs supporting 5GS FR2	D005		NOTE 1
6.3.4.4	Aggregate power tolerance	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.3.4.2 if UE supports NSA and TS 38.521-3 TC 6.3B.8.3.4 has been executed.
6.3A.1.1	Minimum output power for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.3A.1.1 if UE supports NSA and TS 38.521-3 TC 6.3B.1.4_1.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3A.1.2	Minimum output power for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.3A.1.2 if UE supports NSA and TS 38.521-3 TC 6.3B.1.4_1.2 has been executed.
6.3A.1.3	Minimum output power for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.3A.1.3 if UE supports NSA and TS 38.521-3 TC 6.3B.1.4_1.3 has been executed.
6.3A.1.4	Minimum output power for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.3A.1.4 if UE supports NSA and TS 38.521-3 TC 6.3B.1.4_1.4 has been executed.
6.3A.1.5	Minimum output power for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.3A.1.5 if UE supports NSA and TS 38.521-3 TC 6.3B.1.4_1.5 has been executed.
6.3A.1.6	Minimum output power for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.3A.1.6 if UE supports NSA and TS 38.521-3 TC 6.3B.1.4_1.6 has been executed.
6.3A.1.7	Minimum output power for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.3A.1.7 if UE supports NSA and TS 38.521-3 TC 6.3B.1.4_1.7 has been executed.

Clause	TC Title			Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3A.2.1	Void						
6.3A.2.2	Void						
6.3A.2.3	Void						
6.3A.3.1.1	General ON/OFF time mask for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020		NOTE 1
6.3A.4.2.1	Absolute power tolerance for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020		NOTE 1
6.3A.4.2.2	Absolute power tolerance for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021		NOTE 1
6.3A.4.2.3	Absolute power tolerance for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022		NOTE 1
6.3A.4.2.4	Absolute power tolerance for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023		NOTE 1
6.3A.4.2.5	Absolute power tolerance for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024		NOTE 1
6.3A.4.2.6	Absolute power tolerance for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025		NOTE 1
6.3A.4.2.7	Absolute power tolerance for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026		NOTE 1
6.3A.4.4.1	Aggregate power tolerance for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020		NOTE 1
6.3A.4.4.2	Aggregate power tolerance for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021		NOTE 1
6.3A.4.4.3	Aggregate power tolerance for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022		NOTE 1
6.3A.4.4.4	Aggregate power tolerance for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023		NOTE 1
6.3A.4.4.5	Aggregate power tolerance for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024		NOTE 1
6.3A.4.4.6	Aggregate power tolerance for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025		NOTE 1
6.3A.4.4.7	Aggregate power tolerance for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026		NOTE 1
6.3D.1	Minimum output power for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC5	Skip TC 6.3D.1 if UE supports NSA and TS 38.521-3 TC 6.3B.1.4D has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection		Additional Information
			Condition	Comment			
6.3D.2	Transmit OFF power for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC5 (NOTE 1)	Skip TC 6.3D.2 if UE supports NSA and TS 38.521-3 TC 6.3B.2.4D has been executed.
6.3D.3.1	General ON/OFF time mask for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023		NOTE 1
6.3D.3.4	Void						
6.4.1	Frequency error	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.4.1 if UE supports NSA and TS 38.521-3 TC 6.4B.1.4 has been executed.
6.4.2.1	Error vector magnitude	Rel-15	C006	UEs supporting 5GS FR2	D005	PC1 PC2 PC3 PC4	NOTE 1 Skip TC 6.4.2.1 if UE supports NSA and TS 38.521-3 TC 6.4B.2.4.1 has been executed.
6.4.2.1_1	Error vector magnitude with Power Boost	Rel-16	C006w	UEs supporting 5GS FR2 and supporting <i>mpr-PowerBoost-</i> <i>FR2-r16</i>	D005	PC1 PC2 PC3 PC4	NOTE 1 Skip TC 6.4.2.1_1 if UE supports NSA and TS 38.521-3 TC 6.4B.2.4.1a has been executed.
6.4.2.2	Carrier leakage	Rel-15	C006	UEs supporting 5GS FR2	D005	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC6 (NOTE 1)	Skip TC 6.4.2.2 if UE supports NSA and TS 38.521-3 TC 6.4B.2.4.2 has been executed.
6.4.2.3	In-band emissions	Rel-15	C006	UEs supporting 5GS FR2	D005	PC1 PC2 PC3 PC4 PC6	NOTE 1 Skip TC 6.4.2.3 if UE supports NSA and TS 38.521-3 TC 6.4B.2.4.3 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	_		
6.4.2.4	EVM equalizer spectrum flatness	Rel-15	C006	UEs supporting 5GS FR2	D005		NOTE 1 Skip TC 6.4.2.4 if UE supports NSA and TS 38.521-3 TC 6.4B.2.4.4 has been executed.
6.4.2.5	EVM spectral flatness for pi/2 BPSK modulation	Rel-15	C006b	UEs supporting 5GS FR2 and pi/2 BPSK modulation	D005		NOTE 1 Skip TC 6.4.2.5 if UE supports NSA and TS 38.521-3 TC 6.4B.2.4.5 has been executed.
6.4.2.6	Phase continuity requirements for DMRS bundling	Rel17	C314	Release 17 and forward UEs supporting 5GS FR2, dmrs- BundlingPUCCH-Rep-r17 and either dmrs-BundlingPUSCH- multiSlot-r17 or dmrs- BundlingPUSCH-RepTypeA-r17 or dmrs-BundlingPUSCH- RepTypeB-r17	D005		NOTE 1
6.4A.1.1	Frequency error for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020		NOTE 1
6.4A.1.2	Frequency error for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021		NOTE 1
6.4A.1.3	Frequency error for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022		NOTE 1
6.4A.2.1.1	Error vector magnitude for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.1.2	Error vector magnitude for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.1.3	Error vector magnitude for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022	PC1 PC2 PC3 PC4	NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	-		
	Error vector magnitude for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.1.5	Error vector magnitude for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.1.6	Error vector magnitude for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.1.7	Error vector magnitude for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.2.1	Carrier leakage for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.2.2	Carrier leakage for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.2.3	Carrier leakage for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.2.4	Carrier leakage for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.2.5	Carrier leakage for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.2.6	Carrier leakage for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025	PC1 PC2 PC3 PC4	NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4A.2.2.7		Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.3.1	In-band emissions for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 CA (2UL CA)	E020	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.3.2	In-band emissions for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.3.3	In-band emissions for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.3.4	In-band emissions for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.3.5	In-band emissions for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.3.6	In-band emissions for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025	PC1 PC2 PC3 PC4	NOTE 1
6.4A.2.3.7	In-band emissions for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026	PC1 PC2 PC3 PC4	NOTE 1
6.4D.1	Frequency error for UL MIMO	Rel-15	C060	MIMO	D023		NOTE 1
6.4D.3	Time alignment error for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023		NOTE 1
6.5.1	Occupied bandwidth	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.5.1 if UE supports NSA and TS 38.521-3 TC 6.5B.1.4 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5.2.1	Spectrum Emission Mask	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.5.2.1 if UE supports NSA and TS 38.521-3 TC 6.5B.2.4.1 has been executed.
6.5.2.1_1	Spectrum Emission Mask with Power Boost		C006w	UEs supporting 5GS FR2 and supporting <i>mpr-PowerBoost-</i> <i>FR2-r16</i>	D005	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5.2.1_1 if UE supports NSA and TS 38.521-3 TC 6.5B.2.4.1a has been executed.
6.5.2.3	Adjacent channel leakage ratio	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.5.2.3 if UE supports NSA and TS 38.521-3 TC 6.5B.2.4.3 has been executed.
6.5.3.1	Transmitter Spurious emissions	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.5.3.1 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.1 has been executed.
6.5.3.1_1	Transmitter Spurious emissions with Power Boost		C006w	UEs supporting 5GS FR2 and supporting <i>mpr-PowerBoost-</i> <i>FR2-r16</i>	D005	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5.3.1_1 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.1a has been executed.
6.5.3.2	Spurious emission band UE co-existence	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.5.3.2 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.2 has been executed.
6.5.3.2_1	Spurious emission band UE co-existence with Power Boost	Rel-16	C006w	UEs supporting 5GS FR2 and supporting <i>mpr-PowerBoost-</i> <i>FR2-r16</i>	D005	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5.3.2_1 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.2a has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	Selection		
6.5.3.3	Additional spurious emissions	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 6.5.3.3 if UE supports NSA and TS 38.521-3 TC 6.5B.4.4 has been executed.
6.5.3.3_1	Additional spurious emissions with Power Boost	Rel-16	C006w	UEs supporting 5GS FR2 and supporting <i>mpr-PowerBoost-</i> <i>FR2-r16</i>	D005	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5.3.3_1 if UE supports NSA and TS 38.521-3 TC 6.5B.4.4a has been executed.
6.5A.1.1	Occupied bandwidth for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020		NOTE 1 Skip TC 6.5A.1.1 if UE supports NSA and TS 38.521-3 TC 6.5B.1.4_1.1 has been executed.
6.5A.1.2	Occupied bandwidth for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021		NOTE 1 Skip TC 6.5A.1.2 if UE supports NSA and TS 38.521-3 TC 6.5B.1.4_1.2 has been executed.
6.5A.1.3	Occupied bandwidth for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022		NOTE 1 Skip TC 6.5A.1.3 if UE supports NSA and TS 38.521-3 TC 6.5B.1.4_1.3 has been executed.
6.5A.1.4	Occupied bandwidth for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023		NOTE 1
6.5A.1.5	Occupied bandwidth for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024		NOTE 1
6.5A.1.6	Occupied bandwidth for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025		NOTE 1
6.5A.1.7	Occupied bandwidth for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026		NOTE 1
6.5A.2.1.1	Spectrum Emission Mask for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020		Skip TC 6.5A.2.1.1 if UE supports NSA and TS 38.521-3 TC 6.5B.2.4.1_1.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5A.2.1.2	Spectrum Emission Mask for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021		NOTE 1 Skip TC 6.5A.2.1.2 if UE supports NSA and TS 38.521-3 TC 6.5B.2.4.1_1.2 has been executed.
6.5A.2.1.3	Spectrum Emission Mask for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022		NOTE 1 Skip TC 6.5A.2.1.3 if UE supports NSA and TS 38.521-3 TC 6.5B.2.4.1_1.3 has been executed.
6.5A.2.1.4	Spectrum Emission Mask for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023		NOTE 1
6.5A.2.1.5	Spectrum Emission Mask for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024		NOTE 1
6.5A.2.1.6	Spectrum Emission Mask for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025		NOTE 1
6.5A.2.1.7	Spectrum Emission Mask for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026		NOTE 1
6.5A.2.2.1	Adjacent channel leakage ratio for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020		Skip TC 6.5A.2.2.1 if UE supports NSA and TS 38.521-3 TC 6.5B.2.4.3_1.1 has been executed.
6.5A.2.2.2	Adjacent channel leakage ratio for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021		Skip TC 6.5A.2.2.2 if UE supports NSA and TS 38.521-3 TC 6.5B.2.4.3_1.2 has been executed.
6.5A.2.2.3	Adjacent channel leakage ratio for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022		Skip TC 6.5A.2.2.3 if UE supports NSA and TS 38.521-3 TC 6.5B.2.4.3_1.3 has been executed.
6.5A.2.2.4	Adjacent channel leakage ratio for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023		NOTE 1
6.5A.2.2.5	Adjacent channel leakage ratio for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024		NOTE 1
6.5A.2.2.6	Adjacent channel leakage ratio for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025		NOTE 1

Clause	TC Title	Release		Applicability		Branch	Additional Information
			Condition	Comment	_		
6.5A.2.2.7	Adjacent channel leakage ratio for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026		NOTE 1
6.5A.3.1.1	General spurious emissions for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 and CA (2UL CA)	E020	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.1.1 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.1_1.1 has been executed.
6.5A.3.1.2	General spurious emissions for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.1.2 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.1_1.2 has been executed.
6.5A.3.1.3	General spurious emissions for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.1.3 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.1_1.3 has been executed.
6.5A.3.1.4	General spurious emissions for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.1.4 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.1_1.4 has been executed.
6.5A.3.1.5	General spurious emissions for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.1.5 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.1_1.5 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5A.3.1.6	General spurious emissions for CA (7UL CA)	Rel-15		UEs supporting 5GS FR2 and CA (7UL CA)	E025	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.1.6 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.1_1.6 has been executed.
6.5A.3.1.7	General spurious emissions for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.1.7 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.1_1.7 has been executed.
6.5A.3.2.1	Spurious emission band UE co-existence for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 CA (2UL CA)	E020	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.2.1 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.2_1.1 has been executed.
6.5A.3.2.2	Spurious emission band UE co-existence for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.2.2 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.2_1.2 has been executed.
6.5A.3.2.3	Spurious emission band UE co-existence for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.2.3 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.2_1.3 has been executed.
6.5A.3.2.4	Spurious emission band UE co-existence for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.2.4 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.2_1.4 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	Gelection		
6.5A.3.2.5	Spurious emission band UE co-existence for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.2.5 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.2_1.5 has been executed.
6.5A.3.2.6	Spurious emission band UE co-existence for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.2.6 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.2_1.6 has been executed.
6.5A.3.2.7	Spurious emission band UE co-existence for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 6.5A.3.2.7 if UE supports NSA and TS 38.521-3 TC 6.5B.3.4.2_1.7 has been executed.
6.5A.3.3.1	Additional spurious emissions for CA (2UL CA)	Rel-15	C053	UEs supporting 5GS FR2 CA (2UL CA)	E020	PC1	Skip TC 6.5A.3.3.1 if UE supports NSA and TS 38.521-3 TC 6.5B.4.4.1_1.1 has been executed.
6.5A.3.3.2	Additional spurious emissions for CA (3UL CA)	Rel-15	C054	UEs supporting 5GS FR2 and CA (3UL CA)	E021	PC1	Skip TC 6.5A.3.3.2 if UE supports NSA and TS 38.521-3 TC 6.5B.4.4.1_1.2 has been executed.
6.5A.3.3.3	Additional spurious emissions for CA (4UL CA)	Rel-15	C055	UEs supporting 5GS FR2 and CA (4UL CA)	E022	PC1	Skip TC 6.5A.3.3.3 if UE supports NSA and TS 38.521-3 TC 6.5B.4.4.3_1.3 has been executed.
6.5A.3.3.4	Additional spurious emissions for CA (5UL CA)	Rel-15	C056	UEs supporting 5GS FR2 and CA (5UL CA)	E023		NOTE 1
6.5A.3.3.5	Additional spurious emissions for CA (6UL CA)	Rel-15	C057	UEs supporting 5GS FR2 and CA (6UL CA)	E024		NOTE 1
6.5A.3.3.6	Additional spurious emissions for CA (7UL CA)	Rel-15	C058	UEs supporting 5GS FR2 and CA (7UL CA)	E025		NOTE 1

Clause	TC Title	Release			Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5A.3.3.7	Additional spurious emissions for CA (8UL CA)	Rel-15	C059	UEs supporting 5GS FR2 and CA (8UL CA)	E026		NOTE 1
6.5D.1	Occupied bandwidth for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023		NOTE 1
6.5D.2.1	Spectrum Emission Mask for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023		NOTE 1
6.5D.2.2	Adjacent channel leakage ratio for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023		NOTE 1
6.5D.3.1	Transmitter Spurious emissions for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023		NOTE 1
6.5D.3.2	Spurious emission band UE co-existence for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023		NOTE 1
6.5D.3.3	Additional spurious emissions for UL MIMO	Rel-15	C060	UEs supporting 5GS FR2 and UL MIMO	D023		NOTE 1
6.6.1	Beam correspondence - EIRP	Rel-15	C008	Release 15 UEs supporting 5GS FR2 and not beam correspondence without UL beam sweeping and release 16 and forward UEs that do not support SSB-based or CSI-RS based enhanced beam correspondence and do not support enhanced beam correspondence without UL beam sweeping	D005	PC3	Skip TC 6.6.1 if UE supports NSA and TS 38.521-3 TC 6.6B.4 has been executed.
6.6.2	Enhanced Beam correspondence - EIRP	Rel-16	C008a	UEs supporting 5GS FR2 and support either CSI-RS or SSB based beam correspondence and do not support beam correspondence without UL beam sweeping	D005	PC3	Skip TC 6.6.2 if UE supports NSA and TS 38.521-3 TC 6.6B.5 has been executed.
7	Receiver Characteristics						
7.3.2	Reference sensitivity power level	Rel-15	C006	UEs supporting 5GS FR2	D005	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 7.3.2 if UE supports NSA and TS 38.521-3 TC 7.3B.2.4 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.3A.2.1	Reference sensitivity power level for CA (2DL CA)	Rel-15	C006c	UEs supporting 5GS FR2 and CA (2DL CA)	E032	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 7.3A.2.1 if UE supports NSA and TS 38.521-3 TC 7.3B.2.4_1.1 has been executed
7.3A.2.2	Reference sensitivity power level for CA (3DL CA)	Rel-15	C006d	UEs supporting 5GS FR2 and CA (3DL CA)	E033	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 7.3A.2.2 if UE supports NSA and TS 38.521-3 TC 7.3B.2.4_1.2 has been executed
7.3A.2.3	Reference sensitivity power level for CA (4DL CA)	Rel-15	C006e	UEs supporting 5GS FR2 and CA (4DL CA)	E034	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	Skip TC 7.3A.2.3 if UE supports NSA and TS 38.521-3 TC 7.3B.2.4_1.3 has been executed
7.3A.2.4	Reference sensitivity power level for CA (5DL CA)	Rel-15	C006f	UEs supporting 5GS FR2 and CA (5DL CA)	E035	PC1 PC2 PC3 PC4	NOTE 1 Skip TC 7.3A.2.4 if UE supports NSA and TS 38.521-3 TC 7.3B.2.4_1.4 has been executed
7.3A.2.5	Reference sensitivity power level for CA (6DL CA)	Rel-15	C006g	UEs supporting 5GS FR2 and CA (6DL CA)	E036	PC1 PC2 PC3 PC4	NOTE 1 Skip TC 7.3A.2.5 if UE supports NSA and TS 38.521-3 TC 7.3B.2.4_1.5 has been executed
7.3A.2.6	Reference sensitivity power level for CA (7DL CA)	Rel-15	C006h	UEs supporting 5GS FR2 and CA (7DL CA)	E037	PC1 PC2 PC3 PC4	NOTE 1 Skip TC 7.3A.2.6 if UE supports NSA and TS 38.521-3 TC 7.3B.2.4_1.6 has been executed

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	Gelection		
7.3A.2.7	Reference sensitivity power level for CA (8DL CA)	Rel-15	C006i	UEs supporting 5GS FR2 and CA (8DL CA)	E038	PC1 PC2 PC3 PC4	NOTE 1 Skip TC 7.3A.2.7 if UE supports NSA and TS 38.521-3 TC 7.3B.2.4_1.7 has been executed
7.3A.3.1	EIS spherical coverage for Inter-band CA (2DL CA)	Rel-16	C006c	UEs supporting 5GS FR2 and CA (2DL CA)	E032	PC1 PC2 PC3 PC4	NOTE 1
7.3A.3.2	EIS spherical coverage for Inter-band CA (3DL CA)	Rel-16	C006d	UEs supporting 5GS FR2 and CA (3DL CA)	E033	PC1 PC2 PC3 PC4	NOTE 1
7.3A.3.3	EIS spherical coverage for Inter-band CA (4DL CA)	Rel-16	C006e	UEs supporting 5GS FR2 and CA (4DL CA)	E034	PC1 PC2 PC3 PC4	NOTE 1
7.3A.3.4	EIS spherical coverage for CA (5DL CA)	Rel-16	C006f	UEs supporting 5GS FR2 and CA (5DL CA)	E035	PC1 PC2 PC3 PC4	NOTE 1
7.3A.3.5	EIS spherical coverage for CA (6DL CA)	Rel-16	C006g	UEs supporting 5GS FR2 and CA (6DL CA)	E036	PC1 PC2 PC3 PC4	NOTE 1
7.3A.3.6	EIS spherical coverage for CA (7DL CA)	Rel-16	C006h	UEs supporting 5GS FR2 and CA (7DL CA)	E037	PC1 PC2 PC3 PC4	NOTE 1
7.3A.3.7	EIS spherical coverage for CA (8DL CA)	Rel-16	C006i	UEs supporting 5GS FR2 and CA (8DL CA)	E038	PC1 PC2 PC3 PC4	NOTE 1
7.3.4	EIS spherical coverage	Rel-15	C006	UEs supporting 5GS FR2	D005	PC1 PC2 PC3 PC4	Skip TC 7.3.4 if UE supports NSA and TS 38.521-3 TC 7.3B.4 has been executed.
7.4	Maximum input level	Rel-15	N/A	not recommended due to testability issues	N/A		NOTE 1
7.4A.1	Maximum input level for CA (2DL CA)	Rel-15	N/A	not recommended due to testability issues	N/A		NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.4A.2	Maximum input level for CA (3DL CA)	Rel-15	N/A	not recommended due to testability issues	N/A		NOTE 1
7.4A.3	Maximum input level for CA (4DL CA)	Rel-15	N/A	not recommended due to testability issues	N/A		NOTE 1
7.4A.4	Maximum input level for CA (5DL CA)	Rel-15	N/A	not recommended due to testability issues	N/A		NOTE 1
7.4A.5	Maximum input level for CA (6DL CA)	Rel-15	N/A	not recommended due to testability issues	N/A		NOTE 1
7.4A.6	Maximum input level for CA (7DL CA)	Rel-15	N/A	not recommended due to testability issues	N/A		NOTE 1
7.4A.7	Maximum input level for CA (8DL CA)	Rel-15	N/A	not recommended due to testability issues	N/A		NOTE 1
7.5	Adjacent channel selectivity	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 7.5 if UE supports NSA and TS 38.521-3 TC 7.5B.4 has been executed.
7.6.2	In-band blocking	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 7.6.2 if UE supports NSA and TS 38.521-3 TC 7.6B.2.4 has been executed.
7.9	Spurious emissions	Rel-15	C006	UEs supporting 5GS FR2	D005		Skip TC 7.9 if UE supports NSA and TS 38.521-3 TC 7.9B.4 has been executed.
		A/DC Configu					

## Table 4.1.2-1a: Void

## Table 4.1.2-1b: Void

## Table 4.1.2-1c: Void

## 4.1.3 NR interworking between NR FR1 and NR FR2 and between NR and LTE conformance test cases

Table 4.1.3-1: Applicability of RF EN-DC FR1 and FR2 conformance test cases, ref. TS 38.521-3 [3]

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6	Transmitter characteristics						
6.2B	Transmitter power for DC						
6.2B.1.1	UE Maximum Output Power for Intra-Band Contiguous EN-DC	Rel-15	C009	UEs supporting Intra-Band Contiguous EN-DC (2UL CCs)	E003		
6.2B.1.2	UE Maximum Output Power for Intra-Band Non-Contiguous EN-DC	Rel-15	C010	UEs supporting Intra-Band non- contiguous EN-DC (2UL CCs)	E004		
6.2B.1.3	UE Maximum Output Power for Inter-Band EN- DC within FR1 (1 E-UTRA CC, 1 NR CC)	Rel-15	C011	UEs supporting Inter-Band EN- DC within FR1 (2UL CCs)	E005 E005d	PC3 PC2	
6.2B.1.3_1	UE Maximum Output Power for Inter-Band EN- DC within FR1 (2 E-UTRA CCs, 1 NR CC)	Rel-16	C011d	UEs supporting Inter-Band EN- DC within FR1 (2UL E-UTRA CCs, 1UL NR CC)	E005z	PC3	
6.2B.1.4.1	UE Maximum Output Power for Inter-Band EN- DC including FR2 (1 NR CC) - EIRP and TRP	Rel-15	C012	UEs supporting Inter-Band EN- DC including FR2 with 1 NR UL CC	E010	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.2B.1.4.1 if UE supports SA and TSC 38.521-2 TC 6.2.1.1 has been executed.
6.2B.1.4.2	UE Maximum Output Power for Inter-Band EN- DC including FR2 (1 NR CC) - Spherical Coverage	Rel-15	C012	UEs supporting Inter-Band EN- DC including FR2 with 1 NR UL CC	E010	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.2B.1.4.2 if UE supports SA and TSC 38.521-2 TC 6.2.1.2 has been executed.
6.2B.1.4_1	UE Maximum Output Power for Inter-Band EN-DC including FR2 (>1 NR CC)						
	UE Maximum Output Power for Inter-Band EN- DC including FR2 (2 NR CCs) - EIRP and TRP	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.2B.1.4_1.1.1 if UE supports SA and TS 38.521-2 TC 6.2A.1.1.1 has been executed.
6.2B.1.4_1.1.2	UE Maximum Output Power for Inter-Band EN- DC including FR2 (2 NR CCs) - Spherical Coverage	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.2B.1.4_1.1.2 if UE supports SA and TS 38.521-2 TC 6.2A.1.2.1 has been executed.

Clause	TC Title	Release		Applicability I C		Branch	Additional Information
			Condition	Comment			
	UE Maximum Output Power for Inter-Band EN- DC including FR2 (3 NR CCs) - EIRP and TRP		C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs	E012	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.2B.1.4_1.2.1 if UE supports SA and TS 38.521-2 TC 6.2A.1.1.2 has been executed.
6.2B.1.4_1.2.2	UE Maximum Output Power for Inter-Band EN- DC including FR2 (3 NR CCs) - Spherical Coverage	Rel-15	C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs	E012	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.2B.1.4_1.2.2 if UE supports SA and TS 38.521-2 TC 6.2A.1.2.2 has been executed.
6.2B.1.4_1.3.1	UE Maximum Output Power for Inter-Band EN- DC including FR2 (4 NR CCs) - EIRP and TRP	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.2B.1.4_1.3.1 if UE supports SA and TS 38.521-2 TC 6.2A.1.1.3 has been executed.
	UE Maximum Output Power for Inter-Band EN- DC including FR2 (4 NR CCs) - Spherical Coverage	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.2B.1.4_1.3.2 if UE supports SA and TS 38.521-2 TC 6.2A.1.2.3 has been executed.
6.2B.1.4D.1	UE Maximum Output Power for Inter-Band EN- DC including FR2 for UL MIMO - EIRP and TRP	Rel-15	C012p	UEs supporting Inter-Band EN- DC including FR2 and UL MIMO	E043	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC5	NOTE 5 Skip TC 6.2B.1.4D.1 if UE supports SA and TS 38.521-2 TC 6.2D.1.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.2B.1.4D.2	UE Maximum Output Power for Inter-Band EN- DC including FR2 for UL MIMO - Spherical Coverage	Rel-15	C012p	UEs supporting Inter-Band EN- DC including FR2 and UL MIMO	E043	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC5 (NOTE 1)	NOTE 5 Skip TC 6.2B.1.4D.2 if UE supports SA and TS 38.521-2 TC 6.2D.1.2 has been executed.
6.2B.1.6	UE Maximum Output Power for Inter-Band EN- DC including FR2 (1 NR CC) - EIRP with UL Gaps	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 and Uplink Gaps	E011	PC1 PC2 PC3 PC4	NOTE 1 NOTE 5 Skip TC 6.2B.1.6 if UE supports SA and TS 38.521-2 TC 6.2.5 has been executed.
6.2B.2.1	UE Maximum Output Power reduction for Intra- Band Contiguous EN-DC	Rel-15	C009	UEs supporting Intra-Band Contiguous EN-DC (2UL CCs)	E003		Test execution is not necessary if TS 38.521-3 TC 6.5B.2.1.3 is executed.
6.2B.2.2	UE Maximum Output Power reduction for Intra- Band Non-Contiguous EN-DC	Rel-15	C010	UEs supporting Intra-Band non- contiguous EN-DC (2UL CCs)	E004		Test execution is not necessary if TS 38.521-3 TC 6.5B.2.2.3 has been executed.
6.2B.2.3	UE Maximum Output Power reduction for Inter- Band EN-DC within FR1 (1 NR CC)	Rel-15	C011	UEs supporting Inter-Band EN- DC within FR1 with 1 NR UL CC	E005b	PC3 PC2	NOTE 5 Test execution is not necessary if TS 38.521-3 TC 6.5B.2.3.3.1 is executed. Skip TC 6.2B.2.3 if UE supports SA and TS 38.521-1 TC 6.2.2 or 6.5.2.4.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.2B.2.4	UE Maximum Output Power reduction for Inter- Band EN-DC including FR2 (1 NR CC)	Rel-15	C012z	UEs supporting Inter-Band EN- DC including FR2 with 1 NR UL CC and modified MPR behaviour	E010		NOTE 1 NOTE 5 Skip TC 6.2B.2.4 if UE supports SA and TS 38.521-2 TC 6.2.2 has been executed.
6.2B.2.4a	UE maximum output power reduction enhancements for Inter-Band EN-DC including FR2 (1 NR CC)	Rel-16	C012q	UEs supporting Inter-Band EN- DC including FR2 with 1 NR UL CC and modified MPR behaviour bit 0.	E010	PC3	
6.2B.2.4_1	UE Maximum Output Power reduction for Inter-Band EN-DC including FR2 (>1 NR CC)						
6.2B.2.4_1.1	UE Maximum Output Power reduction for Inter- Band EN-DC including FR2 (2 NR CCs)	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011		NOTE 1 NOTE 5 Skip TC 6.2B.2.4_1.1 if UE supports SA and TS 38.521-2 TC 6.2A.2.1 has been executed.
6.2B.2.4_1.2	UE Maximum Output Power reduction for Inter- Band EN-DC including FR2 (3 NR CCs)	Rel-15	C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs	E012		NOTE 1 NOTE 5 Skip TC 6.2B.2.4_1.1 if UE supports SA and TS 38.521-2 TC 6.2A.2.2 has been executed.
6.2B.2.4_1.3	UE Maximum Output Power reduction for Inter- Band EN-DC including FR2 (4 NR CCs)	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013		NOTE 1 NOTE 5 Skip TC 6.2B.2.4_1.1 if UE supports SA and TS 38.521-2 TC 6.2A.2.3 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition				
6.2B.3.1	UE Additional Maximum Output Power reduction for Intra-band contiguous EN-DC	Rel-15	C009z	UEs supporting Intra-Band Contiguous EN-DC (2UL CCs) and modified MPR behaviour	E003		
6.2B.3.2	UE Additional Maximum Output Power reduction for Intra-Band Non-Contiguous EN- DC	Rel-15	FFS	FFS	FFS		NOTE 1
6.2B.3.3	UE Additional Maximum Output power reduction for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011z	UEs supporting Inter-Band EN- DC within FR1 with 1 NR UL CC and modified MPR behaviour	E005b	PC3 PC2	NOTE 5 Test execution is not necessary if TS 38.521-3 TCs 6.5B.2.3.2, 6.5B.2.3.2 and 6.5B.4.3 are executed. Skip TC 6.2B.3.3 if UE supports SA and TS 38.521-1 TC 6.2.3 has been executed, or TS 38.521-1 TCs 6.5.2.3, 6,5,2,4,2 and 6.5.3.3 have been executed.
6.2B.3.4	UE Additional Maximum Output Power reduction for Inter-Band EN-DC including FR2 (1 NR CC)	Rel-15	C012z	UEs supporting Inter-Band EN- DC including FR2 with 1 NR UL CC and modified MPR behaviour	E010	PC3 PC2	NOTE 5 Skip TC 6.2B.3.4 if UE supports SA and TS 38.521-2 TC 6.2.3 has been executed.
6.2B.4.1.1	Configured Output Power Level for Intra-Band Contiguous EN-DC	Rel-15	C009	UEs supporting Intra-Band Contiguous EN-DC (2UL CCs)	E003		
6.2B.4.1.2	Configured Output Power for Intra-Band Non- Contiguous EN-DC	Rel-15	C010	UEs supporting Intra-Band Non- Contiguous EN-DC (2UL CCs)	E004		
6.2B.4.1.3	Configured Output Power for Inter-Band EN- DC within FR1 (1 E-UTRA CC, 1 NR CC)	Rel-15	C011	UEs supporting Inter-Band EN- DC within FR1 (2UL CCs)	E005		
6.2B.4.1.3_1	Configured Output Power for Inter-Band EN- DC within FR1 (2 E-UTRA CCs, 1 NR CC)	Rel-16	C011d	UEs supporting Inter-Band EN- DC within FR1 (2UL E-UTRA CCs, 1UL NR CC)	E005z	PC3	
6.2B.4.1.4	Configured Output Power for Inter-Band EN- DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC	E010		

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.2B.4.1.4_1	Configured Output Power with Power Boost for Inter-Band EN-DC including FR2 (1 NR CC)	Rel-16	C012w	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC and <i>mpr-PowerBoost-FR2-</i> <i>r16</i>	E010	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.2B.4.1.4_1 if UE supports NSA and TS 38.521-2 TC 6.2.4_1 has been executed.
6.3B	Output power dynamics for DC						
6.3B.1.1	Minimum Output power for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		
6.3B.1.2	Minimum output power for intra-band non- contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 5 Skip TC 6.3B.1.2 if UE supports SA and TS 38.521-1 TC 6.3.1 has been executed.
6.3B.1.3	Minimum output power for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.3B.1.3 if UE supports SA and TS 38.521-1 TC 6.3.1 has been executed.
6.3B.1.4	Minimum Output Power for EN-DC Interband including FR2 (1 NR CC)	Rel-15	C012	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.3B.1.4 if UE supports SA and TS 38.521-2 TC 6.3.1 has been executed.
6.3B.1.4_1	Minimum output power for inter-band EN- DC including FR2 (>1 NR CC)						
6.3B.1.4_1.1	Minimum output power for inter-band EN-DC including FR2 (2 NR CCs)	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011		NOTE 5 Skip TC 6.3B.1.4_1.1 if UE supports SA and TS 38.521-2 TC 6.3A.1.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3B.1.4_1.2	Minimum output power for inter-band EN-DC including FR2 (3 NR CCs)	Rel-15	C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs	E012		NOTE 5 Skip TC 6.3B.1.4_1.2 if UE supports SA and TS 38.521-2 TC 6.3A.1.2 has been executed.
6.3B.1.4_1.3	Minimum output power for inter-band EN-DC including FR2 (4 NR CCs)	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013		NOTE 5 Skip TC 6.3B.1.4_1.3 if UE supports SA and TS 38.521-2 TC 6.3A.1.3 has been executed.
6.3B.1.4D	Minimum output power for inter-band EN-DC including FR2 for UL MIMO	Rel-15	C012p	UEs supporting inter-band EN- DC including FR2 and UL MIMO	E043	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC5	NOTE 5 Skip TC 6.3B.1.4D if UE supports SA and TS 38.521-2 TC 6.3D.1 has been executed.
6.3B.2.4	Transmit OFF Power for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC	E005		
6.3B.2.4_1	Void						
6.3B.2.4D	Transmit OFF Power for inter-band EN-DC including FR2 for UL-MIMO	Rel-15	C012p	UEs supporting inter-band EN- DC including FR2 and UL MIMO	E043	PC1 PC2 (NOTE 1) PC3 PC4 (NOTE 1) PC5 (NOTE 1)	NOTE 5 Skip TC 6.3B.2.4D if UE supports SA and TS 38.521-2 TC 6.3D.2 has been executed.
6.3B.3.1	Transmit ON/OFF time mask for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		NOTE 5 Skip TC 6.3B.3.1 if UE supports SA and TS 38.521-1 TC 6.3.3.2 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3B.3.2	Transmit ON/OFF time mask for intra-band non-contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 5 Skip TC 6.3B.3.2 if UE supports SA and TS 38.521-1 TC 6.3.3.2 has been executed.
6.3B.3.3	Transmit ON/OFF time mask for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.3B.3.3 if UE supports SA and TS 38.521-1 TC 6.3.3.2 has been executed.
6.3B.3.4	Transmit ON/OFF time mask for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.3B.3.4 if UE supports SA and TS 38.521-2 TC 6.3.3.2 has been executed.
6.3B.3.4_1	Transmit ON/OFF time mask for inter-band EN-DC including FR2 (>1 NR CC)						
6.3B.3.4_1.1	Transmit ON/OFF time mask for inter-band EN-DC including FR2 (2 NR CCs)	Rel-15	C012b	UEs supporting inter-band EN- DC including FR2 with 2 NR UL CCs	E011		NOTE 5 Skip TC 6.3B.3.4_1.1 if UE supports SA and TS 38.521-2 TC 6.3A.3.1.1 has been executed.
6.3B.3_1.1	E-UTRA and NR switching time mask for switching between two uplink carriers for inter- band EN-DC	Rel-16	C126a	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC and dynamic UL Tx switching	E031b		NOTE 1
6.3B.4.1	PRACH time mask for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		NOTE 5 Skip TC 6.3B.4.1 if UE supports SA and TS 38.521-1 TC 6.3.3.4 has been executed.
6.3B.4.2	PRACH Time Mask for intra-band non- contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 5 Skip TC 6.3B.4.2 if UE supports SA and TS 38.521-1 TC 6.3.3.4 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3B.4.3	PRACH Time Mask for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.3B.4.3 if UE supports SA and TS 38.521-1 TC 6.3.3.4 has been executed.
6.3B.4.4	PRACH Time Mask for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-Band EN- DC including FR2 with 1 NR UL CC	E010		NOTE 1 NOTE 5 Skip TC 6.3B.4.4 if UE supports SA and TS 38.521-2 TC 6.3.3.4 has been executed.
6.3B.8.1.1	Absolute Power Tolerance for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2 UL CCs)	E003		NOTE 5 Skip TC 6.3B.8.1.1 if UE supports SA and TS 38.521-1 TC 6.3.4.2 has been executed.
6.3B.8.1.2	Absolute Power Tolerance for intra-band non- contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2 UL CCs)	E004		NOTE 5 Skip TC 6.3B.8.1.2 if UE supports SA and TS 38.521-1 TC 6.3.4.2 has been executed.
6.3B.8.1.3	Absolute Power Tolerance for inter-band EN- DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.3B.8.1.3 if UE supports SA and TS 38.521-1 TC 6.3.4.2 has been executed.
6.3B.8.1.4	Absolute Power Tolerance for inter-band EN- DC including FR2 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.3B.8.1.4 if UE supports SA and TS 38.521-2 TC 6.3.4.2 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3B.8.2.1	Relative Power Tolerance for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2 UL CCs)	E003		NOTE 5 Skip TC 6.3B.8.2.1 if UE supports SA and TS 38.521-1 TC 6.3.4.3 has been executed.
6.3B.8.2.2	Relative Power Tolerance for intra-band non- contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2 UL CCs)	E004		NOTE 5 Skip TC 6.3B.8.2.2 if UE supports SA and TS 38.521-1 TC 6.3.4.3 has been executed.
6.3B.8.2.3	Relative Power Tolerance for inter-band EN- DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.3B.8.2.3 if UE supports SA and TS 38.521-1 TC 6.3.4.3 has been executed.
6.3B.8.2.4	Relative Power Tolerance for inter-band EN- DC including FR2 (1 NR CC)	Rel-15	FFS	FFS	FFS		NOTE 1
6.3B.8.3.1	Aggregate Power Tolerance for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2 UL CCs)	E003		NOTE 5 Skip TC 6.3B.8.3.1 if UE supports SA and TS 38.521-1 TC 6.3.4.4 has been executed.
6.3B.8.3.2	Aggregate Power Tolerance for intra-band non-contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2 UL CCs)	E004		NOTE 5 Skip TC 6.3B.8.3.2 if UE supports SA and TS 38.521-1 TC 6.3.4.4 has been executed.
6.3B.8.3.3	Aggregate Power Tolerance for inter-band EN- DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.3B.8.3.3 if UE supports SA and TS 38.521-1 TC 6.3.4.4 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.3B.8.3.4	Aggregate Power Tolerance for inter-band EN- DC including FR2 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.3B.8.3.4 if UE supports SA and TS 38.521-2 TC 6.3.4.4 has been executed.
6.4B	Transmit Signal Quality for DC						
6.4B.1.1	Frequency Error for intra-band contiguous EN- DC	Rel-15	C009	UEs supporting Intra-Band Contiguous EN-DC (2UL CCs)	E003		NOTE 5 Skip TC 6.4B.1.1 if UE supports SA and TS 38.521-1 TC 6.4.1 has been executed.
6.4B.1.2	Frequency Error for intra-band non-contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 5 Skip TC 6.4B.1.2 if UE supports SA and TS 38.521-1 TC 6.4.1 has been executed.
6.4B.1.3	Frequency error for Inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.4B.1.3 if UE supports SA and TS 38.521-1 TC 6.4.1 has been executed.
6.4B.1.4	Frequency Error for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-Band EN- DC including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.4B.1.4 if UE supports SA and TS 38.521-2 TC 6.4.1 has been executed.
6.4B.1.4_1	Frequency Error for Inter-band EN-DC including FR2 (>1 NR CC)						
6.4B.1.4_1.1	Frequency Error for inter-band EN-DC including FR2 (2 NR CCs)	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011		NOTE 5 Skip TC 6.4B.1.4_1.1 if UE supports SA and TS 38.521-2 TC 6.4A.1.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4B.1.4_1.2	Frequency Error for inter-band EN-DC including FR2 (3 NR CCs)	Rel-15	C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs	E012		NOTE 5 Skip TC 6.4B.1.4_1.2 if UE supports SA and TS 38.521-2 TC 6.4A.1.2 has been executed.
6.4B.1.4_1.3	Frequency Error for inter-band EN-DC including FR2 (4 NR CCs)	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013		NOTE 5 Skip TC 6.4B.1.4_1.3 if UE supports SA and TS 38.521-2 TC 6.4A.1.3 has been executed.
6.4B.2.1.1	Error Vector Magnitude for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		NOTE 5 Skip TC 6.4B.2.1.1 if UE supports SA and TS 38.521-1 TC 6.4.2.1 has been executed.
6.4B.2.1.2	Carrier Leakage for intra-band contiguous EN- DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		NOTE 5 Skip TC 6.4B.2.1.2 if UE supports SA and TS 38.521-1 TC 6.4.2.2 has been executed.
6.4B.2.1.3	In-band Emissions for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		
6.4B.2.1.4	EVM Equalizer Flatness for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		NOTE 5 Skip TC 6.4B.2.1.4 if UE supports SA and TS 38.521-1 TC 6.4.2.4 has been executed.
6.4B.2.2.1	Error Vector Magnitude for intra-band non- contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 5 Skip TC 6.4B.2.2.1 if UE supports SA and TS 38.521-1 TC 6.4.2.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4B.2.2.2	Carrier Leakage for intra-band non-contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 5 Skip TC 6.4B.2.2.2 if UE supports SA and TS 38.521-1 TC 6.4.2.2has been executed.
6.4B.2.2.3	In-band Emissions for intra-band non- contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 5 Skip TC 6.4B.2.2.3 if UE supports SA and TS 38.521-1 TC 6.4.2.3 has been executed.
6.4B.2.2.4	EVM Equalizer Flatness for intra-band non- contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 5 Skip TC 6.4B.2.2.4 if UE supports SA and TS 38.521-1 TC 6.4.2.4 has been executed.
6.4B.2.3.1	Error Vector Magnitude for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.4B.2.3.1 if UE supports SA and TS 38.521-1 TC 6.4.2.1 has been executed.
6.4B.2.3.2	Carrier Leakage for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.4B.2.3.2 if UE supports SA and TS 38.521-1 TC 6.4.2.2 has been executed.
6.4B.2.3.3	In-band Emissions for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.4B.2.3.3 if UE supports SA and TS 38.521-1 TC 6.4.2.3 has been executed.
6.4B.2.3.4	EVM Equalizer Flatness for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.4B.2.3.4 if UE supports SA and TS 38.521-1 TC 6.4.2.4 has been executed.

Clause	TC Title	Release	Co		Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4B.2.4.1	Error Vector Magnitude for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.1 if UE supports SA and TS 38.521-2 TC 6.4.2.1 has been executed.
6.4B.2.4.1a	Error Vector Magnitude with Power Boost for inter-band EN-DC including FR2 (1 NR CC)	Rel-16	C012w	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC and <i>mpr-PowerBoost-FR2-</i> r16	E010	PC1 PC2 PC3 PC4	NOTE 1 NOTE 5 Skip TC 6.4B.2.4.1a if UE supports SA and TS 38.521-2 TC 6.4.2.1_1 has been executed.
6.4B.2.4.1_1	Error Vector Magnitude for inter-band EN- DC including FR2 (>1 NR CC)						
6.4B.2.4.1_1.1	Error Vector Magnitude for inter-band EN-DC including FR2 (2 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.1_1.1 if UE supports SA and TS 38.521-2 TC 6.4A.2.1.1 has been executed.
6.4B.2.4.1_1.2	Error Vector Magnitude for inter-band EN-DC including FR2 (3 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.1_1.2 if UE supports SA and TS 38.521-2 TC 6.4A.2.1.2 has been executed.
6.4B.2.4.1_1.3	Error Vector Magnitude for inter-band EN-DC including FR2 (4 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.1_1.3 if UE supports SA and TS 38.521-2 TC 6.4A.2.1.3 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4B.2.4.1D	Error Vector Magnitude for inter-band EN-DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
6.4B.2.4.2	Carrier Leakage for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.4B.2.4.2 if UE supports SA and TS 38.521-2 TC 6.4.2.2 has been executed.
6.4B.2.4.2_1	Carrier Leakage for inter-band EN-DC including FR2 (>1 NR CC)						
6.4B.2.4.2_1.1	Carrier Leakage for inter-band EN-DC including FR2 (2 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.2_1.1 if UE supports SA and TS 38.521-2 TC 6.4A.2.2.1 has been executed.
6.4B.2.4.2_1.2	Carrier Leakage for inter-band EN-DC including FR2 (3 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.2_1.2 if UE supports SA and TS 38.521-2 TC 6.4A.2.2.2 has been executed.
6.4B.2.4.2_1.3	Carrier Leakage for inter-band EN-DC including FR2 (4 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.2_1.3 if UE supports SA and TS 38.521-2 TC 6.4A.2.2.3 has been executed.
6.4B.2.4.2D	Carrier Leakage for inter-band EN-DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.4B.2.4.3	In-band Emissions for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.3 if UE supports SA and TS 38.521-2 TC 6.4.2.3 has been executed.
6.4B.2.4.3D	In-band Emissions for inter-band EN-DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
6.4B.2.4.3_1	In-band Emissions for inter-band EN-DC including FR2 (>1 NR CC)						
6.4B.2.4.3_1.1	In-band Emissions for inter-band EN-DC including FR2 (2 NR CCs)	FFS	FFS	FFS	FFS		NOTE 1
6.4B.2.4.3_1.2	In-band Emissions for inter-band EN-DC including FR2 (3 NR CCs)	FFS	FFS	FFS	FFS		NOTE 1
6.4B.2.4.3_1.3	In-band Emissions for inter-band EN-DC including FR2 (4 NR CCs)	FFS	FFS	FFS	FFS		NOTE 1
6.4B.2.4.4	EVM Equalizer Flatness for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.4 if UE supports SA and TS 38.521-2 TC 6.4.2.4 has been executed.
6.4B.2.4.4D	EVM Equalizer Flatness for inter-band EN-DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
6.4B.2.4.5	EVM spectral flatness for pi/2 BPSK modulation for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012f	UEs supporting Inter-band including FR2 with 1 NR UL CC and pi/2 BPSK modulation	E010		NOTE 1 NOTE 5 Skip TC 6.4B.2.4.5 if UE supports SA and TS 38.521-2 TC 6.4.2.5 has been executed.
6.5B	Output RF spectrum emissions for DC						
6.5B.1.1	Occupied bandwidth for Intra-Band Contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5B.1.2	Occupied bandwidth for Intra-Band Non- Contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 1 NOTE 5 Skip TC 6.5B.1.2 if UE supports SA and TS 38.521-1 TC 6.5.1 has been executed.
6.5B.1.3	Occupied bandwidth for Inter-Band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.5B.1.3 if UE supports SA and TS 38.521-1 TC 6.5.1 has been executed.
6.5B.1.4	Occupied bandwidth for Inter-Band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.5B.1.4 if UE supports SA and TS 38.521-2 TC 6.5.1 has been executed.
6.5B.1.4D	Occupied bandwidth for inter-band EN-DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
6.5B.1.4_1	Occupied bandwidth for Inter-band EN-DC including FR2 (>1 NR CC)						
6.5B.1.4_1.1	Occupied bandwidth for inter-band EN-DC including FR2 (2 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 6.5B.1.4_1.1 if UE supports SA and TS 38.521-2 TC 6.5A.1.1 has been executed.
6.5B.1.4_1.2	Occupied bandwidth for inter-band EN-DC including FR2 (3 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 6.5B.1.4_1.2 if UE supports SA and TS 38.521-2 TC 6.5A.1.2 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5B.1.4_1.3	Occupied bandwidth for inter-band EN-DC including FR2 (4 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 6.5B.1.4_1.3 if UE supports SA and TS 38.521-2 TC 6.5A.1.3 has been executed.
6.5B.2.1.1	Spectrum emissions mask for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		
6.5B.2.1.2	Additional spectrum emissions mask for intra- band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		
6.5B.2.1.3	Adjacent channel leakage ratio for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		
6.5B.2.2.1	Spectrum emissions mask for intra-band non- contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		
6.5B.2.2.2	Additional Spectrum emissions mask for intra- band non-contiguous EN-DC	FFS	FFS	FFS	FFS		NOTE 1
6.5B.2.2.3	Adjacent channel leakage ratio for intra-band non-contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		
6.5B.2.3.1	Spectrum emissions mask for Inter-band EN- DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting Inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.5B.2.3.1 if UE supports SA and TS 38.521-1 TC 6.5.2.2 has been executed.
6.5B.2.3.2	Additional Spectrum emissions mask for Inter- band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting Inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.5B.2.3.2 if UE supports SA and TS 38.521-1 TC 6.5.2.3 has been executed.
6.5B.2.3.3.1	NR - Adjacent channel leakage ratio for inter- band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting Inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.5B.2.3.3.1 if UE supports SA and TS 38.521-1 TC 6.5.2.4.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection		Additional Information
			Condition	Comment			
6.5B.2.3.3.2	UTRA - Adjacent channel leakage ratio for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting Inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.5B.2.3.3.2 if UE supports SA and TS 38.521-1 TC 6.5.2.4.2 has been executed.
6.5B.2.4.1	Spectrum emissions mask for Inter-band EN- DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.5B.2.4.1 if UE supports SA and TS 38.521-2 TC 6.5.2.1 has been executed.
6.5B.2.4.1a	Spectrum emissions mask with Power Boost for Inter-band EN-DC including FR2 (1 NR CC)	Rel-16	C012w	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC and <i>mpr-PowerBoost-FR2-</i> <i>r</i> 16	E010	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.5B.2.4.1a if UE supports SA and TS 38.521-2 TC 6.5.2.1_1 has been executed.
6.5B.2.4.1_1	Spectrum emissions mask for Inter-band EN-DC including FR2 (>1 NR CC)						
6.5B.2.4.1_1.1	Spectrum emissions mask for Inter-band EN- DC including FR2 (2 NR CCs)	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011		NOTE 5 Skip TC 6.5B.2.4.1_1.1 if UE supports SA and TS 38.521-2 TC 6.5A.2.1.1 has been executed.
6.5B.2.4.1_1.2	Spectrum emissions mask for Inter-band EN- DC including FR2 (3 NR CCs)	Rel-15	C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs	E012		NOTE 5 Skip TC 6.5B.2.4.1_1.2 if UE supports SA and TS 38.521-2 TC 6.5A.2.1.2 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5B.2.4.1_1.3	Spectrum emissions mask for Inter-band EN- DC including FR2 (4 NR CCs)	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013		NOTE 5 Skip TC 6.5B.2.4.1_1.3 if UE supports SA and TS 38.521-2 TC 6.5A.2.1.3 has been executed.
6.5B.2.4.3	Adjacent channel leakage ratio for Inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.5B.2.4.3 if UE supports SA and TS 38.521-2 TC 6.5.2.3 has been executed.
6.5B.2.4.3_1	Adjacent channel leakage ratio for Inter- band EN-DC including FR2 (>1 NR CC)						
6.5B.2.4.3_1.1	Adjacent channel leakage ratio for Inter-band EN-DC including FR2 (2 NR CCs)	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011		NOTE 5 Skip TC 6.5B.2.4.3_1.1 if UE supports SA and TS 38.521-2 TC 6.5A.2.2.1 has been executed.
6.5B.2.4.3_1.2	Adjacent channel leakage ratio for Inter-band EN-DC including FR2 (3 NR CCs)	Rel-15	C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs	E012		NOTE 5 Skip TC 6.5B.2.4.3_1.2 if UE supports SA and TS 38.521-2 TC 6.5A.2.2.2 has been executed.
6.5B.2.4.3_1.3	Adjacent channel leakage ratio for Inter-band EN-DC including FR2 (4 NR CCs)	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013		NOTE 5 Skip TC 6.5B.2.4.3_1.3 if UE supports SA and TS 38.521-2 TC 6.5A.2.2.3 has been executed.

Clause	TC Title	Release	Ba		Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5B.2.4.3_1.4	Adjacent channel leakage ratio for Inter-band EN-DC including FR2 (5 NR CCs)	Rel-15	C012i	UEs supporting Inter-Band EN- DC including FR2 with 5 NR UL CCs	E014a		NOTE 1 NOTE 5 Skip TC 6.5B.2.4.3_1.4 if UE supports SA and TS 38.521-2 TC 6.5A.2.2.4 has been executed.
	Adjacent channel leakage ratio for Inter-band EN-DC including FR2 (6 NR CCs)	Rel-15	C012j	UEs supporting Inter-Band EN- DC including FR2 with 6 NR UL CCs	E039		NOTE 1 NOTE 5 Skip TC 6.5B.2.4.3_1.5 if UE supports SA and TS 38.521-2 TC 6.5A.2.2.5 has been executed.
6.5B.2.4.3_1.6	Adjacent channel leakage ratio for Inter-band EN-DC including FR2 (7 NR CCs)	Rel-15	C012k	UEs supporting Inter-Band EN- DC including FR2 with 7 NR UL CCs	E040		NOTE 1 NOTE 5 Skip TC 6.5B.2.4.3_1.6 if UE supports SA and TS 38.521-2 TC 6.5A.2.2.6 has been executed.
	Adjacent channel leakage ratio for Inter-band EN-DC including FR2 (8 NR CCs)	Rel-15	C012I	UEs supporting Inter-Band EN- DC including FR2 with 8 NR UL CCs	E041		NOTE 1 NOTE 5 Skip TC 6.5B.2.4.3_1.7 if UE supports SA and TS 38.521-2 TC 6.5A.2.2.7 has been
6.5B.2.4D.3	Adjacent channel leakage ratio for inter-band EN-DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
6.5B.3.1.1	General spurious emissions for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		NOTE 5 Skip TC 6.5B.3.1.1 if UE supports SA and TS 38.521-1 TC 6.5.3.1 has been executed.
6.5B.3.1.2	Spurious emission band UE co-existence for intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5B.3.2.1	General spurious emissions for intra-band non- contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 5 Skip TC 6.5B.3.2.1 if UE supports SA and TS 38.521-1 TC 6.5.3.1 has been executed.
6.5B.3.2.2	Spurious emission band UE co-existence for intra-band non-contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		
6.5B.3.3.1	General spurious emissions for Inter-band EN- DC within FR1	Rel-15	C011	UEs supporting Inter-band EN- DC within FR1 (2UL CCs)	E005		Test only one EN- DC combination per 5G NR band. Skip LTE anchor agnostic approach testing in TC 6.5B.3.3.1 if UE supports SA and TS 38.521-1 TC 6.5.3.1 has been executed.
6.5B.3.3.2	Spurious emission band UE co-existence for Inter-band within FR1	Rel-15	C011	UEs supporting Inter-band EN- DC within FR1 (2UL CCs)	E005		For LTE anchor agnostic approach testing in TC 6.5B.3.3.2: 1. NOTE 5 applied. 2. Skip the testing if UE supports SA and TS 38.521-1 TC 6.5.3.2 has been executed.
6.5B.3.4.1	General Spurious Emissions for Inter-band including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.5B.3.4.1 if UE supports SA and TS 38.521-2 TC 6.5.3.1 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5B.3.4.1a	General Spurious Emissions with Power Boost for Inter-band including FR2 (1 NR CC)	Rel-16	C012w	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC and <i>mpr-PowerBoost-FR2-</i> r16	E010	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.5B.3.4.1a if UE supports SA and TS 38.521-2 TC 6.5.3.1_1 has been executed.
6.5B.3.4.1_1	General Spurious emissions for Inter-band EN-DC including FR2 (>1 NR CC)						
6.5B.3.4.1_1.1	General Spurious Emissions for Inter-band EN- DC including FR2 (2 NR CCs)	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011		NOTE 5 Skip TC 6.5B.3.4.1_1.1 if UE supports SA and TS 38.521-2 TC 6.5A.3.1.1 has been executed.
6.5B.3.4.1_1.2	General Spurious Emissions for Inter-band EN- DC including FR2 (3 NR CCs)	Rel-15	C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs	E012		NOTE 5 Skip TC 6.5B.3.4.1_1.2 if UE supports SA and TS 38.521-2 TC 6.5A.3.1.2 has been executed.
6.5B.3.4.1_1.3	General Spurious Emissions for Inter-band EN- DC including FR2 (4 NR CCs)	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013		NOTE 5 Skip TC 6.5B.3.4.1_1.3 if UE supports SA and TS 38.521-2 TC 6.5A.3.1.3 has been executed.
6.5B.3.4.1_1.4	General Spurious Emissions for Inter-band EN- DC including FR2 (5 NR CCs)	Rel-15	C012i	UEs supporting Inter-Band EN- DC including FR2 with 5 NR UL CCs	E014a		NOTE 5 Skip TC 6.5B.3.4.1_1.4 if UE supports SA and TS 38.521-2 TC 6.5A.3.1.4 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
6.5B.3.4.1_1.5	General Spurious Emissions for Inter-band EN- DC including FR2 (6 NR CCs)	Rel-15	C012j	UEs supporting Inter-Band EN- DC including FR2 with 6 NR UL CCs	E039		NOTE 5 Skip TC 6.5B.3.4.1_1.5 if UE supports SA and TS 38.521-2 TC 6.5A.3.1.5 has been executed.
6.5B.3.4.1_1.6	General Spurious Emissions for Inter-band EN- DC including FR2 (7 NR CCs)	Rel-15	C012k	UEs supporting Inter-Band EN- DC including FR2 with 7 NR UL CCs	E040		NOTE 5 Skip TC 6.5B.3.4.1_1.6 if UE supports SA and TS 38.521-2 TC 6.5A.3.1.6 has been executed.
6.5B.3.4.1_1.7	General Spurious Emissions for Inter-band EN- DC including FR2 (8 NR CCs)	Rel-15	C012I	UEs supporting Inter-Band EN- DC including FR2 with 8 NR UL CCs	E041		NOTE 5 Skip TC 6.5B.3.4.1_1.7 if UE supports SA and TS 38.521-2 TC 6.5A.3.1.7 has been executed.
6.5B.3.4.1D	General Spurious Emissions for inter-band EN- DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
6.5B.3.4.2	Spurious emission band UE co-existence for Inter-band including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.5B.3.4.2 if UE supports SA and TS 38.521-2 TC 6.5.3.2 has been executed.
6.5B.3.4.2a	Spurious emission band UE co-existence with Power Boost for Inter-band including FR2 (1 NR CC)	Rel-16	C012w	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC and <i>mpr-PowerBoost-FR2-</i> <i>r16</i>	E010	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.5B.3.4.2a if UE supports SA and TS 38.521-2 TC 6.5.3.2_1 has been executed.
6.5B.3.4.2_1	Spurious emission band UE co-existence for Inter-band including FR2 (>1 NR CC)					, 	

Clause	TC Title	Release	Cc		Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
	Spurious emission band UE co-existence for Inter-band EN-DC including FR2 (2NR CCs)	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011		NOTE 5 Skip TC 6.5B.3.4.2_1.1 if UE supports SA and TS 38.521-2 TC 6.5A.3.2.1 has been executed.
	Spurious emission band UE co-existence for Inter-band EN-DC including FR2 (3NR CCs)	Rel-15	C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs	E012		NOTE 5 Skip TC 6.5B.3.4.2_1.2 if UE supports SA and TS 38.521-2 TC 6.5A.3.2.2 has been executed.
6.5B.3.4.2_1.3	Spurious emission band UE co-existence for Inter-band EN-DC including FR2 (4NR CCs)	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013		NOTE 5 Skip TC 6.5B.3.4.2_1.3 if UE supports SA and TS 38.521-2 TC 6.5A.3.2.3 has been executed.
6.5B.3.4.2_1.4	Spurious emission band UE co-existence for Inter-band EN-DC including FR2 (5 NR CCs)	Rel-15	C012i	UEs supporting Inter-Band EN- DC including FR2 with 5 NR UL CCs	E014a		NOTE 5 Skip TC 6.5B.3.4.2_1.4 if UE supports SA and TS 38.521-2 TC 6.5A.3.2.4 has been executed.
	Spurious emission band UE co-existence for Inter-band EN-DC including FR2 (6 NR CCs)	Rel-15	C012j	UEs supporting Inter-Band EN- DC including FR2 with 6 NR UL CCs	E039		NOTE 5 Skip TC 6.5B.3.4.2_1.5 if UE supports SA and TS 38.521-2 TC 6.5A.3.2.5 has been executed.
6.5B.3.4.2_1.6	Spurious emission band UE co-existence for Inter-band EN-DC including FR2 (7 NR CCs)	Rel-15	C012k	UEs supporting Inter-Band EN- DC including FR2 with 7 NR UL CCs	E040		NOTE 5 Skip TC 6.5B.3.4.2_1.6 if UE supports SA and TS 38.521-2 TC 6.5A.3.2.6 has been executed.

Clause	TC Title	Release		Applicability B C		Branch	Additional Information
			Condition	Comment			
6.5B.3.4.2_1.7	Spurious emission band UE co-existence for Inter-band EN-DC including FR2 (8 NR CCs)	Rel-15	C012I	UEs supporting Inter-Band EN- DC including FR2 with 8 NR UL CCs	E041		NOTE 5 Skip TC 6.5B.3.4.2_1.7 if UE supports SA and TS 38.521-2 TC 6.5A.3.2.7 has been executed.
6.5B.4.1	Additional Spurious Emissions for Intra-band contiguous EN-DC	Rel-15	C009	UEs supporting intra-band contiguous EN-DC (2UL CCs)	E003		
6.5B.4.2	Additional Spurious Emissions for Intra-band non-contiguous EN-DC	Rel-15	C010	UEs supporting intra-band non- contiguous EN-DC (2UL CCs)	E004		NOTE 1
6.5B.4.3	Additional Spurious Emissions for Inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.5B.4.3 if UE supports SA and TS 38.521-1 TC 6.5.3.3 has been executed.
6.5B.4.4	Additional Spurious Emissions for Inter-band including FR2 (1 NR CC)	Rel-15	C012	UEs supporting Inter-band including FR2 with 1 NR UL CC	E010		NOTE 5 Skip TC 6.5B.4.4 if UE supports SA and TS 38.521-2 TC 6.5.3.3 has been executed.
6.5B.4.4a	Additional Spurious Emissions with Power Boost for Inter-band including FR2 (1 NR CC)	Rel-16	C012w	UEs supporting inter-band EN- DC including FR2 with 1 NR UL CC and <i>mpr-PowerBoost-FR2-</i> <i>r16</i>	E010	PC1 (NOTE 1) PC2 (NOTE 1) PC3 PC4 (NOTE 1)	NOTE 5 Skip TC 6.5B.4.4a if UE supports SA and TS 38.521-2 TC 6.5.3.3_1 has been executed.
6.5B.4.4_1	Additional Spurious Emissions for Inter- band including FR2 (>1 NR CC)						
6.5B.4.4_1.1	Additional Spurious Emissions for Inter-band including FR2 (2 NR CC)	Rel-15	C012b	UEs supporting Inter-Band EN- DC including FR2 with 2 NR UL CCs	E011	PC1	NOTE 5 Skip TC 6.5B.4.4_1.1 if UE supports SA and TS 38.521-2 TC 6.5A.3.3.1 has been executed.

Clause	TC Title	Release			Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition				
6.5B.4.4_1.2	Additional Spurious Emissions for Inter-band including FR2 (3 NR CC)	Rel-15	C012c	UEs supporting Inter-Band EN- DC including FR2 with 3 NR UL CCs		PC1	NOTE 5 Skip TC 6.5B.4.4.1_1.2 if UE supports SA and TS 38.521-2 TC 6.5A.3.3.2 has been executed.
6.5B.4.4_1.3	Additional Spurious Emissions for Inter-band including FR2 (4 NR CC)	Rel-15	C012d	UEs supporting Inter-Band EN- DC including FR2 with 4 NR UL CCs	E013	PC1	NOTE 5 Skip TC 6.5B.4.4.1_1.3 if UE supports SA and TS 38.521-2 TC 6.5A.3.3.3 has been executed.
6.5B.5.3	Transmit Intermodulation for Inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011b	UEs supporting Inter-band EN- DC within FR1 with 1 NR UL CC	E005b		NOTE 5 Skip TC 6.5B.5.3 if UE supports SA and TS 38.521-1 TC 6.5.4 has been executed.
6.6B.4	Beam Correspondence for inter-band EN-DC including FR2 (1 NR CC) - EIRP	Rel-15	C011b	UEs supporting Inter-band EN- DC within FR2 with 1 NR UL CC and not beam correspondence without UL beam sweeping and release 16 and forward UEs that do not support SSB-based or CSI-RS based enhanced beam correspondence and do not support enhanced beam correspondence without UL beam sweeping	E005b		NOTE 1 NOTE 5 Skip TC 6.6B.4 if UE supports SA and TS 38.521-2 TC 6.6.1 has been executed.
6.6B.5	Enhanced Beam correspondence for inter- band EN-DC including FR2 (1 NR CC) - EIRP	Rel-16	C011b	UEs supporting Inter-band EN- DC within FR2 with 1 NR UL CC and support either CSI-RS or SSB based beam correspondence and do not support beam correspondence without UL beam sweeping	E005b		NOTE 1 NOTE 5 Skip TC 6.6B.5 if UE supports SA and TS 38.521-2 TC 6.6.2 has been executed.
7	Receiver Characteristics						
7.3B	Reference sensitivity level for DC						
7.3B.2.1	Reference sensitivity for intra-band contiguous EN-DC (2 CCs)	Rel-15	C009a	UEs supporting intra-band contiguous EN-DC (2DL CCs)	E003a		

Clause	TC Title	Release			Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.3B.2.2	Reference sensitivity for Intra-band non- contiguous EN-DC (2 CCs)	Rel-15	C010a	UEs supporting intra-band non- contiguous EN-DC (2DL CCs)	E004a		NOTE 5 Skip TC 7.3B.2.2 if UE supports SA and TS 38.521-1 TC 7.3.2 has been executed.
7.3B.2.3	Reference sensitivity for Inter-band EN-DC within FR1 (2 CCs)	Rel-15	C011a	UEs supporting inter-band EN- DC within FR1 (2DL CCs)		PC2 PC3	For LTE anchor agnostic approach testing in TC 7.3B.2.3: 1. NOTE 5 applied. 2. Skip the testing if UE supports SA and TS 38.521-1 TC 7.3.2 has been executed.
7.3B.2.3_1	Reference sensitivity for EN-DC within FR1 (>2 CCs)						
7.3B.2.3_1.1	Reference sensitivity for EN-DC within FR1 (3 CCs)	Rel-15	C045	UEs supporting EN-DC within FR1 (3DL CCs)	E006		
7.3B.2.3_1.2	Reference sensitivity for EN-DC within FR1 (4 CCs)	Rel-15	C046	UEs supporting EN-DC within FR1 (4DL CCs)	E007		
7.3B.2.3_1.3	Reference sensitivity for EN-DC within FR1 (5 CCs)	Rel-15	C047	UEs supporting EN-DC within FR1 (5DL CCs)	E008		
7.3B.2.4	Reference sensitivity for Inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012a	UEs supporting inter-band EN- DC including FR2 with 1 NR DL CC	E010a		NOTE 5 Skip TC 7.3B.2.4 if UE supports SA and TS 38.521-2 TC 7.3.2 has been executed.
7.3B.2.4_1	Reference sensitivity for Inter-band EN-DC including FR2 (>1 NR CC)						
7.3B.2.4_1.1	Reference sensitivity for Inter-band EN-DC including FR2 (2 NR CCs)	Rel-15	C012e	UEs supporting inter-band EN- DC including FR2 with 2 NR DL CCs	E011a		NOTE 5 Skip TC 7.3B.2.4_1.1 if UE supports SA and TS 38.521-2 TC 7.3A.2.1 has been executed.

Clause	TC Title	Release		Applicability E C		Branch	Additional Information
			Condition	Comment			
7.3B.2.4_1.2	Reference sensitivity for Inter-band EN-DC including FR2 (3 NR CCs)	Rel-15	C012g	UEs supporting inter-band EN- DC including FR2 with 3 NR DL CCs	E012a		NOTE 5 Skip TC 7.3B.2.4_1.2 if UE supports SA and TS 38.521-2 TC 7.3A.2.2 has been executed.
7.3B.2.4_1.3	Reference sensitivity for Inter-band EN-DC including FR2 (4 NR CCs)	Rel-15	C012h	UEs supporting inter-band EN- DC including FR2 with 4 NR DL CCs	E013a		NOTE 5 Skip TC 7.3B.2.4_1.3 if UE supports SA and TS 38.521-2 TC 7.3A.2.3 has been executed.
7.3B.2.4_1.4	Reference sensitivity for Inter-band EN-DC including FR2 (5 NR CCs)	Rel-15	FFS	UEs supporting inter-band EN- DC including FR2 with 5 NR DL CCs	FFS		NOTE 1 NOTE 5 Skip TC 7.3B.2.4_1.4 if UE supports SA and TS 38.521-2 TC 7.3A.2.4 has been executed.
7.3B.2.4_1.5	Reference sensitivity for Inter-band EN-DC including FR2 (6 NR CCs)	Rel-15	FFS	UEs supporting inter-band EN- DC including FR2 with 6 NR DL CCs	FFS		NOTE 1 NOTE 5 Skip TC 7.3B.2.4_1.5 if UE supports SA and TS 38.521-2 TC 7.3A.2.5 has been executed.
7.3B.2.4_1.6	Reference sensitivity for Inter-band EN-DC including FR2 (7 NR CCs)	Rel-15	FFS	UEs supporting inter-band EN- DC including FR2 with 7 NR DL CCs	FFS		NOTE 1 NOTE 5 Skip TC 7.3B.2.4_1.6 if UE supports SA and TS 38.521-2 TC 7.3A.2.6 has been executed.

Clause	TC Title	Release	Co		Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.3B.2.4_1.7	Reference sensitivity for Inter-band EN-DC including FR2 (8 NR CCs)	Rel-15	FFS	UEs supporting inter-band EN- DC including FR2 with 8 NR DL CCs	FFS		NOTE 1 NOTE 5 Skip TC 7.3B.2.4_1.7 if UE supports SA and TS 38.521-2 TC 7.3A.2.7 has been executed.
7.3B.2.4D	Reference sensitivity for inter-band EN-DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
7.3B.4	EIS Spherical Coverage for Inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012a	UEs supporting inter-band EN- DC including FR2 with 1 NR DL CC	E010a		NOTE 5 Skip TC 7.3B.4 if UE supports SA and TS 38.521-2 TC 7.3.4 has been executed.
7.4B	Maximum Input Level for DC						
7.4B.1	Maximum Input Level for Intra-Band Contiguous EN-DC (2 CCs)	Rel-15	C009a	UEs supporting Intra-Band Contiguous EN-DC (2DL CCs)	E003a		
7.4B.2	Maximum Input Level for Intra-Band Non- Contiguous EN-DC (2 CCs)	Rel-15	C010a	UEs supporting Intra-Band Non- Contiguous EN-DC (2DL CCs)	E004a		NOTE 5 Skip TC7.4B.2 if UE supports SA and TS 38.521-1 TC 7.4 has been executed
7.4B.3	Maximum Input Level for Inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011c	UEs supporting Inter-band EN- DC within FR1 with 1 NR DL CC	E005c		NOTE 5 Skip TC 7.4B.3 if UE supports SA and TS 38.521-1 TC 7.4 has been executed.
7.4B.3_1	Maximum Input Level for EN-DC within FR1 (>2 CCs)						
7.4B.3_1.1	Maximum Input Level for EN-DC within FR1 (3 CCs)	Rel-15	C045	UEs supporting EN-DC within FR1 (3DL CCs)	E006		
7.4B.3_1.2	Maximum Input Level for EN-DC within FR1 (4 CCs)	Rel-15	C046	UEs supporting EN-DC within FR1 (4DL CCs)	E007		
7.4B.3_1.3	Maximum Input Level for EN-DC within FR1 (5 CCs)	Rel-15	C047	UEs supporting EN-DC within FR1 (5DL CCs)	E008		
7.4B.3_1.4	Maximum Input Level for EN-DC within FR1 (6 CCs)	Rel-15	FFS	FFS	FFS		NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.4B.4	Maximum Input Level for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012a	UEs supporting Inter-band including FR2 with 1 NR DL CC	E010a		NOTE 1 NOTE 5 Skip TC 7.4B.4 if UE supports SA and TS 38.521-2 TC 7.4 has been executed.
7.4B.4_1	Maximum Input Level for inter-band EN-DC including FR2 (>1 NR CC)						
7.4B.4_1.1	Maximum Input Level for inter-band EN-DC including FR2 (2 NR CCs)	FFS	FFS	FFS	FFS		NOTE 1
7.4B.4_1.2	Maximum Input Level for inter-band EN-DC including FR2 (3 NR CCs)	FFS	FFS	FFS	FFS		NOTE 1
7.4B.4_1.3	Maximum Input Level for inter-band EN-DC including FR2 (4 NR CCs)	FFS	FFS	FFS	FFS		NOTE 1
7.4B.4_1.4	Maximum Input Level for inter-band EN-DC including FR2 (5 NR CCs)	FFS	FFS	FFS	FFS		NOTE 1
7.4B.4D	Maximum Input Level for inter-band EN-DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
7.5B	Adjacent channel selectivity for DC						
7.5B.1	Adjacent Channel Selectivity for intra-band contiguous EN-DC (2 CCs)	Rel-15	C009a	UEs supporting intra-band contiguous EN-DC (2DL CCs)	E003a		NOTE 1
7.5B.2	Adjacent Channel Selectivity for intra-band non-contiguous EN-DC (2 CCs)	Rel-15	C010a	UEs supporting intra-band non- contiguous EN-DC (2DL CCs)	E004a		NOTE 1 NOTE 5 Skip TC 7.5B.2 if UE supports SA and TS 38.521-1 TC 7.5 has been executed.
7.5B.3	Adjacent Channel Selectivity for inter-band EN- DC within FR1 (1 NR CC)	Rel-15	C011c	UEs supporting inter-band EN- DC within FR1 with 1 NR DL CCs and one or more LTE DL CC(s)	E005c		NOTE 5 Skip TC 7.5B.3 if UE supports SA and TS 38.521-1 TC 7.5 has been executed.
7.5B.3_1	Adjacent Channel Selectivity for EN-DC within FR1 (>2 CCs)						

Clause	TC Title	Release			Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.5B.3_1.1	Adjacent Channel Selectivity for EN-DC within FR1 (2 NR CCs)	Rel-15	C063	UEs supporting inter-band or intra-band non-contiguous EN- DC within FR1 with 2 NR DL CCs	E027 E029		NOTE 5 Skip TC 7.5B.3_1.1 if UE supports SA and TS 38.521-1 TC 7.5A.1 has been executed.
7.5B.3_1.2	Adjacent Channel Selectivity for EN-DC within FR1 (3 NR CCs)	Rel-15	C064	UEs supporting inter-band or intra-band non-contiguous EN- DC within FR1 with 3 NR DL CCs	E028 E030		NOTE 5 Skip TC 7.5B.3_1.2 if UE supports SA and TS 38.521-1 TC 7.5A.2 has been executed.
7.5B.3_1.3	Adjacent Channel Selectivity for EN-DC within FR1 (4 NR CCs)	Rel-15	C064a	UEs supporting intra-band non- contiguous EN-DC within FR1 with 4 NR DL CCs	E028a E030a		NOTE 5 Skip TC 7.5B.3_1.3 if UE supports SA and TS 38.521-1 TC 7.5A.3 has been executed.
7.5B.3_1.4	Adjacent Channel Selectivity for EN-DC within FR1 (5 NR CCs)	Rel-15	C064b	UEs supporting intra-band non- contiguous EN-DC within FR1 with 5 NR DL CCs	E028b E030b		NOTE 1 NOTE 5 Skip TC 7.5B.3_1.4 if UE supports SA and TS 38.521-1 TC 7.5A.4 has been executed.
7.5B.4	Adjacent Channel Selectivity for inter-band EN- DC including FR2 (1 NR CC)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 7.5B.4 if UE supports SA and TS 38.521-2 TC 7.5 has been executed.
7.5B.4_1	Adjacent Channel Selectivity for inter-band EN-DC including FR2 (>1 NR CC)						
7.5B.4_1.1	Adjacent Channel Selectivity for inter-band EN- DC including FR2 (2 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 7.5B.4_1.1 if UE supports SA and TS 38.521-2 TC 7.5A.1 has been executed.
7.5B.4_1.2	Void						

Clause	TC Title			Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.5B.4_1.3	Void						
7.5B.4_1.4	Void						
7.5B.4D	Adjacent Channel Selectivity for inter-band EN- DC including FR2 for UL MIMO	FFS	FFS	FFS	FFS		NOTE 1
7.6B	Blocking characteristics for DC						
7.6B.2.1	Inband blocking for intra-band contiguous EN- DC (2 CCs)	Rel-15	C009a	UEs supporting Intra-Band Contiguous EN-DC (2DL CCs)	E003a		
7.6B.2.2	Inband blocking for intra-band non-contiguous EN-DC (2 CCs)	Rel-15	C010a	UEs supporting Intra-Band Non- Contiguous EN-DC (2DL CCs)	E004a		NOTE 5 Skip TC 7.6B.2.2 if UE supports SA and TS 38.521-1 TC 7.6.2 has been executed.
7.6B.2.3	Inband blocking for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011c	UEs supporting Inter-band EN- DC within FR1 with 1 NR DL CC	E005c		NOTE 5 Skip TC 7.6B.2.3 if UE supports SA and TS 38.521-1 TC 7.6. 2 has been executed.
7.6B.2.3_1	Inband blocking for EN-DC within FR1 (>2 CCs)						
7.6B.2.3_1.1	Inband blocking for EN-DC within FR1 (3 CCs)	Rel-15	C045	UEs supporting EN-DC within FR1 (3DL CCs)	E006		
7.6B.2.3_1.2	Inband blocking for EN-DC within FR1 (4 CCs)	Rel-16	C046	UEs supporting EN-DC within FR1 (4DL CCs)	E007		
7.6B.2.3_1.3	Inband blocking for EN-DC within FR1 (5 CCs)	Rel-16	C047	UEs supporting EN-DC within FR1 (5DL CCs)	E008		Skip TC 7.6B.2.3_1.3 if UE supports SA and TS 38.521-1 TC 7.6A.2.3 has been executed.
7.6B.2.4	Inband blocking for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012a	UEs supporting Inter-band EN- DC including FR2 with 1 NR DL CC	E010a		NOTE 5 Skip TC 7.6B.2.4 if UE supports SA and TS 38.521-2 TC 7.6.2 has been executed.
7.6B.2.4_1	Inband blocking for inter-band EN-DC including FR2 (>1 NR CC)						

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.6B.2.4_1.1	Inband blocking for inter-band EN-DC including FR2 (2 NR CCs)	Rel-15	FFS	FFS	FFS		NOTE 1 NOTE 5 Skip TC 7.6B.2.4_1.1 if UE supports SA and TS 38.521-2 TC 7.6A.2.1 has been executed.
7.6B.2.4_1.2	Void						
7.6B.2.4_1.3	Void		-				
7.6B.2.4_1.4 7.6B.2.4D	Void	FFS	FFS	FFS	FFS		NOTE 1
	Inband blocking for inter-band EN-DC including FR2 for UL MIMO				_		NOTE 1
7.6B.3.1	Out-of-band blocking for intra-band contiguous EN-DC (2 CCs)	Rel-15	C009a	UEs supporting Intra-Band Contiguous EN-DC (2DL CCs)	E003a		
7.6B.3.2	Out-of-band blocking for intra-band non- contiguous EN-DC (2 CCs)	Rel-15	C010a	UEs supporting Intra-Band Non- Contiguous EN-DC (2DL CCs)	E004a		NOTE 5 Skip TC 7.6B.3.2 if UE supports SA and TS 38.521-1 TC 7.6.3 has been executed.
7.6B.3.3	Out-of-band blocking for inter-band EN-DC within FR1 (2 CCs)	Rel-15	C011a	UEs supporting Inter-band EN- DC within FR1 (2DL CCs)	E005a		
7.6B.3.3_1	Out-of-band blocking for EN-DC within FR1 (>2 CCs)						
7.6B.3.3_1.1	Out-of-band blocking for EN-DC within FR1 (3 CCs)	Rel-15	C048	UEs supporting intra-band contiguous EN-DC within FR1 with 3 DL CCs	E006	_	
7.6B.3.3_1.2	Out-of-band blocking for EN-DC within FR1 (4 CCs)	Rel-16	C049	UEs supporting intra-band contiguous EN-DC within FR1 with 4 DL CCs	E007		
7.6B.4.1	Narrow band blocking for intra-band contiguous EN-DC (2 CCs)	Rel-15	C009a	UEs supporting Intra-Band Contiguous EN-DC (2DL CCs)	E003a		
7.6B.4.2	Narrow band blocking for intra-band non- contiguous EN-DC (2 CCs)	Rel-15	C010a	UEs supporting Intra-Band Non- Contiguous EN-DC (2DL CCs)	E004a		NOTE 5 Skip TC 7.6B.4.2 if UE supports SA and TS 38.521-1 TC 7.6.4 has been executed.

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.6B.4.3	Narrow band blocking for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011c	UEs supporting Inter-band EN- DC within FR1 with 1 NR DL CC	E005c		NOTE 5 Skip TC 7.6B.4.3 if UE supports SA and TS 38.521-1 TC 7.6.4 has been executed.
7.6B.4.3_1	Narrow band blocking for EN-DC within FR1 (>2 CCs)						
7.6B.4.3_1.1	Narrow band blocking for EN-DC within FR1 (3 CCs)	Rel-15	C045	UEs supporting EN-DC within FR1 (3DL CCs)	E006		
7.6B.4.3_1.2	Narrow band blocking for EN-DC within FR1 (4 CCs)	Rel-16	C046	UEs supporting EN-DC within FR1 (4DL CCs)	E007		
7.6B.4.3_1.3	Narrow band blocking for EN-DC within FR1 (5 CCs)	Rel-16	C047	UEs supporting EN-DC within FR1 (5DL CCs)	E008		Skip TC 7.6B.4.3_1.3 if UE supports SA and TS 38.521-1 TC 7.6A.4.3 has been executed.
7.7B	Spurious response for DC						
7.7B.1	Spurious Response for intra-band contiguous EN-DC (2 CCs)	Rel-15	C009a	UEs supporting Intra-Band Contiguous EN-DC (2DL CCs)	E003a		
7.7B.2	Spurious Response for intra-band non- contiguous EN-DC (2 CCs)	Rel-15	C010a	UEs supporting Intra-Band Non- Contiguous EN-DC (2DL CCs)	E004a		NOTE 5 Skip TC 7.7B.2 if UE supports SA and TS 38.521-1 TC 7.7 has been executed.
7.7B.3	Spurious Response for inter-band EN-DC within FR1 (2 CCs)	Rel-15	C011a	UEs supporting Inter-band EN- DC within FR1 (2DL CCs)	E005a		
7.7B.3_1	Spurious Response for EN-DC within FR1 (>2 CCs)						
7.7B.3_1.1	Spurious Response for EN-DC within FR1 (3 CCs)	Rel-15	C048	UEs supporting intra-band contiguous EN-DC within FR1 with 3 DL CCs	E006		
7.7B.3_1.2	Spurious Response for EN-DC within FR1 (4 CCs)	Rel-16	C049	UEs supporting intra-band contiguous EN-DC within FR1 with 4 DL CCs	E007		
7.8B	Intermodulation characteristics for DC						
7.8B.2.1	Wideband Intermodulation for intra-band contiguous EN-DC (2 CCs)	Rel-15	C009a	UEs supporting Intra-Band Contiguous EN-DC (2DL CCs)	E003a		NOTE 1

Clause	TC Title	Release		Applicability	Tested Bands/CA/DC- Configurations Selection	Branch	Additional Information
			Condition	Comment			
7.8B.2.2	Wideband Intermodulation for intra-band non- contiguous EN-DC (2 CCs)	Rel-15	C010a	UEs supporting Intra-Band non- contiguous EN-DC (2DL CCs)	E004a		NOTE 5 Skip TC 7.8B.2.2 if UE supports SA and TS 38.521-1 TC 7.8.2 has been executed.
7.8B.2.3	Wideband Intermodulation for inter-band EN- DC within FR1 (2 CCs)	Rel-15	C011a	UEs supporting inter-band EN- DC within FR1 (2DL CCs)	E005c		NOTE 5 Skip TC 7.8B.2.3 if UE supports SA and TS 38.521-1 TC 7.8.2 has been executed.
7.8B.2.3_1	Wideband Intermodulation for EN-DC within FR1 (>2 CCs)						
7.8B.2.3_1.1	Wideband Intermodulation for EN-DC within FR1 (3 CCs)	Rel-15	C045	UEs supporting EN-DC within FR1 (3DL CCs)	E006		
7.8B.2.3_1.2	Wideband Intermodulation for EN-DC within FR1 (4 CCs)	Rel-15	C046	UEs supporting EN-DC within FR1 (4DL CCs)	E007		
7.8B.2.3_1.3	Wideband Intermodulation for EN-DC within FR1 (5 CCs)	Rel-15	FFS	FFS	FFS		NOTE 1
7.9B	Spurious emissions for DC						
7.9B.1	Spurious Emissions for intra-band contiguous EN-DC (2 CCs)	Rel-15	C009a	UEs supporting Intra-Band Contiguous EN-DC (2DL CCs)	E003a		NOTE 5 Skip TC 7.9B.1 if UE supports SA and TS 38.521-1 TC 7.9 has been executed.
7.9B.2	Spurious Emissions for intra-band non- contiguous EN-DC (2 CCs)	Rel-15	C010a	UEs supporting Intra-Band non- contiguous EN-DC (2DL CCs)	E004a		NOTE 5 Skip TC 7.9B.2 if UE supports SA and TS 38.521-1 TC 7.9 has been executed.
7.9B.3	Spurious Emissions for inter-band EN-DC within FR1 (1 NR CC)	Rel-15	C011c	UEs supporting inter-band EN- DC within FR1 with 1 NR DL CC	E005c		NOTE 5 Skip TC 7.9B.3 if UE supports SA and TS 38.521-1 TC 7.9 has been executed.
7.9B.3_1	Spurious Emissions for EN-DC within FR1 (>2 CCs)						

Clause	TC Title Release Applicability		Applicability	Tested Bands/CA/DC- Configurations Selection	Additional Information	
			Condition	Comment		
7.9B.3_1.1	Spurious Emissions for EN-DC within FR1 (3 CCs)	Rel-15	C048	UEs supporting EN-DC within FR1 with 1 LTE DL CC and 2 inter-band NR DL CCs with DL- only NR band	E006	
7.9B.4	Spurious Emissions for inter-band EN-DC including FR2 (1 NR CC)	Rel-15	C012a	UEs supporting Inter-band including FR2 with 1 NR DL CC	E010a	NOTE5 Skip TC 7.9B.4 if UE supports SA and TS 38.521-2 TC 7.9 has been executed.
case foun NOTE 2: Void NOTE 3: Void NOTE 4: Void		0C Configur 1-3.	ation for at le	east one feature included in the tes		

Table 4.1.3-1a: Void

Table 4.1.3-1b: Void

Table 4.1.3-1c: Void

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## 4.1.4 Performance conformance test cases

Table 4.1.4-1: Applicability of performance test cases, ref. TS 38.521-4 [4]

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Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5	Demodulation performance requirements (Conducted requirements)						
5.2	PDSCH demodulation requirements						
5.2.1.1.1	1Rx FDD FR1 PDSCH performance for RedCap		C177a	RedCap UEs supporting 5GS FDD FR1 and 1Rx UE capability	D008	NOTE 1	Subtest 1-4: F023
5.2.1.2.1	1Rx TDD FR1 PDSCH performance for RedCap	Rel-17	C177c	RedCap UEs supporting 5GS TDD FR1 and 1Rx UE capability	D009		Subtest 1-4: F023
5.2.2.1.1_1	2Rx FDD FR1 PDSCH mapping Type A performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		Subtest 1-3: F023
5.2.2.1.1_2	2Rx FDD FR1 PDSCH mapping Type A performance - 2x2 MIMO with enhanced receiver type 1 for both SA and NSA	Rel-15	C015x	UEs supporting 5GS FDD FR1 and Enhanced Receiver Type 1 but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.1_3	2Rx FDD FR1 PDSCH mapping Type A performance - 2x2 MIMO with baseline receiver for DL1024QAM for both SA and NSA	Rel-17	C200	UEs supporting 5GS FDD FR1 and DL1024Qam but not supporting FDD bands with 4Rx UE capability	D008	NOTE 1	
5.2.2.1.2_1	2Rx FDD FR1 PDSCH mapping Type A and CSI-RS overlapped with PDSCH performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.3_1	2Rx FDD FR1 PDSCH mapping Type B performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C015b	UEs supporting 5GS FDD FR1 and PDSCH mapping Type B but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.4_1	2Rx FDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C015y	UEs supporting 5GS FDD FR1 and receiving PDSCH with resource mapping that excludes the REs determined by the higher layer configuration LTE-carrier configuring common RS but not supporting FDD bands with 4Rx UE capability	D008	Subtest 1-1 execution not necessary if subtest 1-2 is executed.	Subtest 1-2: F022
5.2.2.1.5_1	2Rx FDD FR1 PDSCH 0.001% BLER performance - 1x2 MIMO with baseline receiver for both SA and NSA	Rel-16	C074	UEs supporting 5GS FDD FR1 and alternative 64QAM MCS table for PDSCH and CQI table with target BLER of 10^-5, but not supporting FDD bands with 4Rx UE capability	D008		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2.2.1.6_1	2Rx FDD FR1 PDSCH repetitions over multiple slots performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-16	C120	UEs supporting 5GS FDD FR1 and aggregationFactorDL > 1 for PDSCH repetition multislots and alternative 64QAM MCS table for PDSCH but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.7_1	2Rx FDD FR1 PDSCH Mapping Type B and UE processing capability 2 performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-16	C116	and PDSCH processing capability 2 and PDSCH mapping type B, but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.8_1	2Rx FDD FR1 PDSCH pre-emption performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-16	C121	and PDSCH pre-emption indication but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.9_1	2Rx FDD FR1 HST-SFN performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C099	UEs supporting 5GS FDD FR1 and enhanced demodulation processing for HST-SFN joint transmission scheme but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.10_1	2Rx FDD FR1 HST-DPS performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C152	UEs supporting 5GS FDD FR1 and number of active TCI states per BWP per CC but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.11_1	2Rx FDD FR1 PDSCH Single-DCI based SDM scheme performance - 2x2 MIMO for both SA and NSA		C070	and single DCI based spatial division multiplexing scheme, but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.12_1	2Rx FDD FR1 PDSCH Multiple-DCI based transmission scheme performance - 2x2 MIMO for both SA and NSA	Rel-16	C113		D008		
5.2.2.1.13_1	2Rx FDD FR1 PDSCH Single-DCI based FDM scheme A performance - 2x2 MIMO for both SA and NSA	Rel-16	C114		D008		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment	-		
5.2.2.1.14_1	2Rx FDD FR1 PDSCH Single-DCI based Inter-slot TDM scheme performance - 2x2 MIMO for both SA and NSA	Rel-16	C115	UEs supporting 5GS FDD FR1 and single-DCI based inter-slot TDM, but not supporting FDD bands with 4Rx UE capability	D008	Test execution not necessary if 5.2.2.1.6_1 is executed.	
5.2.2.1.15_1	2Rx FDD FR1 PDSCH with inter-cell interference - 2x2 MIMO for both SA and NSA	Rel-15, Rel-16	C015d	UEs supporting 5GS FDD FR1 and MMSE-IRC receiver but not supporting FDD bands with 4Rx UE capability	D008		
		Rel-17	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.16_1	2Rx FDD FR1 for PDSCH with intra cell inter user interference performance – 2x2 MIMO for both NSA and SA	Rel-15, Rel-16	C015d	UEs supporting 5GS FDD FR1 and MMSE-IRC receiver but not supporting FDD bands with 4Rx UE capability	D008		
		Rel-17	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
5.2.2.1.17	2Rx FDD FR1 PDSCH performance for RedCap	Rel-17	C177b	RedCap UEs supporting 5GS FDD FR1 and 2Rx UE capability	D008	NOTE 1	Subtest 1-3: F023
5.2.2.1.20	2Rx FDD FR1 PDSCH HST-SFN Scheme A performance - 2x2 MIMO for both SA and NSA	Rel-17	C245	UEs supporting 5GS FDD FR1 and SFN scheme A for PDCCH scheduling SFN Scheme A PDSCH, but not supporting FDD bands with 4Rx UE capability	D008	NOTE 1	
5.2.2.1.21	2Rx FDD FR1 PDSCH HST-SFN Scheme B performance - 2x2 MIMO for both SA and NSA	Rel-17	C246	UEs supporting 5GS FDD FR1 and SFN scheme B for PDCCH scheduling SFN Scheme B PDSCH, but not supporting FDD bands with 4Rx UE capability	D008	NOTE 1 Test execution is not necessary if TC 5.2.2.1.20 is executed.	
5.2.2.2.1_1	2Rx TDD FR1 PDSCH mapping Type A performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D009 D010		Subtest 1-3: F023
5.2.2.2.1_2	2Rx TDD FR1 PDSCH mapping Type A performance - 2x2 MIMO with enhanced receiver type 1 for both SA and NSA	Rel-15	C016x	UEs supporting 5GS TDD FR1 and Enhanced Receiver Type 1 but not supporting TDD bands with 4Rx UE capability	D010		
5.2.2.2.1_3	2Rx TDD FR1 PDSCH mapping Type A performance - 2x2 MIMO with baseline receiver for DL1024QAM for both SA and NSA	Rel-17	C201	UEs supporting 5GS TDD FR1 and DL 1024QAM	D010	NOTE 1	

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2.2.2.2_1	2Rx TDD FR1 PDSCH mapping Type A and CSI-RS overlapped with PDSCH performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C016	but not supporting TDD bands with 4Rx UE capability	D010		
5.2.2.3_1	2Rx TDD FR1 PDSCH mapping Type B performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C016b	and PDSCH mapping Type B but not supporting TDD bands with 4Rx UE capability	D010		
5.2.2.2.4_1	2Rx TDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C016y	UEs supporting 5GS TDD FR1 and receiving PDSCH with resource mapping that excludes the REs determined by the higher layer configuration LTE-carrier configuring common RS but not supporting TDD bands with 4Rx UE capability	D019	Subtest 1-1 execution not necessary if subtest 1-2 is executed.	Subtest 1-2: F022
5.2.2.2.5_1	2Rx TDD FR1 PDSCH 0.001% BLER performance - 1x2 MIMO with baseline receiver for both SA and NSA	Rel-16	C075	UEs supporting 5GS TDD FR1 and alternative 64QAM MCS table for PDSCH and CQI table with target BLER of 10^-5, but not supporting TDD bands with 4Rx UE capability	D009		
5.2.2.2.6_1	2Rx TDD FR1 PDSCH repetitions over multiple slots performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-16	C122	UEs supporting 5GS TDD FR1 and aggregationFactorDL > 1 for PDSCH repetition multislots and alternative 64QAM MCS table for PDSCH but not supporting TDD bands with 4Rx UE capability	D010		
5.2.2.7_1	2Rx TDD FR1 PDSCH Mapping Type B and UE processing capability 2 performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-16	C117	UEs supporting 5GS TDD FR1 and PDSCH processing capability 2 and PDSCH mapping type B, but not supporting TDD bands with 4Rx UE capability	D010		
5.2.2.2.8_1	2Rx TDD FR1 PDSCH pre-emption performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-16	C123	UEs supporting 5GS TDD FR1 and PDSCH pre-emption indication but not supporting TDD bands with 4Rx UE capability	D010		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2.2.2.9_1	2Rx TDD FR1 HST-SFN performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		
5.2.2.2.10_1	2Rx TDD FR1 HST-DPS performance - 2x2 MIMO with baseline receiver for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		
5.2.2.2.11_1	2Rx TDD FR1 PDSCH Single-DCI based SDM scheme performance - 2x2 MIMO for both SA and NSA	Rel-16	C071	UEs supporting 5GS TDD FR1 and single DCI based spatial division multiplexing scheme, but not supporting TDD bands with 4Rx UE capability	D009		
5.2.2.2.12_1	2Rx TDD FR1 PDSCH Multiple-DCI based transmission scheme performance - 2x2 MIMO for both SA and NSA	Rel-16	C113a	UEs supporting 5GS TDD FR1 and multi-DCI based multi-TRP, but not supporting TDD bands with 4Rx UE capability	D009		
5.2.2.2.13_1	2Rx TDD FR1 PDSCH Single-DCI based FDM scheme A performance - 2x2 MIMO for both SA and NSA	Rel-16	C114a	UEs supporting 5GS TDD FR1 and single DCI based FDMSchemeA, but not supporting TDD bands with 4Rx UE capability	D009		
5.2.2.2.14_1	2Rx TDD FR1 PDSCH Single-DCI based Inter-slot TDM scheme performance - 2x2 MIMO for both SA and NSA	Rel-16	C115a	UEs supporting 5GS TDD FR1 and single-DCI based inter-slot TDM, but not supporting TDD bands with 4Rx UE capability	D009	Test execution not necessary if 5.2.2.2.6_1 is executed.	
5.2.2.2.15	2Rx TDD FR1 PDSCH mapping type A performance on band with shared spectrum access	Rel-16	C204	UEs supporting 5GS TDD FR1 and NR-U	D025	NOTE 1	
5.2.2.2.16_1	2Rx TDD FR1 for PDSCH with inter-cell interference performance – 2x2 MIMO for both NSA and SA	Rel-15, Rel-16	C016d	UEs supporting 5GS TDD FR1 and MMSE-IRC receiver but not supporting TDD bands with 4Rx UE capability	D010		
		Rel-17	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		
5.2.2.2.17_1	2Rx TDD FR1 for PDSCH with intra cell inter user interference performance – 2x2 MIMO for both NSA and SA	Rel-15, Rel-16	C016d	UEs supporting 5GS TDD FR1 and MMSE-IRC receiver but not supporting TDD bands with 4Rx UE capability	D010		
		Rel-17	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2.2.2.18	2Rx TDD FR1 PDSCH performance for RedCap	Rel-17	C177b	RedCap UEs supporting 5GS TDD FR1 and 2Rx UE capability	D009	NOTE 1	Subtest 1-2: F023
5.2.2.2.21	2Rx TDD FR1 PDSCH HST-SFN Scheme A performance - 2x2 MIMO for both SA and NSA	Rel-17	C247	UEs supporting 5GS TDD FR1 and SFN scheme A for PDCCH scheduling SFN Scheme A PDSCH, but not supporting TDD bands with 4Rx UE capability	D010	NOTE 1	
5.2.2.2.22	2Rx TDD FR1 PDSCH HST-SFN Scheme B performance - 2x2 MIMO for both SA and NSA	Rel-17	C248	UEs supporting 5GS TDD FR1 and SFN scheme B for PDCCH scheduling SFN Scheme B PDSCH, but not supporting TDD bands with 4Rx UE capability	D010	NOTE 1 Test execution is not necessary if TC 5.2.2.2.21 is executed.	
5.2.3.1.1_1	4Rx FDD FR1 PDSCH mapping Type A performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C017	and 4Rx antenna ports	D008		Subtest 1-3: F023
5.2.3.1.1_2	4Rx FDD FR1 PDSCH mapping Type A performance - 4x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
5.2.3.1.1_4	4Rx FDD FR1 PDSCH mapping Type A performance - 4x4 MIMO with enhanced receiver type 1 for both SA and NSA	Rel-15	C017x	UEs supporting 5GS FDD FR1 and 4Rx antenna ports and Enhanced Receiver Type 1	D008		
5.2.3.1.1_5	4Rx FDD FR1 PDSCH mapping Type A performance - 2x4 MIMO with baseline receiver for DL1024QAM for both SA and NSA	Rel-17	C202	UEs supporting 5GS FDD FR1 and 4Rx antenna ports and DL1024QAM	D008	NOTE 1	
5.2.3.1.2_1	4Rx FDD FR1 PDSCH mapping Type A and CSI-RS overlapped with PDSCH performance - 4x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
5.2.3.1.3_1	4Rx FDD FR1 PDSCH mapping Type B performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C017b	UEs supporting 5GS FDD FR1 and 4Rx antenna ports and PDSCH mapping Type B	D008 D011		
5.2.3.1.4_1	4Rx FDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C017y	UEs supporting 5GS FDD FR1 and 4Rx antenna ports and receiving PDSCH with resource mapping that excludes the REs determined by the higher layer configuration LTE-carrier configuring common RS	D008	Subtest 1-1 execution not necessary if subtest 1-2 is executed.	Subtest 1-2: F022

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2.3.1.5_1	4Rx FDD FR1 PDSCH 0.001% BLER performance - 1x4 MIMO with baseline receiver for both SA and NSA	Rel-16	C076	UEs supporting 5GS FDD FR1 and alternative 64QAM MCS table for PDSCH and CQI table with target BLER of 10^-5 and 4Rx antenna ports	D008		
5.2.3.1.6_1	4Rx FDD FR1 PDSCH repetitions over multiple slots performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-16	C124	UEs supporting 5GS FDD FR1 and aggregationFactorDL > 1 for PDSCH repetition multislots and alternative 64QAM MCS table for PDSCH and 4Rx antenna ports	D008		
5.2.3.1.7_1	4Rx FDD FR1 PDSCH Mapping Type B and UE processing capability 2 performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-16	C118	UEs supporting 5GS FDD FR1 and PDSCH processing capability 2 and PDSCH mapping type B and 4Rx antenna ports	D008		
5.2.3.1.8_1	4Rx FDD FR1 PDSCH pre-emption performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-16	C169	UEs supporting 5GS FDD FR1 and PDSCH pre-emption indication and 4Rx antenna ports	D008		
5.2.3.1.9_1	4Rx FDD FR1 HST-SFN performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C127	UEs supporting 5GS FDD FR1 and enhanced demodulation processing for HST-SFN joint transmission scheme and 4Rx antenna ports	D008		
5.2.3.1.10_1	4Rx FDD FR1 HST-DPS performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C154	UEs supporting 5GS FDD FR1 and number of active TCI states per BWP per CC and 4Rx antenna ports	D008		
5.2.3.1.11_1	4Rx FDD FR1 PDSCH Single-DCI based SDM scheme performance - 2x4 MIMO for both SA and NSA	Rel-16	C072	UEs supporting 5GS FDD FR1 and single DCI based spatial division multiplexing scheme and 4Rx antenna ports	D008		
5.2.3.1.12_1	4Rx FDD FR1 PDSCH Multiple-DCI based transmission scheme performance - 2x4 MIMO for both SA and NSA	Rel-16	C113b	UEs supporting 5GS FDD FR1 and multi-DCI based multi-TRP and 4Rx antenna ports	D008		
5.2.3.1.13_1	4Rx FDD FR1 PDSCH Single-DCI based FDM scheme A performance - 2x4 MIMO for both SA and NSA	Rel-16	C114b	UEs supporting 5GS FDD FR1 and single DCI based FDMSchemeA and 4Rx antenna ports	D008		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2.3.1.14_1	4Rx FDD FR1 PDSCH Single-DCI based Inter-slot TDM scheme performance - 2x4 MIMO for both SA and NSA	Rel-16	C115b	UEs supporting 5GS FDD FR1 and single-DCI based inter-slot TDM and 4Rx antenna ports	D008	Test execution not necessary if 5.2.3.1.6_1 is executed.	
5.2.3.1.15_1	4Rx FDD FR1 PDSCH with inter-cell interference - 2x4 MIMO for both SA and NSA	Rel-15, Rel-16	C017d	UEs supporting 5GS FDD FR1 and 4Rx antenna ports and MMSE-IRC receiver	D008		
		Rel-17	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
5.2.3.1.16_1	4Rx FDD FR1 for PDSCH with intra cell inter user interference performance – 2x4 MIMO for both NSA and SA	Rel-15, Rel-16	C017d	UEs supporting 5GS FDD FR1 and 4Rx antenna ports and MMSE-IRC receiver	D008		
		Rel-17	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
5.2.3.1.16_2	4Rx FDD FR1 for PDSCH with intra cell inter user interference performance – 4x4 MIMO for both NSA and SA	Rel-15, Rel-16	C017d	UEs supporting 5GS FDD FR1 and 4Rx antenna ports and MMSE-IRC receiver	D008		
		Rel-17	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
5.2.3.1.19	4Rx FDD FR1 PDSCH HST-SFN Scheme A performance - 2x4 MIMO for both SA and NSA	Rel-17	C249	UEs supporting 5GS FDD FR1 and SFN scheme A for PDCCH scheduling SFN Scheme A PDSCH, and 4Rx antenna ports	D008	NOTE 1	
5.2.3.1.20	4Rx FDD FR1 PDSCH HST-SFN Scheme B performance - 2x4 MIMO for both SA and NSA	Rel-17	C250	UEs supporting 5GS FDD FR1 and SFN scheme B for PDCCH scheduling SFN Scheme B PDSCH, and 4Rx antenna ports	D008	NOTE 1 Test execution is not necessary if TC 5.2.3.1.19 is executed.	
5.2.3.2.1_1	4Rx TDD FR1 PDSCH mapping Type A performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D009 D010		Subtest 1-3: F023
5.2.3.2.1_2	4Rx TDD FR1 PDSCH mapping Type A performance - 4x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
5.2.3.2.1_4	4Rx TDD FR1 PDSCH mapping Type A performance - 4x4 MIMO with enhanced receiver type 1 for both SA and NSA	Rel-15	C019x	UEs supporting 5GS TDD FR1 and Enhanced Receiver Type 1 and 4Rx antenna ports	D010		
5.2.3.2.1_5	4Rx TDD FR1 PDSCH mapping Type A performance - 2x4 MIMO with baseline receiver for DL1024QAM for both SA and NSA	Rel-17	C203	UEs supporting 5GS TDD FR1 and 4Rx antenna ports and DL 1024QAM	D010	NOTE 1	

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2.3.2.2_1	4Rx TDD FR1 PDSCH mapping Type A and CSI-RS overlapped with PDSCH performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D009 D010		
5.2.3.2.3_1	4Rx TDD FR1 PDSCH mapping Type B performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C019b	UEs supporting 5GS TDD FR1 and 4Rx antenna ports and PDSCH mapping Type B	D009 D011		
5.2.3.2.4_1	4Rx TDD FR1 PDSCH Mapping Type A and LTE-NR coexistence performance - 4x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C017z	UEs supporting 5GS TDD FR1 and 4Rx antenna ports and receiving PDSCH with resource mapping that excludes the REs determined by the higher layer configuration LTE-carrier configuring common RS	D009	Subtest 1-1 execution not necessary if subtest 1-2 is executed.	Subtest 1-2: F022
5.2.3.2.5_1	4Rx TDD FR1 PDSCH 0.001% BLER performance - 1x4 MIMO with baseline receiver for both SA and NSA	Rel-16	C077	UEs supporting 5GS TDD FR1 and alternative 64QAM MCS table for PDSCH and CQI table with target BLER of 10^-5 and 4Rx antenna ports	D009		
5.2.3.2.6_1	4Rx TDD FR1 PDSCH repetitions over multiple slots performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-16	C125	UEs supporting 5GS TDD FR1 and aggregationFactorDL > 1 for PDSCH repetition multislots and alternative 64QAM MCS table for PDSCH and 4Rx antenna ports	D010		
5.2.3.2.7_1	4Rx TDD FR1 PDSCH Mapping Type B and UE processing capability 2 performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-16	C119	UEs supporting 5GS TDD FR1 and PDSCH processing capability 2 and PDSCH mapping type B and 4Rx antenna ports	D010		
5.2.3.2.8_1	4Rx TDD FR1 PDSCH pre-emption performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-16	C170	and PDSCH pre-emption indication and 4Rx antenna ports	D010		
5.2.3.2.9_1	4Rx TDD FR1 HST-SFN performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C019y	UEs supporting 5GS TDD FR1 and 4Rx antenna ports and enhanced demodulation processing for HST-SFN joint transmission scheme	D010 D011		
5.2.3.2.10_1	4Rx TDD FR1 HST DPS performance - 2x4 MIMO with baseline receiver for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010 D011	NOTE 1	

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2.3.2.11_1	4Rx TDD FR1 PDSCH Single-DCI based SDM scheme performance - 2x4 MIMO for both SA and NSA	Rel-16	C073	UEs supporting 5GS TDD FR1 and single DCI based spatial division multiplexing scheme and 4Rx antenna ports	D009		
5.2.3.2.12_1	4Rx TDD FR1 PDSCH Multiple-DCI based transmission scheme performance - 2x4 MIMO for both SA and NSA	Rel-16	C113c	UEs supporting 5GS TDD FR1 and multi-DCI based multi-TRP and 4Rx antenna ports	D009		
5.2.3.2.13_1	4Rx TDD FR1 PDSCH Single-DCI based FDM scheme A performance - 2x4 MIMO for both SA and NSA	Rel-16	C114c	UEs supporting 5GS TDD FR1 and single DCI based FDMSchemeA and 4Rx antenna ports	D009		
5.2.3.2.14_1	4Rx TDD FR1 PDSCH Single-DCI based Inter-slot TDM scheme performance - 2x4 MIMO for both SA and NSA	Rel-16	C115c	UEs supporting 5GS TDD FR1 and single-DCI based inter-slot TDM and 4Rx antenna ports	D009	Test execution not necessary if 5.2.3.2.6_1 is executed.	
5.2.3.2.15	4Rx TDD FR1 PDSCH mapping type A performance on band with shared spectrum access	Rel-16	C205	UEs supporting 5GS FDD FR1 and NR-U	D025	NOTE 1	
5.2.3.2.16_1	4Rx TDD FR1 for PDSCH with inter-cell interference performance – 2x4 MIMO for both NSA and SA	Rel-15, Rel-16	C019d	UEs supporting 5GS TDD FR1 and 4Rx antenna ports and MMSE-IRC receiver	D010		
		Rel-17	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
5.2.3.2.17_1	4Rx TDD FR1 for PDSCH with intra cell inter user interference performance – 2x4 MIMO for both NSA and SA	Rel-15, Rel-16	C019d	UEs supporting 5GS TDD FR1 and 4Rx antenna ports and MMSE-IRC receiver	D010		
		Rel-17	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
5.2.3.2.17_2	4Rx TDD FR1 for PDSCH with intra cell inter user interference performance – 4x4 MIMO for both NSA and SA	Rel-15, Rel-16	C019d	UEs supporting 5GS TDD FR1 and 4Rx antenna ports and MMSE-IRC receiver	D010		
		Rel-17	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
5.2.3.2.20	4Rx TDD FR1 PDSCH HST-SFN Scheme A performance - 2x4 MIMO for both SA and NSA	Rel-17	C251	UEs supporting 5GS TDD FR1 and SFN scheme A for PDCCH scheduling SFN Scheme A PDSCH, and 4Rx antenna ports	D010	NOTE 1	
5.2.3.2.21	4Rx TDD FR1 PDSCH HST-SFN Scheme B performance - 2x4 MIMO for both SA and NSA	Rel-17	C252	UEs supporting 5GS TDD FR1 and SFN scheme B for PDCCH scheduling SFN Scheme B PDSCH, and 4Rx antenna ports	D010	NOTE 1 Test execution is not necessary if TC 5.2.3.2.20 is executed.	

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2A.2.1.1	2Rx Normal PDSCH Demodulation Performance for CA (2DL CA) for both SA and NSA	Rel-15	C261	UEs supporting 5GS FR1 AND 2DL CA but not supporting 4Rx UE capability on any CCs	E016		
5.2A.2.1.2	2Rx Normal PDSCH Demodulation Performance for CA (3DL CA) for both SA and NSA	Rel-15	C262	UEs supporting 5GS FR1 AND 3DL CA but not supporting 4Rx UE capability on any CCs	E017		
5.2A.2.1.3	2Rx Normal PDSCH Demodulation Performance for CA (4DL CA) for both SA and NSA	Rel-15	C263	UEs supporting 5GS FR1 AND 4DL CA but not supporting 4Rx UE capability on any CCs	E018		
5.2A.2.2.1	2Rx PDSCH Demodulation Performance for CA with power imbalance (2DL CA)	Rel-15	C261	UEs supporting 5GS FR1 AND 2DL CA but not supporting 4Rx UE capability on any CCs	E003a		
5.2A.2.2.2	2Rx PDSCH Demodulation Performance for CA with power imbalance (3DL CA)	Rel-15	FFS	UEs supporting 5GS FR1 AND 3DL CA but not supporting 4Rx UE capability on any CCs	E033	NOTE 1	
5.2A.2.2.3	2Rx PDSCH Demodulation Performance for CA with power imbalance (4DL CA)	Rel-15	FFS	UEs supporting 5GS FR1 and 4D LCA but not supporting 4Rx UE capability on any 4CCs	E034	NOTE 1	
5.2A.2.3	2Rx TDD FR1 PDSCH mapping type A performance of Scell on band with shared spectrum access	Rel-16	C204	UEs supporting 5GS TDD FR1 and NR-U	D025	NOTE 1	
5.2A.2.4.1	2RX PDSCH Demodulation Performance for HST-SFN CA	Rel-16	C152b	UEs supporting 5GS FR1 AND enhanced demodulation processing for carrier aggregation for HST-SFN joint transmission but not supporting 4Rx UE capability on any CCs	E016		
5.2A.2.5.1	2RX PDSCH Demodulation Performance for HST-DPS CA	Rel-15	C152a	UEs supporting 5GS FR1 AND 2DL CA AND number of active TCI	E016		
5.2A.3.1.1	4Rx Normal PDSCH Demodulation Performance for CA (2DL CA)	Rel-15	C017g	UEs supporting 5GS FR1 AND 2DL CA AND supporting 4Rx antenna ports on all CCs	E016		
5.2A.3.1.2	4Rx Normal PDSCH Demodulation Performance for CA (3DL CA)	Rel-15	C017h	UEs supporting 5GS FR1 AND 3DL CA AND supporting 4Rx antenna ports on all CCs	E017		
5.2A.3.1.3	4Rx Normal PDSCH Demodulation Performance for CA (4DL CA)	Rel-15	C017i	UEs supporting 5GS FR1 AND 4DL CA AND supporting 4Rx antenna ports on all CCs	E018		
5.2A.3.2.1	4Rx PDSCH Demodulation Performance for CA with power imbalance (2DL CA)	Rel-15	C017g	UEs supporting 5GS FR1 AND 2DL CA AND supporting 4Rx antenna ports on all CCs	E003a		

Clause	TC Title	Release	Applicability		Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
5.2A.3.3	4Rx TDD FR1 PDSCH mapping type A performance of Scell on band with shared spectrum access	Rel-16	C205	UEs supporting 5GS TDD FR1 and NR-U	D025	NOTE 1	
5.2A.3.4.1	4RX PDSCH Demodulation Performance for HST-SFN CA	Rel-16	C127a	UEs supporting 5GS FR1 AND enhanced demodulation processing for carrier aggregation for HST-SFN joint transmission AND supporting 4Rx TDD and FDD UE capability on any CCs	E016		
5.2A.3.5.1	4RX PDSCH Demodulation Performance for HST-DPS CA	Rel-15	C154a	UEs supporting 5GS FR1 AND 2DL CA AND number of active TCI AND supporting 4Rx TDD and FDD UE capability on any CCs	E016		
5.2A.3A.1.1	2Rx-4Rx Normal PDSCH Demodulation Performance for CA (2DL CA)	Rel-15	C017g	UEs supporting 5GS FR1 and 2DL CA AND supporting 4Rx UE capability on some of the CCs	E016		
5.2A.3A.1.2	2Rx-4Rx Normal PDSCH Demodulation Performance for CA (3DL CA)	Rel-15	C017h	UEs supporting 5GS FR1 and 3DL CA AND supporting 4Rx UE capability on some of the CCs	E017		
5.2A.3A.1.3	2Rx-4Rx Normal PDSCH Demodulation Performance for CA (4DL CA)	Rel-15	C017i	UEs supporting 5GS FR1 and 4DL CA AND supporting 4Rx UE capability on some of the CCs	E018		
5.3.1.1.1	1Rx FDD FR1 PDCCH performance for RedCap	Rel-17	C177a	RedCap UEs supporting 5GS FDD FR1 and 1Rx UE capability	D008		
5.3.2.1.1	2Rx FDD FR1 PDCCH 1 Tx antenna performance for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
5.3.2.1.2	2Rx FDD FR1 PDCCH 2 Tx antenna performance for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
5.3.2.1.3	2Rx FDD FR1 PDCCH 1 Tx antenna performance for power saving	Rel-16	C088	UEs supporting 5GS FDD FR1 and Long DRX Cycle and DRX adaptation but not supporting FDD bands with 4Rx UE capability	D008		
5.3.2.1.4	2Rx FDD FR1 PDCCH performance for RedCap	Rel-17	C177b	RedCap UEs supporting 5GS FDD FR1and 2Rx UE capability	D008		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment	_		
5.3.2.1.5	2RX FDD Minimum requirements for PDCCH with intra-slot repetition	Rel-17	C015e	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
5.3.2.2.1	2Rx TDD FR1 PDCCH 1 Tx antenna performance for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		
5.3.2.2.2	2Rx TDD FR1 PDCCH 2 Tx antenna performance for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		
5.3.2.2.3	2Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving	Rel-16	C089	UEs supporting 5GS TDD FR1 and Long DRX Cycle and DRX adaptation but not supporting TDD bands with 4Rx UE capability	D010		
5.3.2.2.4	2Rx TDD FR1 PDCCH performance for RedCap	Rel-17	C177d	RedCap UEs supporting 5GS TDD FR1 and 2Rx UE capability	D009		
5.3.2.2.5	2RX TDD Minimum requirements for PDCCH with intra-slot repetition	Rel-17	C016e	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D0094		
5.3.3.1.1	4Rx FDD FR1 PDCCH 1 Tx antenna performance for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
5.3.3.1.2	4Rx FDD FR1 PDCCH 2 Tx antenna performance for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
5.3.3.1.3	4Rx FDD FR1 PDCCH 1 Tx antenna performance for power saving	Rel-16	C090	UEs supporting 5GS FDD FR1 and 4Rx antenna ports and Long DRX Cycle and DRX adaptation	D008		
5.3.3.1.4	4RX FDD Minimum requirements for PDCCH with intra-slot repetition	Rel-17	C017e	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
5.3.3.2.1	4Rx TDD FR1 PDCCH 1 Tx antenna performance for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
5.3.3.2.2	4Rx TDD FR1 PDCCH 2 Tx antenna performance for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
5.3.3.2.3	4Rx TDD FR1 PDCCH 1 Tx antenna performance for power saving	Rel-16	C091	UEs supporting 5GS TDD FR1 and 4Rx antenna ports and Long DRX Cycle and DRX adaptation	D010		
5.3.3.2.4	4RX TDD Minimum requirements for PDCCH with intra-slot repetition	Rel-17	C019e	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
5.5.1	FR1 Sustained downlink data rate performance for single carrier	Rel-15	C001	UEs supporting 5GS FDD FR1 or TDD FR1 (SA)	D008 D009 D010		

Clause	TC Title	Release	Applicability		Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment	1		
5.5A.1.1	FR1 SDR performance for CA (2DL CA)	Rel-15	C001e	UEs supporting 5GS FDD FR1 or TDD FR1 (SA) and supporting 2DL CA	E016		
5.5A.1.2	FR1 SDR performance for CA (3DL CA)	Rel-15	C001i	UEs supporting 5GS FDD FR1 or TDD FR1 (SA) and supporting 3DL CA	E017		
5.5A.1.3	FR1 SDR performance for CA (4DL CA)	Rel-15	C001j	UEs supporting 5GS FDD FR1 or TDD FR1 (SA) and supporting 4DL CA	E018		
5.5A.1.4	FR1 SDR performance for CA (5DL CA)	Rel-15	C001k	UEs supporting 5GS FDD FR1 or TDD FR1 (SA) and supporting 5DL CA	E019		
6	CSI reporting requirements (Conducted requirements)						
6.2.1.1.1.1	1Rx FDD FR1 periodic CQI reporting under AWGN conditions for RedCap	Rel-17	C177a	RedCap UEs supporting 5GS FDD FR1 and 1Rx UE capability	D008		
6.2.1.1.2.1	1Rx FDD FR1 periodic wideband CQI reporting under fading conditions for RedCap	Rel-17	C177a	RedCap UEs supporting 5GS FDD FR1 and 1Rx UE capability	D008		
6.2.1.2.1.1	1Rx TDD FR1 periodic CQI reporting under AWGN conditions for RedCap	Rel-17	C177c	RedCap UEs supporting 5GS TDD FR1 and 1Rx UE capability	D009		
6.2.1.2.2.1	1Rx TDD FR1 periodic wideband CQI reporting under fading conditions for RedCap	Rel-17	C177c	RedCap UEs supporting 5GS TDD FR1 and 1Rx UE capability	D009		
6.2.2.1.1.1	2Rx FDD FR1 periodic CQI reporting under AWGN conditions for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
6.2.2.1.1.2	2Rx FDD FR1 periodic CQI reporting with Table 3 under AWGN conditions for both SA and NSA	Rel-16	C074	UEs supporting 5GS FDD FR1 and alternative 64QAM MCS table for PDSCH and CQI table with target BLER of 10^-5, but not supporting FDD bands with 4Rx UE capability	D008		
6.2.2.1.1.4	2Rx FDD FR1 periodic CQI reporting under AWGN conditions for RedCap for SA	Rel-17	C177b	RedCap UEs supporting 5GS FDD FR1 and 2Rx UE capability	D008		
6.2.2.1.2.1	2Rx FDD FR1 periodic wideband CQI reporting under fading conditions for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Information	Subtest Selection Criteria
			Condition	Comment			
6.2.2.1.2.2	2Rx FDD FR1 aperiodic subband CQI reporting under fading conditions for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
6.2.2.1.2.3	2Rx FDD FR1 Wideband CQI reporting with inter-cell intereference	Rel-15	C015d	UEs supporting 5GS FDD FR1 and MMSE-IRC receiver but not supporting FDD bands with 4Rx UE capability	D008	NOTE 1.	
6.2.2.1.2.4	2Rx FDD FR1 periodic wideband CQI reporting under fading conditions for RedCap	Rel-17	C177b	RedCap UEs supporting 5GS FDD FR1 and 2Rx UE capability	D008		
6.2.2.2.1.1	2Rx TDD FR1 periodic CQI reporting under AWGN conditions for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		
6.2.2.2.1.2	2Rx TDD FR1 periodic CQI reporting with Table 3 under AWGN conditions for both SA and NSA	Rel-16	C075	UEs supporting 5GS TDD FR1 and alternative 64QAM MCS table for PDSCH and CQI table with target BLER of 10^-5, but not supporting TDD bands with 4Rx UE capability	D010		
6.2.2.2.1.5	2Rx TDD FR1 periodic CQI reporting under AWGN conditions for RedCap	Rel-17	C177d	RedCap UEs supporting 5GS TDD FR1 and 2Rx UE capability	D009		
6.2.2.2.2.1	2Rx TDD FR1 periodic wideband CQI reporting under fading conditions for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		
6.2.2.2.2.2	2Rx TDD FR1 aperiodic subband CQI reporting under fading conditions for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		
6.2.2.2.2.3	2Rx TDD FR1 Wideband CQI reporting with inter-cell intereference	Rel-15	C016d	UEs supporting 5GS TDD FR1 and MMSE-IRC receiver but not supporting TDD bands with 4Rx UE capability	D010	NOTE 1.	
6.2.3.1.1.1	4Rx FDD FR1 periodic CQI reporting under AWGN conditions for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
6.2.2.2.2.4	2Rx TDD FR1 periodic wideband CQI reporting under fading conditions for RedCap	Rel-17	C177d	RedCap UEs supporting 5GS TDD FR1 and 2Rx UE capability	D009		
6.2.3.1.1.2	4Rx FDD FR1 periodic CQI reporting with Table 3 under AWGN conditions for both SA and NSA	Rel-16	C076	UEs supporting 5GS FDD FR1 and alternative 64QAM MCS table for PDSCH and CQI table with target BLER of 10^-5 and 4Rx antenna ports	D008		

Clause	TC Title	Release	Applicability		Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment	1		
6.2.3.1.2.1	4Rx FDD FR1 periodic wideband CQI reporting under fading conditions for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
6.2.3.1.2.2	4Rx FDD FR1 aperiodic subband CQI reporting under fading conditions for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008		
6.2.3.1.2.3	4Rx FDD FR1 Wideband CQI reporting with inter-cell intereference	Rel-15	C017d	UEs supporting 5GS FDD FR1 and 4Rx antenna ports and MMSE-IRC receiver	D008	NOTE 1.	
6.2.3.2.1.1	4Rx TDD FR1 periodic CQI reporting under AWGN conditions for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
6.2.3.2.1.2	4Rx TDD FR1 periodic CQI reporting with Table 3 under AWGN conditions for both SA and NSA	Rel-16	C077	UEs supporting 5GS TDD FR1 and alternative 64QAM MCS table for PDSCH and CQI table with target BLER of 10^-5 and 4Rx antenna ports	D010		
6.2.3.2.2.1	4Rx TDD FR1 periodic wideband CQI reporting under fading conditions for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
6.2.3.2.2.2	4Rx TDD FR1 aperiodic subband CQI reporting under fading conditions for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
6.2.3.2.2.3	4Rx TDD FR1 Wideband CQI reporting with inter-cell intereference	Rel-15	C019d	UEs supporting 5GS TDD FR1 and 4Rx antenna ports and MMSE-IRC receiver	D010	NOTE 1.	
6.2A.3.1.1	CQI reporting accuracy under AWGN conditions for CA (2DL CA)	Rel-15	C031	UEs supporting 5GS FR1 and CA (2DL CA)	E016	Test execution not necessary if 6.2A.3.1.2 is executed.	
6.2A.3.1.2	CQI reporting accuracy under AWGN conditions for CA (3DL CA)	Rel-15	C033	UEs supporting 5GS FR1 and CA (3DL CA)	E017	Test execution not necessary if 6.2A.3.1.3 is executed.	
6.2A.3.1.3	CQI reporting accuracy under AWGN conditions for CA (4DL CA)	Rel-15	C036	UEs supporting 5GS FR1 and CA (4DL CA)	E018		
6.2A.4.1.1	4Rx FR1 CQI reporting under AWGN for Scell on band with shared spectrum access for CA (2DLCA)	Rel-16	C204	UEs supporting 5GS TDD FR1 and NR-U	D025	NOTE 1	
6.3.1.1.1	1Rx FDD Single PMI with 4TX TypeI- SinglePanel Codebook for RedCap	Rel-17	C177a	RedCap UEs supporting 5GS FDD FR1 and 1Rx UE capability	D008		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
6.3.1.2.1	1Rx TDD Single PMI with 4TX TypeI- SinglePanel Codebook for RedCap	Rel-17	C177c	TDD FR1 and 1Rx UE	D009		
6.3.2.1.1	2Rx FDD FR1 Single PMI with 4TX Typel- SinglePanel codebook for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
6.3.2.1.2	2Rx FDD FR1 Single PMI with 8TX TypeI- SinglePanel codebook for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
6.3.2.1.3	2Rx FDD FR1 Multiple PMI with 16Tx Type I – SinglePanel Codebook for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
6.3.2.1.4	2Rx FDD FR1 Single PMI with 32Tx Type1 – SinglePanel Codebook for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
6.3.2.1.5	2Rx FDD FR1 Multiple PMI with 16Tx TypeII codebook for both SA and NSA	Rel-15	C015c		D008		
6.3.2.1.6	2Rx FDD FR1 Multiple PMI with 16Tx Enhanced TypeII codebook for both SA and NSA	Rel-16	C128		D008		
6.3.2.1.7	2Rx FDD FR1 Single PMI with 8 ports Typel- SinglePanel Codebook for Single-DCI based transmission scheme for both SA and NSA	Rel-17	C070		D008	Note1	
6.3.2.2.1	2Rx TDD FR1 Single PMI with 4TX Typel- SinglePanel codebook for both SA and NSA	Rel-15	C016	but not supporting TDD bands with 4Rx UE capability	D010		
6.3.2.2.2	2Rx TDD FR1 Single PMI with 8TX Typel- SinglePanel codebook for both SA and NSA	Rel-15	C016	but not supporting TDD bands with 4Rx UE capability	D010		
6.3.2.2.3	2Rx TDD FR1 Multiple PMI with 16Tx Type1 - SinglePanel codebook for both SA and NSA	Rel-15	C016	but not supporting TDD bands with 4Rx UE capability	D010		
6.3.2.2.4	2Rx TDD FR1 Single PMI with 32Tx Type1 - SinglePanel codebook for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
6.3.2.2.5	2Rx TDD FR1 Multiple PMI with 16Tx TypeII codebook for both SA and NSA	Rel-15	C016c	UEs supporting 5GS TDD FR1 and supporting Type II codebook but not supporting TDD bands with 4Rx UE capability	D010		
6.3.2.2.6	2Rx TDD FR1 Multiple PMI with 16Tx Enhanced TypeII codebook for both SA and NSA	Rel-16	C129	UEs supporting 5GS TDD FR1 and Enhanced Type II codebook with at least 16 ports per CSI-RS resource, but not supporting TDD bands with 4Rx UE capability	D010		
6.3.2.2.7	2Rx TDD Single PMI with 4TX Typel- SinglePanel Codebook for RedCap	Rel-17	C177b	RedCap UEs supporting 5GS TDD FR1 and 2Rx UE capability	D009		
6.3.2.2.8	2Rx TDD FR1 Single PMI with 8 ports Typel- SinglePanel Codebook for Single-DCI based transmission scheme for both SA and NSA	Rel-17	C071	UEs supporting 5GS TDD FR1 and single DCI based spatial division multiplexing scheme, but not supporting TDD bands with 4Rx UE capability	D010		
6.3.3.1.1	4Rx FDD FR1 Single PMI with 4TX TypeI- SinglePanel codebook for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008 D011		
6.3.3.1.2	4Rx FDD FR1 Single PMI with 8TX TypeI- SinglePanel codebook for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008 D011		
6.3.3.1.3	4Rx FDD FR1 Multiple PMI with 16Tx Type I – SinglePanel Codebook for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008 D011		
6.3.3.1.4	4Rx FDD FR1 Single PMI with 32Tx Type1 – SinglePanel Codebook for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008 D011		
6.3.3.1.5	4Rx FDD FR1 Multiple PMI with 16Tx TypeII codebook for both SA and NSA	Rel-15	C017c	UEs supporting 5GS FDD FR1 and supporting Type II codebook and 4Rx antenna ports	D008 D011		
6.3.3.1.6	4Rx FDD FR1 Multiple PMI with 16Tx Enhanced TypeII codebook for both SA and NSA		C130	UEs supporting 5GS FDD FR1 and Enhanced Type II codebook with at least 16 ports per CSI-RS resource, and 4Rx antenna ports	D008 D011		
6.3.3.1.7	4Rx FDD FR1 Single PMI with 8 ports Typel- SinglePanel Codebook for Single-DCI based transmission scheme for both SA and NSA	Rel-17	C072	UEs supporting 5GS FDD FR1 and single DCI based spatial division multiplexing scheme and 4Rx antenna ports	D008 D011		
6.3.3.2.1	4Rx TDD FR1 Single PMI with 4TX TypeI- SinglePanel codebook for both SA and NSA	Rel-15	C019	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D010 D011		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
6.3.3.2.2	4Rx TDD FR1 Single PMI with 8TX Typel- SinglePanel codebook for both SA and NSA	Rel-15	C019	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D010 D011		
6.3.3.2.3	4Rx TDD FR1 Multiple PMI with 16Tx Type1 - SinglePanel codebook for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
6.3.3.2.4	4Rx TDD FR1 Single PMI with 32Tx Type1 - SinglePanel codebook for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010		
6.3.3.2.5	4Rx TDD FR1 Multiple PMI with 16Tx TypeII codebook for both SA and NSA	Rel-15	C019c	UEs supporting 5GS TDD FR1 and supporting Type II codebook and 4Rx antenna ports	D010		
6.3.3.2.6	4Rx TDD FR1 Multiple PMI with 16Tx Enhanced TypeII codebook for both SA and NSA	Rel-16	C131	UEs supporting 5GS TDD FR1 and Enhanced Type II codebook with at least 16 ports per CSI-RS resource, and 4Rx antenna ports	D010		
6.3.3.2.7	4Rx TDD FR1 Single PMI with 8 ports Typel- SinglePanel Codebook for Single-DCI based transmission scheme for both SA and NSA	Rel-17	C073	UEs supporting 5GS FDD FR1 and single DCI based spatial division multiplexing scheme and 4Rx antenna ports	D010		
6.4.2.1_1	2Rx FDD FR1 RI reporting for both SA and NSA	Rel-15	C015	UEs supporting 5GS FDD FR1 but not supporting FDD bands with 4Rx UE capability	D008		
6.4.2.1.1	2Rx FDD FR1 RI reporting for RedCap	Rel-17	C177b	RedCap UEs supporting 5GS FDD FR1 and 2Rx UE capability	D008		
6.4.2.2_1	2Rx TDD FR1 RI reporting for both SA and NSA	Rel-15	C016	UEs supporting 5GS TDD FR1 but not supporting TDD bands with 4Rx UE capability	D010		
6.4.2.2.1	2Rx TDD FR1 RI reporting for RedCap	Rel-17	C177d	RedCap UEs supporting 5GS TDD FR1 and 2Rx UE capability	D009		
6.4.3.1_1	4Rx FDD FR1 RI reporting for both SA and NSA	Rel-15	C017	UEs supporting 5GS FDD FR1 and 4Rx antenna ports	D008 D011		
6.4.3.2_1	4Rx TDD FR1 RI reporting for both SA and NSA	Rel-15	C019	UEs supporting 5GS TDD FR1 and 4Rx antenna ports	D010 D011		
7	Demodulation performance requirements (Radiated requirements)						
7.2.2.2.1_1	2Rx TDD FR2 PDSCH mapping Type A performance - 2x2 MIMO with baseline receiver for SA and NSA	Rel-15	C061	UEs supporting 5GS TDD FR2	D013 D014 D015		
7.2.2.2.1_2	2Rx TDD FR2 PDSCH mapping Type A performance - 2x2 MIMO with enhanced type 1 receiver for SA and NSA	Rel-15	C062c	UEs supporting 5GS TDD FR2 and Enhanced Receiver Type 1	D014		

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
7.2.2.2.1_3	2Rx TDD FR2 PDSCH mapping Type A performance - 2x2 MIMO with 256QAM for SA and NSA (Rel-16 and forward)	Rel-16	C126	UEs supporting 5GS TDD FR2 and PDSCH 256QAM for FR2	D013		
7.2.2.2.2_1	2Rx TDD FR2 PDSCH repetitions over multiple slots - 2x2 MIMO with baseline receiver for SA and NSA	Rel-16	C171	UEs supporting 5GS TDD FR2 and alternative 64QAM MCS table for PDSCH and aggregationFactorDL > 1 for PDSCH repetition multislots	D014		
7.2.2.2.3_1	2Rx TDD FR2 PDSCH mapping Type B performance - 2x2 MIMO with baseline receiver for SA and NSA	Rel-16	C172	UEs supporting 5GS TDD FR2 and aggregationFactorDL > 1 for PDSCH repetition multislots	D014		
7.2A.2.1	2Rx TDD FR2 CA requirements for normal PDSCH Demodulation Performance for both SA and NSA (2DLCA)	Rel-15	C061a	UEs supporting 5GS TDD FR2 AND 2DL CA	E032		
7.2A.2.2	2Rx TDD FR2 CA requirements for normal PDSCH Demodulation Performance for both SA and NSA (3DLCA)	Rel-15	C061b	UEs supporting 5GS TDD FR2 AND 3DL CA	E033		
7.3.2.2.1	2Rx TDD FR2 PDCCH 1 Tx antenna performance for both SA and NSA	Rel-15	C061	UEs supporting 5GS TDD FR2	D014		
7.3.2.2.2	2Rx TDD FR2 PDCCH 2 Tx antenna performance for both SA and NSA	Rel-15	C061	UEs supporting 5GS TDD FR2	D014		
7.3.2.2.3	2Rx TDD FR2 PDCCH 1 Tx antenna performance for power saving	Rel-16	C092	UEs supporting 5GS TDD FR2 and Long DRX Cycle and DRX adaptation	D014		
7.5.1	FR2 Sustained downlink data rate performance for single carrier	Rel-15	C061	UEs supporting 5GS TDD FR2	D014		
7.5.2	FR2 Sustained downlink data rate performance for RedCap	Rel-17	C197	RedCap UEs supporting 5GS TDD FR2 and 2Rx UE capability	D014		
7.5.1.1	FR2 SDR performance for CA (2DL CA)	Rel-15	C061a	UEs supporting 5GS TDD FR2 and CA (2DL CA)	E032		
7.5.1.2	FR2 SDR performance for CA (3DL CA)	Rel-15	C061b	UEs supporting 5GS TDD FR2 and CA (3DL CA)	E033	NOTE 1	
7.5.1.3	FR2 SDR performance for CA (4DL CA)	Rel-15	TBD	UEs supporting 5GS TDD FR2 and CA (4DL CA)	E034	NOTE 1	
7.5.1.4	FR2 SDR performance for CA (5DL CA)	Rel-15	TBD	UEs supporting 5GS TDD FR2 and CA (5DL CA)	E035	NOTE 1	
7.5.1.5	FR2 SDR performance for CA (6DL CA)	Rel-15	TBD	UEs supporting 5GS TDD FR2 and CA (6DL CA)	E036	NOTE 1	
7.5.1.6	FR2 SDR performance for CA (7DL CA)	Rel-15	TBD	UEs supporting 5GS TDD FR2 and CA (7DL CA)	E037	NOTE 1	

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information	Subtest Selection Criteria
			Condition	Comment			
7.5.1.7	FR2 SDR performance for CA (8DL CA)	Rel-15	TBD	UEs supporting 5GS TDD FR2 and CA (8DL CA)	E038		
8	CSI reporting requirements (Radiated requirements)						
8.2.2.2.1.1	2Rx TDD FR2 periodic wideband CQI reporting under AWGN performance for both SA and NSA	Rel-15	C061	UEs supporting 5GS TDD FR2	D014		
8.2.2.2.1	2Rx TDD FR2 aperiodic wideband CQI reporting under fading performance for both SA and NSA	Rel-15	C061F	UEs supporting 5GS TDD FR2	D014	Skip TC 8.2.2.2.2.1 if TS 38.521-4 TC 8.2.2.2.2.1_1 has been executed and passed.	
8.2.2.2.2.1_1	2Rx TDD FR2 aperiodic CQI wideband reporting under fading performance for both SA and NSA – 256QAM (Rel-16 and forward)	Rel-16	C126	UEs supporting 5GS TDD FR2 and DL 256QAM	D013	NOTE 1	
8.2A.3.1.1	2Rx CQI reporting accuracy under AWGN conditions for CA (2DL CA)	Rel-15	C006c	UEs supporting 5GS FR2 and CA (2DL CA)	E032	Test execution not necessary if 8.2A.3.1.2 is executed.	
8.2A.3.1.2	2Rx CQI reporting accuracy under AWGN conditions for CA (3DL CA)	Rel-15	C006d	UEs supporting 5GS FR2 and CA (3DL CA)	E033	Test execution not necessary if 8.2A.3.1.3 is executed.	
8.2A.3.1.3	2Rx CQI reporting accuracy under AWGN conditions for CA (4DL CA)	Rel-15	C006e	UEs supporting 5GS FR2 and CA (4DL CA)	E034		
8.3.2.2.1	2Rx TDD FR2 Single PMI with 2TX Typel- SinglePanel codebook for both SA and NSA	Rel-15	C061	UEs supporting 5GS TDD FR2	D014		
8.4.2.2.1	2Rx TDD FR2 RI reporting for both SA and NSA	FFS	FFS	FFS	FFS	NOTE 1	
9	Demodulation performance requirements for interworking						
9.4B.1.1	Sustained downlink data rate performance for EN-DC within FR1	Rel-15	C020	UEs supporting 5GS FDD FR1 or TDD FR1 (NSA)	D008 D009 D010		
9.4B.1.2	Sustained downlink data rate performance for EN-DC including FR2 NR carrier	FFS	FFS	FFS	FFS	NOTE 1	
10	CSI reporting requirements for interworking						
11	V2X requirements						
11.1.2.1.1_1	2Rx FR1 PSSCH performance - single active PSSCH link	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		

Clause	TC Title	Release		Applicability		Additional Information	Subtest Selection Criteria
			Condition	Comment			
11.1.3.1.1_1	2Rx FR1 PSCCH performance - single active PSSCH link	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
11.1.5.1.1_1	2Rx FR1 PSCCH performance - single active PSSCH link	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
11.1.6.1.1_1	2Rx FR1 Power imbalance performance - two active PSSCH link	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
11.1.7.1.1_1	2Rx FR1 HARQ buffer soft combining performance - maximum number of HARQ processes	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
11.1.8.1.1_1	2Rx FR1 PSCCH decoding capability - maximum number of received PSCCHs	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
11.1.9.1.1_1	2Rx FR1 PSFCH decoding capability - maximum number of received PSFCHs	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	D016		
wh		ne Band /	ČA/DC Conf	iguration for at least one feature i			

Table 4.1.4-1a: Void

Table 4.1.4-1b: Void

Table 4.1.4-1c: Void

4.2 RRM conformance test cases

Table 4.2-1: Applicability of RRM EN-DC FR1 conformance test cases, ref. TS 38.533 [5]

Clause	TC Title	Release	Ar	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	_		Onterna
4.3	RRC_CONNECTED state mobility						
4.3.2	RRC connection mobility control						
4.3.2.2	Random access						
4.3.2.2.1	EN-DC FR1 contention based random access	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.3.2.2.1 has been executed.	2Rx 4Rx	
4.3.2.2.2	EN-DC FR1 non-contention based random access	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.3.2.2.2 has been executed.	2Rx 4Rx	Subtest 2: F001
4.3.2.2.3	EN-DC FR1 2-step contention based random access	Rel-16	C157	UEs supporting EN-DC FR1 and 2-step RACH	Test execution not necessary if test 6.3.2.2.3 has been executed.	2Rx 4Rx	
4.3.2.2.4	EN-DC FR1 2-step non- contention based random access	Rel-16	C158	UEs supporting EN-DC FR1 and 2-step RACH	Test execution not necessary if test 6.3.2.2.4 has been executed.	2Rx 4Rx	
4.4	Timing						
4.4.1	UE Transmit Timing						
4.4.1.1	EN-DC FR1 UE transmit timing accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.4.1.1 has been executed.	2Rx 4Rx	Subtest 2: F002
4.4.2	UE timer accuracy				_		
4.4.3	Timing Advance	D	0001				
4.4.3.1	EN-DC FR1 timing advance adjustment accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.4.3.1 has been executed.	2Rx 4Rx	
4.5	Signalling characteristics						
<b>4.5.1</b> 4.5.1.1	Radio link monitoring EN-DC FR1 radio link monitoring out-of-sync test for PSCell configured with SSB- based RLM RS in non-DRX mode	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.5.1.1 has been executed.	2Rx 4Rx	

Clause	TC Title	Release	Applicability		Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	1		
4.5.1.2	EN-DC FR1 radio link monitoring in-sync test for PSCell configured with SSB- based RLM RS in non-DRX mode	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.5.1.2 has been executed.	2Rx 4Rx	
4.5.1.3	EN-DC FR1 radio link monitoring out-of-sync test for PSCell configured with SSB- based RLM RS in DRX mode	Rel-15	C021a	UEs supporting EN-DC FR1 and long DRX cycle	Test execution not necessary if test 6.5.1.3 has been executed.	2Rx 4Rx	
4.5.1.4	EN-DC FR1 radio link monitoring in-sync test for PSCell configured with SSB- based RLM RS in DRX mode	Rel-15	C021a	UEs supporting EN-DC FR1 and long DRX cycle	Test execution not necessary if test 6.5.1.4 has been executed.	2Rx 4Rx	
4.5.1.5	EN-DC FR1 radio link monitoring out-of-sync test for PSCell configured with CSI- RS-based RLM RS in non- DRX mode	Rel-15	C038	UEs supporting EN-DC FR1 and CSI-RS-based RLM	Test execution not necessary if test 6.5.1.5 has been executed.	2Rx 4Rx	
4.5.1.6	EN-DC FR1 radio link monitoring in-sync test for PSCell configured with CSI- RS-based RLM RS in non- DRX mode	Rel-15	C038	UEs supporting EN-DC FR1 and CSI-RS-based RLM	Test execution not necessary if test 6.5.1.6 has been executed.	2Rx 4Rx	
4.5.1.7	EN-DC FR1 radio link monitoring out-of-sync test for PSCell configured with CSI- RS-based RLM RS in DRX mode	Rel-15	C038a	UEs supporting EN-DC FR1, CSI- RS-based RLM and long DRX cycle	Test execution not necessary if test 6.5.1.7 has been executed.	2Rx 4Rx	
4.5.1.8	EN-DC FR1 radio link monitoring in-sync test for PSCell configured with CSI- RS-based RLM RS in DRX mode	Rel-15	C038a	UEs supporting EN-DC FR1, CSI- RS-based RLM and long DRX cycle	Test execution not necessary if test 6.5.1.8 has been executed.	2Rx 4Rx	
4.5.1.9	EN-DC FR1 Radio Link Monitoring Out-of-sync Test for PSCell configured with SSB-based RLM RS for UE fulfilling relaxed measurement criterion	Rel-17	C021e	UEs supporting EN-DC FR1, long DRX cycle and RLM relaxed measurements		2Rx 4Rx	
4.5.2	Interruption						
4.5.2.1	EN-DC FR1 interruptions at transitions between active and non-active during DRX in synchronous EN-DC	Rel-15	C021a	UEs supporting EN-DC FR1 and long DRX cycle		2Rx 4Rx	
4.5.2.2	EN-DC FR1 interruptions at transitions between active and non-active during DRX in asynchronous EN-DC	Rel-15	C021a	UEs supporting EN-DC FR1 and long DRX cycle		2Rx 4Rx	

Clause	TC Title	Release	A	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	1		Unteria
4.5.2.3	EN-DC FR1 interruptions during measurements on deactivated NR SCC in synchronous EN-DC	Rel-15	C067	UEs supporting EN-DC FR1 and 2DL CA in NR		2Rx 4Rx	
4.5.2.4	EN-DC FR1 interruptions during measurements on deactivated NR SCC in asynchronous EN-DC	Rel-15	C067	UEs supporting EN-DC FR1 and 2DL CA in NR		2Rx 4Rx	
4.5.2.5	EN-DC FR1 interruptions during measurements on deactivated E-UTRAN SCC in synchronous EN-DC	Rel-15	C068	UEs supporting EN-DC FR1 and 2DL CA in E- UTRA		2Rx 4Rx	
4.5.2.6	EN-DC FR1 interruptions during measurements on deactivated E-UTRAN SCC in asynchronous EN-DC	Rel-15	C068	UEs supporting EN-DC FR1 and 2DL CA in E- UTRA		2Rx 4Rx	
4.5.2.10	EN-DC FR1 interruptions due to RRM and RLM/BFD measurements on deactivated NR PSCell	Rel-17	C288	UEs supporting EN-DC FR1 and activation and deactivation on SCG		2Rx 4Rx	
4.5.3	Scell activation and deactivation delay						
4.5.3.1	EN-DC FR1 SCell activation and deactivation of known SCell in non-DRX for 160ms Scell measurement cycle	Rel-15	C067	UEs supporting EN-DC FR1 and 2DL CA in NR		2Rx 4Rx	
4.5.3.2	EN-DC FR1 SCell activation and deactivation of known SCell in non-DRX for 640ms Scell measurement cycle	Rel-15	C067	UEs supporting EN-DC FR1 and 2DL CA in NR		2Rx 4Rx	
4.5.3.3	EN-DC FR1 SCell activation and deactivation of unknown SCell in non-DRX	Rel-15	C067	UEs supporting EN-DC FR1 and 2DL CA in NR		2Rx 4Rx	
4.5.3.5	EN-DC FR1 direct SCell activation at SCell addition of known SCell	Rel-16	C243	UEs supporting EN-DC FR1 and 2DL CA in NR and direct SCell activation		2Rx 4Rx	
4.5.3.6	EN-DC FR1 fast SCell Activation of known SCell in non-DRX for 160ms SCell measurement cycle	Rel-17	C267	UEs supporting EN-DC FR1 and 2DL CA in NR and fast SCell activation		2Rx 4Rx	
4.5.3.7	EN-DC FR1 fast SCell Activation of known SCell for 640 ms SCell measurement cycle	Rel-17	C267	UEs supporting EN-DC FR1 and 2DL CA in NR and fast SCell activation		2Rx 4Rx	
4.5.4	UE UL carrier RRC reconfiguration delay						
4.5.4.1	EN-DC FR1 UE UL carrier RRC reconfiguration delay	Rel-15	C032	UEs supporting EN-DC FR1 and SUL	Test execution not necessary if test 6.5.4.1 has been executed.	2Rx 4Rx	
4.5.5	Beam failure detection and link recovery procedures						

Clause	TC Title	Release	Ar	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	1		
4.5.5.1	EN-DC FR1 SSB-based beam failure detection and link recovery in non-DRX	Rel-15	C082	UEs supporting EN-DC FR1 and link recovery	Test execution not necessary if test 6.5.5.1 has been executed.	2Rx 4Rx	
4.5.5.2	EN-DC FR1 SSB-based beam failure detection and link recovery in DRX	Rel-15	C082a	UEs supporting EN-DC FR1 and long DRX cycle and link recovery	Test execution not necessary if test 6.5.5.2 has been executed.	2Rx 4Rx	
4.5.5.3	EN-DC FR1 CSI-RS-based beam failure detection and link recovery in non-DRX	Rel-15	C083	UEs supporting EN-DC FR1 and CSI-RS-based RLM and link recovery	Test execution not necessary if test 6.5.5.3 has been executed.	2Rx 4Rx	
4.5.5.4	EN-DC FR1 CSI-RS-based beam failure detection and link recovery in DRX	Rel-15	C083a	UEs supporting EN-DC FR1 and long DRX cycle and CSI-RS-based RLM and link recovery	Test execution not necessary if test 6.5.5.4 has been executed.	2Rx 4Rx	
4.5.5.5	EN-DC FR1 Scell CSI-RS- based beam failure detection and SSB-based link recovery in non-DRX	Rel-16	C175	UEs supporting EN-DC FR1 and CSI-RS-based RLM and SSB link recovery	Test execution not necessary if test 6.5.5.5 has been executed.	2Rx 4Rx	
4.5.5.6	EN-DC FR1 Scell CSI-RS- based beam failure detection and SSB-based link recovery in DRX	Rel-16	C176	UEs supporting EN-DC FR1 and long DRX cycle and CSI-RS-based RLM and SSB link recovery	Test execution not necessary if test 6.5.5.6 has been executed.	2Rx 4Rx	
4.5.5.7	EN-DC FR1 PSCell TRP specific SSB-based beam failure detection and link recovery in non-DRX	Rel-17	C082b	UEs supporting TRP specific EN- DC FR1 and link recovery		2Rx 4Rx	
4.5.5.8	EN-DC FR1 SCell TRP specific CSI-RS-based beam failure detection and SSB- based link recovery in non- DRX	Rel-17	C175a	UEs supporting TRP specific EN- DC FR1 and CSI- RS-based RLM and SSB link recovery		2Rx 4Rx	
4.5.6 4.5.6.1	Active BWP switch delay DCI-based and timer-based active BWP switch						
4.5.6.1.1	EN-DC FR1 DCI-based DL active BWP switch in non- DRX in synchronous EN-DC	Rel-15	C065	UEs supporting EN-DC FR1 and (DCI and timer based active BWP switching delay Type1 or Type2) and (Support of BWP adaptation upto2 or upto4)		2Rx 4Rx	

Clause	TC Title	Release	Ar	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	-		Gillena
4.5.6.1.2	EN-DC FR1 DCI-based DL active BWP switch with SCell in non-DRX in synchronous EN-DC	Rel-15	C065a	UEs supporting EN-DC FR1 and (DCI and timer based active BWP switching delay Type1 or Type2) and (Support of BWP adaptation upto2 or upto4) and 2DL CA		2Rx 4Rx	
4.5.6.2	RRC-based active BWP switch						
4.5.6.2.1	EN-DC FR1 RRC-based DL active BWP switch in non- DRX in synchronous EN-DC	Rel-15	C065b	UEs supporting EN-DC FR1 and (Support of BWP adaptation upto2 or upto4)		2Rx 4Rx	
4.5.6.3	Simultaneous DCI-based and Timer-based Active BWP Switch on multiple CCs						
4.5.6.3.1	Simultaneous E-UTRAN – NR PSCell FR1 DL active BWP switch in non-DRX in EN-DC on multiple CCs	Rel-16	C065d	UEs supporting EN-DC FR1, incremental delay for DCI and timer based active BWP switching on multiple CCs simultaneously and 2DL CA	NOTE 1	2Rx 4Rx	
4.5.6.4							
4.5.6.5	Simultaneous RRC-based Active BWP Switch on multiple CCs						
4.5.6.5.1	E-UTRAN – NR PSCell FR1 DL active BWP switch in non- DRX in synchronous EN-DC on multiple CCs	Rel-16	C065d	UEs supporting EN-DC FR1, incremental delay for DCI and timer based active BWP switching on multiple CCs simultaneously and 2DL CA	NOTE 1	2Rx 4Rx	
4.5.7	PSCell addition and release delay						
4.5.7.1	EN-DC FR1 addition and release delay of known PSCell	Rel-15	C021	UEs supporting EN-DC FR1		2Rx 4Rx	
4.5.8	UL switching						
4.5.8.1	EN-DC FR1 interruptions at switching between two uplink carriers	Rel-16	C126a	UEs supporting EN-DC and dynamic UL Tx switching in case of inter-band EN- DC		2Rx 4Rx	
4.5.10	PSCell activation and deactivation delay						
4.5.10.1	EN-DC FR1 PSCell activation and deactivation delay	Rel-17	C288	UEs supporting EN-DC FR1 and activation and deactivation on SCG		2Rx 4Rx	

Clause	TC Title	Release	Aŗ	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	-		
4.5.11	Conditional PSCell addition and release delay (FR1 EN- DC)						
4.5.11.1	EN-DC FR1 Addition and Release Delay of PSCell	Rel-17	C268	UEs supporting EN-DC FR1 and conditional PSCell addition in EN-DC		2Rx 4Rx	
4.6	Measurement procedures						
4.6.1	Intra-frequency measurements						
4.6.1.1	EN-DC FR1 event-triggered reporting without gap in non- DRX	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.6.1.1 has been executed.	2Rx 4Rx	
4.6.1.2	EN-DC FR1 event-triggered reporting without gap in DRX	Rel-15	C021a	UEs supporting EN-DC FR1 and long DRX cycle	Test execution not necessary if test 6.6.1.2 has been executed.	2Rx 4Rx	
4.6.1.3	EN-DC FR1 event-triggered reporting with gap in non- DRX	Rel-15	C042	UEs supporting EN-DC FR1 and CSI-RS-based RLM and BWP operation without bandwidth restriction	Test execution not necessary if test 6.6.1.3 has been executed.	2Rx 4Rx	
4.6.1.4	EN-DC FR1 event-triggered reporting with gap in DRX	Rel-15	C042a	UEs supporting EN-DC FR1, CSI- RS-based RLM, BWP operation without bandwidth restriction and long DRX cycle	Test execution not necessary if test 6.6.1.4 has been executed.	2Rx 4Rx	
4.6.1.5	EN-DC FR1 event-triggered reporting without gap in non- DRX with SSB time index detection	Rel-15	C021b	UEs supporting EN-DC FDD FR1	Test execution not necessary if test 6.6.1.5 has been executed.	2Rx 4Rx	
4.6.1.6	EN-DC FR1 event-triggered reporting with gap in non- DRX with SSB time index detection	Rel-15	C042b	UEs supporting EN-DC FDD FR1 and CSI-RS based RLM and BWP operation without bandwidth restriction	Test execution not necessary if test 6.6.1.6 has been executed.	2Rx 4Rx	
4.6.1.7	EN-DC FR1 event-triggered reporting without gap in DRX for UE configured with highSpeedMeasFlag-r16	Rel-16	C097	UEs supporting EN-DC FR1 and long DRX cycle and measurement enhancements in HST	Test execution not necessary if test 6.6.1.7 has been executed.	2Rx 4Rx	

Clause	TC Title	Release	Ar	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	1		
4.6.1.8	EN-DC FR1 event triggered reporting cell without SSB time index detection in DRX for UE configured with highSpeedMeasCA-Scell-r17	Rel-17	C021c	UEs supporting EN-DC FR1 and CA measurement enhancements in HST	Test execution not necessary if test 6.6.1.8 has been executed.	2Rx 4Rx	
4.6.2	Inter-frequency measurements						
4.6.2.1	EN-DC FR1-FR1 event- triggered reporting in non- DRX	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.6.2.1 has been executed.	2Rx 4Rx	
4.6.2.2	EN-DC FR1-FR1 event- triggered reporting in DRX	Rel-15	C021a	UEs supporting EN-DC FR1 and long DRX cycle	Test execution not necessary if test 6.6.2.2 has been executed.	2Rx 4Rx	
4.6.2.5	EN-DC FR1-FR1 event- triggered reporting in non- DRX with SSB time index detection	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.6.2.5 has been executed.	2Rx 4Rx	
4.6.2.6	EN-DC FR1-FR1 event- triggered reporting in DRX with SSB time index detection	Rel-15	C021a	UEs supporting EN-DC FR1 and long DRX cycle	Test execution not necessary if test 6.6.2.6 has been executed.	2Rx 4Rx	
4.6.2.9	EN-DC FR1-FR1 event triggered reporting without SSB time index detection in DRX for UE configured with highSpeedMeasInterFreq-r17	Rel-17	C021d	UEs supporting EN-DC FR1 and inter-frequency measurement enhancements in HST	Test execution not necessary if test 6.6.2.12 has been executed.	2Rx 4Rx	Subtest 2: F016
4.6.4	L1-RSRP for beam reporting						
4.6.4.1	EN-DC FR1 SSB-based L1- RSRP measurement in non- DRX	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.6.4.1 has been executed.	2Rx 4Rx	
4.6.4.2	EN-DC FR1 SSB-based L1- RSRP measurement in DRX	Rel-15	C021a	UEs supporting EN-DC FR1 and long DRX cycle	Test execution not necessary if test 6.6.4.2 has been executed.	2Rx 4Rx	

Clause	TC Title	Release	A	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	-		
4.6.4.3	EN-DC FR1 CSI-RS-based L1-RSRP measurement in non-DRX	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.6.4.3 has been executed.	2Rx 4Rx	
4.6.4.4	EN-DC FR1 CSI-RS-based L1-RSRP measurement in DRX	Rel-15	C021a	UEs supporting EN-DC FR1 and long DRX cycle	Test execution not necessary if test 6.6.4.4 has been executed.	2Rx 4Rx	
4.6.4.5	EN-DC FR1 SSB-based L1- RSRP measurement in DRX for UE configured with highSpeedMeasFlag-r16	Rel-16	C098	UEs supporting EN-DC FR1, long DRX cycle and intra-NR measurement enhancement in HST	Test execution not necessary if test 6.6.4.5 has been executed.	2Rx 4Rx	
4.6.7	L1-SINR for beam reporting		-				
4.6.7.1	EN-DC FR1 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in non-DRX	Rel-16	C141	UEs supporting EN-DC FR1 and L1-SINR measurement based on CSI-RS as CMR without dedicated IMR configured		2Rx 4Rx	
4.6.7.2	EN-DC FR1 SSB based CMR and dedicated IMR L1-SINR measurement in DRX	Rel-16	C142	UEs supporting EN-DC FR1 and long DRX cycle and L1-SINR measurement based on SSB as CMR and dedicated CSI-IM as IMR		2Rx 4Rx	
4.6.7.3	EN-DC FR1 CSI-RS based CMR and dedicated IMR L1- SINR measurement in DRX	Rel-16	C143	UEs supporting EN-DC FR1 and long DRX cycle and L1-SINR measurement based on CSI-RS as CMR and dedicated CSI-RS as IMR		2Rx 4Rx	
4.7	Measurement performance						
4.7.1	requirements SS-RSRP						
4.7.1.1	Intra-frequency measurements						
4.7.1.1.1	EN-DC FR1 SS-RSRP absolute measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.1.1.1 has been executed.	2Rx 4Rx	

Clause	TC Title	Release	Aŗ	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	1		
4.7.1.1.2	EN-DC FR1 SS-RSRP relative measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.1.1.2 has been executed.	2Rx 4Rx	
4.7.1.2	Inter-frequency measurements						
4.7.1.2.1	EN-DC FR1-FR1 SS-RSRP absolute measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.1.2.1 has been executed.	2Rx 4Rx	
	EN-DC FR1-FR1 SS-RSRP relative measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.1.2.2 has been executed.	2Rx 4Rx	
4.7.2	SS-RSRQ						
4.7.2.1	EN-DC FR1 SS-RSRQ measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.2.1 has been executed.	2Rx 4Rx	
4.7.2.2.1	EN-DC FR1-FR1 SS-RSRQ absolute measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.2.2.1 has been executed.	2Rx 4Rx	
4.7.2.2.2	EN-DC FR1-FR1 SS-RSRQ relative measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.2.2.2 has been executed.	2Rx 4Rx	
4.7.3	SS-SINR						
4.7.3.1	EN-DC FR1 SS-SINR measurement accuracy	Rel-15	C035	UEs supporting EN-DC FR1 and SS-SINR-meas	Test execution not necessary if test 6.7.3.1 has been executed.	2Rx 4Rx	

Clause	TC Title	Release	Ар	oplicability	Additional Information	Branch	Subtest Selection
			Condition	Comment	_		Criteria
4.7.3.2.1	EN-DC FR1-FR1 SS-SINR absolute measurement accuracy	Rel-15	C035	UEs supporting EN-DC FR1 and SS-SINR-meas	Test execution not necessary if test 6.7.3.2.1 has been executed.	2Rx 4Rx	
4.7.3.2.2	EN-DC FR1-FR1 SS-SINR relative measurement accuracy	Rel-15	C035	UEs supporting EN-DC FR1 and SS-SINR-meas	Test execution not necessary if test 6.7.3.2.2 has been executed.	2Rx 4Rx	
4.7.4	L1-RSRP						
4.7.4.1.1	EN-DC FR1 SSB-based L1- RSRP absolute measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.4.1.1 has been executed.	2Rx 4Rx	
4.7.4.1.2	EN-DC FR1 SSB-based L1- RSRP relative measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.4.1.2 has been executed.	2Rx 4Rx	
4.7.4.2.1	EN-DC FR1 CSI-RS-based L1-RSRP absolute measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.4.2.1 has been executed.	2Rx 4Rx	
4.7.4.2.2	EN-DC FR1 CSI-RS-based L1-RSRP relative measurement accuracy	Rel-15	C021	UEs supporting EN-DC FR1	Test execution not necessary if test 6.7.4.2.2 has been executed.	2Rx 4Rx	
4.7.5	SFTD				shoodiou.		
4.7.5.1	EN-DC FR1 SFTD measurement accuracy	Rel-15	C043	UEs supporting EN-DC FR1 and SFTD measurements between E-UTRA Pcell and NR PSCell		2Rx 4Rx	
4.7.7	L1-SINR						

Clause	TC Title	Release	Ap	oplicability	Additional Information	Branch	Subtest Selection Criteria	
			Condition	Comment	-		Gillena	
4.7.7.1.1	EN-DC FR1 CSI-RS based CMR and no dedicated IMR configured and CSI-RS resource set with repetition	Rel-16	C135	UEs supporting EN-DC FR1 and L1-SINR- measurement	Test execution not necessary if	2Rx 4Rx		
	off L1-SINR absolute measurement accuracy			based on CSI-RS as CMR without dedicated IMR configured	test 6.7.9.1.1 has been executed.			
	EN-DC FR1 CSI-RS based CMR and no dedicated IMR configured and CSI-RS resource set with repetition off L1-SINR relative measurement accuracy	Rel-16	C135	UEs supporting EN-DC FR1 and L1-SINR- measurement based on CSI-RS as CMR without dedicated IMR configured	Test execution not necessary if test 6.7.9.1.2 has been executed.	2Rx 4Rx		
4.7.7.2	EN-DC FR1 SSB based CMR and dedicated IMR L1-SINR absolute measurement accuracy	Rel-16	C136	UEs supporting EN-DC FR1 and L1-SINR- measurement based on SSB as CMR and dedicated CSI-IM as IMR	Test execution not necessary if test 6.7.9.2 has been executed.	2Rx 4Rx		
4.7.7.3.1	EN-DC FR1 CSI-RS based CMR and dedicated IMR L1- SINR absolute measurement accuracy	Rel-16	C137	UEs supporting 5GS NR SA FR1 and L1-SINR- measurement based on CSI-RS as CMR and dedicated CSI-IM as IMR	Test execution not necessary if test 6.7.9.3.1 has been executed.	2Rx 4Rx		
4.7.7.3.2	EN-DC FR1 CSI-RS based CMR and dedicated IMR L1- SINR relative measurement accuracy	Rel-16	C137	UEs supporting 5GS NR SA FR1 and L1-SINR- measurement based on CSI-RS as CMR and dedicated CSI-IM as IMR	Test execution not necessary if test 6.7.9.3.2 has been executed.	2Rx 4Rx		
4A	NE-DC with all NR cells in FR1							
4A.1	Signalling characteristics							
<b>4A.1.1</b> 4A.1.1.1	E-UTRA PSCell addition NE-DC FR1 addition and release delay of known PSCell	Rel-15	FFS	FFS	NOTE 1	2Rx 4Rx		
NOTE 1: NOTE 2:	configurations already. NOTE 1 can be removed only when the test case/branch is complete for at least one Band / CA/DC Configuration for at least one feature included in the test case/branch. Detailed completion status can be found in the corresponding test case section in 38.533.							

Table 4.2-1a: Void

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Table 4.2-2: Applicability of RRM EN-DC FR2 conformance test cases, ref. TS 38.533 [5]

Clause	TC Title	Release	A	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	-		Onteria
5.3	RRC_CONNECTED state mobility						
5.3.2	RRC connection mobility control						
5.3.2.2	Random access						
5.3.2.2.1	EN-DC FR2 contention based random access	Rel-16	C022	UEs supporting EN-DC FR2		2Rx	
5.3.2.2.2	EN-DC FR2 non-contention based random access	Rel-16	C022	UEs supporting EN-DC FR2		2Rx	Subtest 2: F003
5.3.2.2.3	EN-DC FR2 2-step contention based random access	Rel-16	C158	UEs supporting EN-DC FR2 and 2- step RACH	NOTE 1	2Rx	
5.3.2.2.4	EN-DC FR2 2-step non- contention based random access	Rel-16	C158	UEs supporting EN-DC FR2 and 2- step RACH	NOTE 1	2Rx	
5.4	Timing			•			
5.4.1	UE transmit timing						
5.4.1.1	EN-DC FR2 UE transmit timing accuracy	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	Subtest 2: F004
5.4.2	UE timer accuracy						
5.4.3	Timing advance						
5.4.3.1	EN-DC FR2 timing advance adjustment accuracy	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.5	Signalling characteristics						
5.5.1	Radio link monitoring						
5.5.1.1	EN-DC FR2 radio link monitoring out-of-sync test for PSCell configured with SSB-based RLM RS in non- DRX mode	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.5.1.2	EN-DC FR2 radio link monitoring in-sync test for PSCell configured with SSB- based RLM RS in non-DRX mode	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.5.1.3	EN-DC FR2 radio link monitoring out-of-sync test for PSCell configured with SSB-based RLM RS in DRX mode	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	
5.5.1.4	EN-DC FR2 radio link monitoring in-sync test for PSCell configured with SSB- based RLM RS in DRX mode	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	
5.5.1.5	EN-DC FR2 radio link monitoring out-of-sync test for PSCell configured with CSI-RS-based RLM RS in non-DRX mode	Rel-15	C161	UEs supporting EN-DC FR2 and CSI-RS based RLM	NOTE 1	2Rx	
5.5.1.6	EN-DC FR2 radio link monitoring in-sync test for PSCell configured with CSI- RS-based RLM RS in non- DRX mode	Rel-15	C161	UEs supporting EN-DC FR2 and CSI-RS based RLM	NOTE 1	2Rx	
5.5.1.7	EN-DC FR2 radio link monitoring out-of-sync test for PSCell configured with CSI-RS-based RLM RS in DRX mode	Rel-15	C162	UEs supporting EN-DC FR2, CSI- RS-based RLM and long DRX cycle		2Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
5.5.1.8	EN-DC FR2 radio link monitoring in-sync test for PSCell configured with CSI- RS-based RLM RS in DRX mode	Rel-15	C162	UEs supporting EN-DC FR2, CSI- RS-based RLM and long DRX cycle		2Rx	
5.5.1.9	EN-DC FR2 radio link monitoring UE scheduling restrictions	Rel-15	C022n	UEs supporting EN-DC FR2 and PDCCH monitoring in any symbol of the slot (with or without span gap)	NOTE 1	2Rx	
5.5.1.10	EN-DC FR2 Radio Link Monitoring Out-of-sync Test for PSCell configured with SSB-based RLM RS for UE fulfilling relaxed measurement criterion	Rel-17	C022e	UEs supporting EN-DC FR2, long DRX cycle and RLM relaxed measurements		2Rx	
5.5.2	Interruption		-			_	
5.5.2.1	EN-DC FR2 interruptions at transitions between active and non-active during DRX in synchronous EN-DC	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	
5.5.2.2	EN-DC FR2 interruptions at transitions between active and non-active during DRX in asynchronous EN-DC	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	
5.5.2.3	EN-DC FR2 interruptions during measurements on deactivated NR SCC in synchronous EN-DC	Rel-15	C180	UEs supporting EN-DC FR2 and 2DL CA in NR		2Rx	
5.5.2.4	EN-DC FR2 interruptions during measurements on deactivated NR SCC in asynchronous EN-DC	Rel-15	C180	UEs supporting EN-DC FR2 and 2DL CA in NR		2Rx	
5.5.2.5	EN-DC FR2 interruptions during measurements on deactivated E-UTRAN SCC in synchronous EN-DC	FFS	FFS	FFS	NOTE 1	2Rx	
5.5.2.6	EN-DC FR2 interruptions during measurements on deactivated E-UTRAN SCC in asynchronous EN-DC	FFS	FFS	FFS	NOTE 1	2Rx	
5.5.3	Scell activation and deactivation delay						
5.5.3.1	EN-DC FR2 SCell activation and deactivation intra-band in non-DRX	Rel-15	C180	UEs supporting EN-DC FR2 and 2DL CA in NR		2Rx	
5.5.3.7	EN-DC FR2 direct SCell activation at SCell addition of known SCell	Rel-16	C242	UEs supporting EN-DC FR2 and 2DL CA in NR and direct SCell activation		2Rx	
5.5.3.8	EN-DC FR2 fast SCell Activation of SCell in FR2 intra-band	Rel-17	C269	UEs supporting EN-DC FR2 and 2DL CA in NR and direct SCell activation		2Rx	
5.5.3.13	EN-DC FR2 Addition and Release Delay of NR PSCell	Rel-17	C268a	UEs supporting EN-DC FR2 and conditional PSCell addition in EN-DC	NOTE 1	2Rx	
5.5.4	UE UL carrier RRC reconfiguration delay						

Clause	TC Title	Release	A	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			ontonia
5.5.5	Beam failure detection and						
5.5.5.1	link recovery procedures EN-DC FR2 SSB-based beam failure detection and link recovery in non-DRX	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.5.5.2	EN-DC FR2 SSB-based beam failure detection and link recovery in DRX	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	
5.5.5.3	EN-DC FR2 CSI-RS-based beam failure detection and link recovery in non-DRX	Rel-15	C161	UEs supporting EN-DC FR2 and CSI-RS-based RLM		2Rx	
5.5.5.4	EN-DC FR2 CSI-RS-based beam failure detection and link recovery in DRX	Rel-15	C162	UEs supporting EN-DC FR2 and long DRX cycle and CSI-RS-based RLM		2Rx	
5.5.5.5	EN-DC FR2 scheduling available restriction during SSB-based beam failure detection and link recovery in non-DRX	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.5.5.6	EN-DC FR2 CSI-RS-based BFD and LR for SCell in non- DRX	Rel-16	C149	UEs supporting EN-DC FR2 and CSI-RS based BFR on Scell		2Rx	
5.5.5.7	EN-DC FR2 SCell CSI-RS- based beam failure detection and link recovery in DRX	Rel-16	C150	UEs supporting EN-DC FR2 and long DRX cycle and CSI-RS based BFR on Scell		2Rx	
5.5.5.8	EN-DC FR2 CSI-RS-based PSCell TRP specific Beam Failure Detection and Link Recovery in DRX mode	Rel-17	C162a	UEs supporting TRP specific EN- DC FR2 and long DRX cycle and CSI-RS-based RLM		2Rx	
5.5.5.9	EN-DC FR2 SSB-based beam failure detection and link recovery in DRX mode for UE fulfilling relaxed measurement criterion	Rel-17	C320	UEs supporting EN-DC FR2 and long DRX cycle and BFD relaxation criteria <i>bfd-</i> <i>Relaxation-r17</i>		2Rx	
5.5.6	Active BWP switch delay						
5.5.6.1	DCI-based and timer-based active BWP switch						
5.5.6.1.1	EN-DC FR2 DCI-based DL active BWP switch in non- DRX in synchronous EN-DC	FFS	FFS	FFS	NOTE 1	2Rx	
5.5.6.1.2	EN-DC FR2 DCI-based DL active BWP switch with SCell in non-DRX in synchronous EN-DC	Rel-15	N/A	Not recommended due to LTE – FR2 testability issue	NOTE 1	2Rx	
5.5.6.2	RRC-based active BWP switch						
5.5.6.2.1	EN-DC FR2 RRC-based DL active BWP switch in non- DRX in synchronous EN-DC	Rel-15	C065c	UEs supporting EN-DC FR2 and (Support of BWP adaptation upto2 or upto4)		2Rx	
5.5.7	Void						
5.5.8	Active TCI state switch delay						

Clause	TC Title	Release	A	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	1		
5.5.8.1	EN-DC FR2 MAC-CE based active TCI state switch	Rel-15	C022m	UEs supporting EN-DC FR2, maximum number of active TCI states per BWP greater than 1, and maximum number of simultaneously trackable TRS resource sets per CC greater than 1	NOTE 1	2Rx	
5.5.8.2	EN-DC FR2 RRC based active TCI state switch	Rel-15	C022m	UEs supporting EN-DC FR2, maximum number of active TCI states per BWP greater than 1, and maximum number of simultaneously trackable TRS resource sets per CC greater than 1	NOTE 1	2Rx	
5.5.11	Unified TCI state switch						
	delay						
5.5.11.1	EN-DC FR2 MAC-CE based active joint TCI state switch	Rel-17	C278	UEs supporting EN-DC FR2, and unified TCI state operation with joint DL/UL TCI update for intra-cell beam management	NOTE 1	2Rx	
5.5.12	PSCell activation and deactivation delay						
5.5.12.1	EN-DC FR2 PSCell activation and deactivation delay	Rel-17	C289	UEs supporting EN-DC FR2 and activation and deactivation on SCG		2RX	
5.5.11.2	EN-DC FR2 MAC-CE based active uplink TCI state switch	Rel-17	C279	UEs supporting EN-DC FR2, and unified TCI state operation with separate DL/UL TCI update for intra-cell beam management	NOTE 1	2Rx	

Clause	TC Title	Release	Aı	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	1		
5.5.11.3	EN-DC FR2 MAC-CE based active downlink TCI state switch		C280	UEs supporting EN-DC FR2, and unified TCI state operation with separate DL/UL TCI update for intra-cell beam management, and supporting RRC configuration of additional PCI different from serving cell associated with the TCI state and/or QCL-info, and unified TCI with separate DL/UL TCI update for inter-cell beam management	NOTE 1	2Rx	
5.6	Measurement procedures			Inanagement			
5.6.1	Intra-frequency measurements						
5.6.1.1	EN-DC FR2 event-triggered reporting without gap in non- DRX	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.6.1.2	EN-DC FR2 event-triggered reporting without gap in DRX	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	
5.6.1.3	EN-DC FR2 event-triggered reporting with gap in non- DRX	Rel-15	C163	UEs supporting EN-DC FR2, CSI- RS-based RLM and BWP operation without bandwidth restriction		2Rx	
5.6.1.4	EN-DC FR2 event-triggered reporting with gap in DRX	Rel-15	C043a	UEs supporting EN-DC FR2, long DRX cycle, CSI-RS based RLM and BWP operation without BW restriction		2Rx	
5.6.2	Inter-frequency measurements						
5.6.2.1	EN-DC FR2-FR2 event- triggered reporting in non- DRX	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	Subtest 2: F014
5.6.2.2	EN-DC FR2-FR2 event- triggered reporting in DRX	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	Subtests 3,4: F015
5.6.2.3	EN-DC FR2-FR2 event- triggered reporting in non- DRX with SSB time index detection	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	Subtest 2: F014
5.6.2.4	EN-DC FR2-FR2 event- triggered reporting in DRX with SSB time index detection	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	Subtests 3,4: F015
5.6.2.5	EN-DC FR1-FR2 event- triggered reporting in non- DRX	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	

Clause	TC Title	Release	A	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	-		ontonia
5.6.2.6	EN-DC FR1-FR2 event- triggered reporting in DRX	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
5.6.2.7	EN-DC FR1-FR2 event- triggered reporting in non- DRX with SSB time index detection	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
5.6.2.8	EN-DC FR1-FR2 event- triggered reporting in DRX with SSB time index detection	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
5.6.3	L1-RSRP for beam						
5.6.3.1	reporting EN-DC FR2 SSB-based L1- RSRP measurement in non- DRX	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.6.3.2	EN-DC FR2 SSB-based L1- RSRP measurement in DRX	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	
5.6.3.3	EN-DC FR2 CSI-RS-based L1-RSRP measurement in non-DRX	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.6.3.4	EN-DC FR2 CSI-RS-based L1-RSRP measurement in DRX	Rel-15	C022a	UEs supporting EN-DC FR2 and long DRX cycle		2Rx	
5.6.4.1	EN-DC FR2 SRS-RSRP measurement in non-DRX	Rel-16	C022b	UEs supporting EN-DC FR2 and SRS-RSRP measurements		2Rx	
5.6.3	L1-SINR measurement for						
5.6.6.1	beam reporting EN-DC FR2 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in DRX	Rel-16	C141a	UEs supporting EN-DC FR2 and long DRX cycle and L1-SINR measurement based on CSI-RS as CMR without dedicated IMR configured		2Rx	
5.6.6.2	EN-DC FR2 SSB based CMR and dedicated IMR L1- SINR measurement in non- DRX	Rel-16	C142a	UEs supporting EN-DC FR2 and L1-SINR measurement based on SSB as CMR and dedicated CSI-RS as IMR		2Rx	
5.6.6.3	EN-DC FR2 CSI-RS based CMR and dedicated IMR L1- SINR measurement in non- DRX	Rel-16	C143a	UEs supporting EN-DC FR2 and L1-SINR measurement based on CSI-RS as CMR and dedicated CSI-IM as IMR		2Rx	
5.7	Measurement performance requirements						
5.7.1	SS-RSRP						
5.7.1.1	EN-DC FR2 SS-RSRP measurement accuracy	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.7.1.2	EN-DC FR2-FR2 SS-RSRP measurement accuracy	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	

Clause	TC Title	Release	A	oplicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	_		
5.7.1.3	EN-DC FR1-FR2 SS-RSRP measurement accuracy	Rel-15	N/A	Not recommended due to E- UTRA/FR1 – FR2 testability issue	NOTE 1	2Rx	
5.7.2	SS-RSRQ						
5.7.2.1	EN-DC FR2 SS-RSRQ measurement accuracy	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.7.2.2	EN-DC FR2-FR2 SS-RSRQ measurement accuracy	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.7.3	SS-SINR						
5.7.3.1	EN-DC FR2 SS-SINR measurement accuracy	Rel-15	C069	UEs supporting EN-DC FR2 and SS-SINR-meas		2Rx	
5.7.3.2	EN-DC FR2-FR2 SS-SINR measurement accuracy	Rel-15	C069	UEs supporting EN-DC FR2 and SS-SINR-meas		2Rx	
5.7.4	L1-RSRP						
5.7.4.1	EN-DC FR2 SSB based L1- RSRP measurement accuracy	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.7.4.2	EN-DC FR2 CSI-RS based L1-RSRP measurement accuracy	Rel-15	C022	UEs supporting EN-DC FR2		2Rx	
5.7.5.1	EN-DC FR2 SRS-RSRP measurement accuracy	Rel-16	C022b	UEs supporting EN-DC FR2 and SRS-RSRP measurements		2Rx	
5.7.6	L1-SINR measurement for beam reporting						
5.7.6.1	EN-DC FR2 CSI-RS based CMR and no dedicated IMR configured and CSI-RS resource set with repetition off L1-SINR measurement accuracy	Rel-16	C141b	UEs supporting EN-DC FR2 and L1-SINR measurement based on CSI-RS as CMR without dedicated IMR configured		2Rx	
5.7.6.2	EN-DC FR2 SSB based CMR and dedicated IMR L1- SINR absolute measurement accuracy	Rel-16	C142a	UEs supporting EN-DC FR2 and L1-SINR measurement based on SSB as CMR and dedicated CSI-RS as IMR		2Rx	
5.7.6.3	EN-DC FR2 CSI-RS based CMR and dedicated IMR L1- SINR measurement accuracy	Rel-16	C143a	UEs supporting EN-DC FR2 and L1-SINR measurement based on CSI-RS as CMR and dedicated CSI-IM as IMR		2Rx	
NOTE 1: NOTE 2: NOTE 3:		1 can be r	emoved only for at least	/ when the test case/l one feature included	oranch is comp in the test	olete for	

Table 4.2-2a: Void

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Table 4.2-3: Applicability of RRM NR SA FR1 conformance test cases, ref. TS 38.533 [5]

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
6.1	RRC_IDLE state mobility						
6.1.1	NR cell re-selection						
6.1.1.1	NR SA FR1 cell re- selection	Rel-15	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.1.1.2	NR SA FR1-FR1 cell re- selection	Rel-15	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.1.1.3	NR SA FR1 cell re- selection for UE fulfilling low mobility relaxed measurement criterion	Rel-16	C093	UEs supporting 5GS NR SA FR1 and relaxed RRM measurement		2Rx 4Rx	
6.1.1.4	NR SA FR1 cell re- selection for UE fulfilling not-at-cell edge relaxed measurement criterion	Rel-16	C093	UEs supporting 5GS NR SA FR1 and relaxed RRM measurement		2Rx 4Rx	
6.1.1.5	NR SA FR1-FR1 cell re- selection for UE fulfilling low mobility relaxed measurement criterion	Rel-16	C093	UEs supporting 5GS NR SA FR1 and relaxed RRM measurement		2Rx 4Rx	
6.1.1.6	NR SA FR1-FR1 cell re- selection for UE fulfilling not-at-cell edge relaxed measurement criterion	Rel-16	C093	UEs supporting 5GS NR SA FR1 and relaxed RRM measurement		2Rx 4Rx	
6.1.1.7	NR SA FR1 cell re- selection for UE configured with highSpeedMeasFlag-r16	Rel-16	C052	UEs supporting 5GS NR SA FR1 and measurement enhancements in HST		2Rx 4Rx	
6.1.1.8	NR SA FR1-FR1 Cell reselection for UE configured with highSpeedMeasInterFre q-r17	Rel-17	C052a	UEs supporting 5GS NR SA FR1 and inter-freq measurement enhancements in HST		2Rx 4Rx	
6.1.2	NR – E-UTRA cell re- selection						
6.1.2.1	NR SA FR1 – E-UTRA cell re-selection to higher priority E-UTRA	Rel-15	C025	UEs supporting 5GS NR SA FR1 and E-UTRA		2Rx 4Rx	
6.1.2.2	NR SA FR1 – E-UTRA cell re-selection to lower priority E-UTRA	Rel-15	C025	UEs supporting 5GS NR SA FR1 and E-UTRA		2Rx 4Rx	
6.1.2.3	NR SA FR1 – E-UTRA cell re-selection to lower priority E-UTRAN for UE fulfilling low mobility relaxed measurement criterion	Rel-16	C094	UEs supporting 5GS NR SA FR1 and E-UTRA and relaxed RRM measurement		2Rx 4Rx	
6.1.2.4	NR SA FR1 – E-UTRA cell re-selection to lower priority E-UTRAN for UE fulfilling not-at-cell edge relaxed measurement criterion	Rel-16	C094	UEs supporting 5GS NR SA FR1 and E-UTRA and relaxed RRM measurement		2Rx 4Rx	
6.1.2.5	NR SA FR1 – E-UTRA cell re-selection to lower priority E-UTRA for UE configured with highSpeedMeasFlag-r16	Rel-16	C025b	UEs supporting 5GS NR SA FR1 and E-UTRA and E-UTRA inter-RAT measurement enhancements in HST		2Rx 4Rx	
6.2	RRC_INACTIVE state mobility						

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
6.2.1	NR SA FR1 Configured Grant based Small Data Transmissions (CG- SDT)	Rel-17	C001m	UEs supporting 5GS NR SA FR1, CG-SDT and long DRX cycle		2Rx 4Rx	
6.3	RRC_CONNECTED state mobility						
6.3.1	Handover						
6.3.1.1	NR SA FR1 handover with known target cell	Rel-15	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.3.1.2	NR SA FR1 handover with unknown target cell	Rel-15	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.3.1.3	NR SA FR1-FR1 handover with unknown target cell	Rel-15	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.3.1.4	NR SA FR1 – E-UTRA handover with known target cell	Rel-15	C025	UEs supporting 5GS NR SA FR1 and E-UTRA		2Rx 4Rx	
6.3.1.5	NR SA FR1 – E-UTRA handover with unknown target cell	Rel-15	C025	UEs supporting 5GS NR SA FR1 and E-UTRA		2Rx 4Rx	
6.3.1.6	NR SA FR1 – UTRAN FDD handover with known target cell	Rel-16	C096	UEs supporting 5GS NR SA FR1 and UTRAN FDD		2Rx 4Rx	
6.3.1.7	NR SA FR1 synchronous DAPS handover	Rel-16	C101	UEs supporting 5GS NR SA FR1 and intra- frequency DAPS handover		2Rx 4Rx	
6.3.1.8	NR SA FR1 asynchronous DAPS handover	Rel-16	C102	UEs supporting 5GS NR SA FR1 and intra- frequency async DAPS handover		2Rx 4Rx	
6.3.1.9	NR SA FR1 Intra-band inter-frequency synchronous DAPS handover	Rel-16	C107	UEs supporting 5GS NR SA FR1 and inter- frequency DAPS handover		2Rx 4Rx	
6.3.1.10	NR SA FR1 Intra-band inter-frequency asynchronous DAPS handover	Rel-16	C108	UEs supporting 5GS NR SA FR1 and inter- frequency async DAPS handover		2Rx 4Rx	
6.3.1.11	NR SA FR1 Inter-band inter-frequency synchronous DAPS handover	Rel-16	C107	UEs supporting 5GS NR SA FR1 and inter- frequency DAPS handover	For test configuratio n 1, 2, 4, 5, 9	2Rx 4Rx	
			C109	UEs supporting 5GS NR SA FR1 and inter- frequency DAPS handover and supporting different SCSs in source Pcell and inter-frequency target Pcell	For test configuratio n 3, 6, 7, 8	2Rx 4Rx	
6.3.1.12	NR SA FR1 Inter-band inter-frequency asynchronous DAPS handover	Rel-16	C108	UEs supporting 5GS NR SA FR1 and inter- frequency async DAPS handover	For test configuratio n 1, 2, 4, 5, 9	2Rx 4Rx	
			C110	UEs supporting 5GS NR SA FR1 and inter- frequency async DAPS handover and supporting different SCSs in source Pcell and inter-frequency target Pcell	For test configuratio n 3, 6, 7, 8	2Rx 4Rx	
6.3.2	RRC connection mobility control						

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
6.3.2.1	RRC re-establishment		- "				
6.3.2.1.	NR SA FR1 RRC re-	Rel-15	C001	UEs supporting 5GS NR		2Rx	
1	establishment			SA FR1		4Rx	
6.3.2.1. 2	NR SA FR1 - FR1 RRC re-establishment	Rel-15	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.3.2.1. 3	NR SA FR1 RRC re- establishment without serving cell timing	Rel-15	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.3.2.2	Random access						
6.3.2.2. 1	NR SA FR1 contention based random access	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.3.2.2.1 has been executed.	2Rx 4Rx	
6.3.2.2. 2	NR SA FR1 non- contention based random access	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.3.2.2.2 has been executed.	2Rx 4Rx	Subtest 2: F005
6.3.2.2. 3	NR SA FR1 2-step contention based random access	Rel-16	C159	UEs supporting 5GS NR SA FR1and 2-step RACH	Test execution not necessary if test 4.3.2.2.3 has been executed.	2Rx 4Rx	
6.3.2.2. 4	NR SA FR1 2-step non- contention based random access	Rel-16	C159	UEs supporting 5GS NR SA FR1and 2-step RACH	Test execution not necessary if test 4.3.2.2.4 has been executed.	2Rx 4Rx	
6.3.2.3	RRC connection release with redirection						
6.3.2.3. 1	NR SA FR1 RRC connection release with redirection	Rel-15	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.3.2.3. 2	NR SA FR1 - E-UTRA RRC connection release with redirection	Rel-15	C025	UEs supporting 5GS NR SA FR1 and E-UTRA		2Rx 4Rx	
6.3.3	Conditional handover						
6.3.3.1	NR SA FR1 conditional handover	Rel-16	C105	UEs supporting 5GS NR SA FR1 and Conditional handover		2Rx 4Rx	
6.3.3.2	NR SA FR1-FR1 conditional handover	Rel-16	C105	UEs supporting 5GS NR SA FR1 and Conditional handover		2Rx 4Rx	
6.4	Timing						

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
6.4.1.1	NR SA FR1 UE transmit timing accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.4.1.1 has been executed.	2Rx 4Rx	Subtest 2: F006
6.4.2	UE timer accuracy						
6.4.3	Timing advance						
6.4.3.1	NR SA FR1 timing advance adjustment accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.4.3.1 has been executed.	2Rx 4Rx	
6.5	Signalling characteristics						
6.5.1	Radio Link Monitoring						
6.5.1.1	NR SA FR1 radio link monitoring out-of-sync test for PCell configured with SSB-based RLM RS in non-DRX mode	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.5.1.1 has been executed.	2Rx 4Rx	
6.5.1.2	NR SA FR1 radio link monitoring in-sync test for PCell configured with SSB-based RLM RS in non-DRX mode	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.5.1.2 has been executed.	2Rx 4Rx	
6.5.1.3	NR SA FR1 radio link monitoring out-of-sync test for PCell configured with SSB-based RLM RS in DRX mode	Rel-15	C001b	UEs supporting 5GS NR SA FR1 and long DRX cycle	Test execution not necessary if test 4.5.1.3 has been executed.	2Rx 4Rx	
6.5.1.4	NR SA FR1 radio link monitoring in-sync test for PCell configured with SSB-based RLM RS in DRX mode	Rel-15	C001b	UEs supporting 5GS NR SA FR1 and long DRX cycle	Test execution not necessary if test 4.5.1.4 has been executed.	2Rx 4Rx	
6.5.1.5	NR SA FR1 radio link monitoring out-of-sync test for PCell configured with CSI-RS-based RLM RS in non-DRX mode	Rel-15	C037	UEs supporting 5GS NR SA FR1 and CSI-RS- based RLM	Test execution not necessary if test 4.5.1.5 has been executed.	2Rx 4Rx	
6.5.1.6	NR SA FR1 radio link monitoring in-sync test for PCell configured with CSI-RS-based RLM RS in non-DRX mode	Rel-15	C037	UEs supporting 5GS NR SA FR1 and CSI-RS- based RLM	Test execution not necessary if test 4.5.1.6 has been executed.	2Rx 4Rx	

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
6.5.1.7	NR SA FR1 radio link monitoring out-of-sync test for PCell configured with CSI-RS-based RLM RS in DRX mode	Rel-15	C037a	UEs supporting 5GS NR SA FR1, CSI-RS-based RLM and long DRX cycle	Test execution not necessary if test 4.5.1.7 has been executed.	2Rx 4Rx	
6.5.1.8	NR SA FR1 radio link monitoring in-sync test for PCell configured with CSI-RS-based RLM RS in DRX mode	Rel-15	C037a	UEs supporting 5GS NR SA FR1, CSI-RS-based RLM and long DRX cycle	Test execution not necessary if test 4.5.1.8 has been executed.	2Rx 4Rx	
6.5.1.9	SA FR1 radio link monitoring out-of-sync Test for PCell configured with CSI-RS- based RLM for UE fulfilling relaxed measurement criterion	Rel-17	C037b	UEs supporting 5GS NR SA FR1 and long DRX cycle and CSI-RS-based RLM and RLM relaxation criteria <i>rlm-Relaxation-r17</i>		2Rx 4Rx	
6.5.2		D.1.15	0001			05	
6.5.2.1	NR SA FR1 interruptions during measurements on deactivated NR SCC	Rel-15	C031	UEs supporting 5GS NR SA FR1 and CA (2DL CA)		2Rx 4Rx	
6.5.3	Scell activation and deactivation delay						
6.5.3.1	NR SA FR1 SCell activation and deactivation of known SCell in non-DRX for 160ms SCell measurement cycle	Rel-15	C031	UEs supporting 5GS NR SA FR1 and CA (2DL CA)		2Rx 4Rx	
6.5.3.2	NR SA FR1 SCell activation and deactivation of known SCell in non-DRX for 640ms SCell measurement cycle	Rel-15	C031	UEs supporting 5GS NR SA FR1 and CA (2DL CA)		2Rx 4Rx	
6.5.3.3	NR SA FR1 SCell activation and deactivation of unknown SCell in non-DRX	Rel-15	C031	UEs supporting 5GS NR SA FR1 and CA (2DL CA)		2Rx 4Rx	
6.5.3.4	NR SA FR1 direct SCell activation at SCell addition of known SCell	Rel-16	C244	UEs supporting 5GS NR SA FR1 and CA (2DL CA) and direct SCell activation		2Rx 4Rx	
6.5.3.5	NR SA FR1 direct SCell activation at handover with known SCell	Rel-16	C244	UEs supporting 5GS NR SA FR1 and CA (2DL CA) and direct SCell activation		2Rx 4Rx	
6.5.3.10	NR SA FR1 fast SCell Activation of known SCell in non-DRX for 160ms SCell measurement cycle	Rel-17	C270	UEs supporting 5GS NR SA FR1 and CA (2DL CA) and fast SCell activation		2Rx 4Rx	
6.5.3.11	NR SA FR1 fast SCell Activation of known SCell in non-DRX for 640ms SCell measurement cycle	Rel-17	C270	UEs supporting 5GS NR SA FR1 and CA (2DL CA) and fast SCell activation		2Rx 4Rx	
6.5.4	UE UL carrier RRC reconfiguration delay						

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio
			Conditio n	Comment	-		Criteria
6.5.4.1	NR SA FR1 UE UL carrier RRC reconfiguration delay	Rel-15	C002	UEs supporting 5GS NR SA FR1 and SUL	Test execution not necessary if test 4.5.4.1 has been executed.	2Rx 4Rx	
6.5.5	Link recovery procedures						
6.5.5.1	NR SA FR1 SSB-based beam failure detection and link recovery in non- DRX	Rel-15	C084	UEs supporting 5GS NR SA FR1 and link recovery	Test execution not necessary if test 4.5.5.1 has been executed.	2Rx 4Rx	
6.5.5.2	NR SA FR1 SSB-based beam failure detection and link recovery in DRX	Rel-15	C084a	UEs supporting 5GS NR SA FR1 and long DRX cycle and link recovery	Test execution not necessary if test 4.5.5.2 has been executed.	2Rx 4Rx	
6.5.5.3	NR SA FR1 CSI-RS- based beam failure detection and link recovery in non-DRX	Rel-15	C085	UEs supporting 5GS NR SA FR1 and CSI-RS- based RLM and link recovery	Test execution not necessary if test 4.5.5.3 has been executed.	2Rx 4Rx	
6.5.5.4	NR SA FR1 CSI-RS- based beam failure detection and link recovery in DRX	Rel-15	C085a	UEs supporting 5GS NR SA FR1 and long DRX cycle and CSI-RS-based RLM and link recovery	Test execution not necessary if test 4.5.5.4 has been executed.	2Rx 4Rx	
6.5.5.5	NR SA FR1 Scell CSI- RS-based beam failure detection and SSB- based link recovery in non-DRX	Rel-16	C173	UEs supporting 5GS NR SA FR1 and CSI-RS- based RLM and SSB- based link recovery on Scell	Test execution not necessary if test 4.5.5.5 has been executed.	2Rx 4Rx	
6.5.5.6	NR SA FR1 Scell CSI- RS-based beam failure detection and SSB- based link recovery in DRX	Rel-16	C174	UEs supporting 5GS NR SA FR1 and CSI-RS- based RLM and SSB- based link recovery on Scell and long DRX cycle	Test execution not necessary if test 4.5.5.6 has been executed.	2Rx 4Rx	
6.5.5.7	NR SA FR1 PCell TRP Specific CSI-RS-based Beam Failure Detection and Link Recovery in DRX	Rel-17	C085b	UEs supporting TRP specific 5GS NR SA FR1 and long DRX cycle and CSI-RS-based RLM and link recovery		2Rx 4Rx	
6.5.6	Active BWP switch delay						
6.5.6.1	DCI-based and timer- based active BWP switch						

Clause	TC Title	e Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n Criteria
			Conditio n	Comment	-		ontena
6.5.6.1. 1	NR SA FR1-FR1 DCI- based DL active BWP switch in non-DRX	Rel-15	C066a	UEs supporting 5GS NR SA FR1 and (DCI and timer based active BWP switching delay type1 or type2) and (Support of BWP adaptation upto2 or upto4) and 2DL CA		2Rx 4Rx	
6.5.6.1. 2	NR SA FR1 DCI-based DL active BWP switch in non-DRX	Rel-15	C066	UEs supporting 5GS NR SA FR1 and (DCI and timer based active BWP switching delay type1 or type2) and (Support of BWP adaptation upto2 or upto4)		2Rx 4Rx	
6.5.6.2	RRC-based active BWP switch						
6.5.6.2. 1	NR SA FR1 RRC-based DL active BWP switch in non-DRX	Rel-15	C066b	UEs supporting 5GS NR SA FR1 and (Support of BWP adaptation upto2 or upto4)		2Rx 4Rx	
6.5.6.3	Simultaneous DCI- based and Timer- based Active BWP Switch on multiple CCs						
6.5.6.3. 1	NR SA FR1-FR1 DCI- based DL active BWP switch in non-DRX	Rel-16	C066e	UEs supporting 5GS NR SA FR1, incremental delay for DCI and timer based active BWP switching on multiple CCs and 3DL CA	NOTE 1	2Rx 4Rx	
6.5.6.4							
6.5.6.5	Simultaneous RRC- based Active BWP Switch on multiple CCs						
6.5.6.5. 1	RRC based BWP switch on multiple CCs	Rel-16	C066d	UEs supporting 5GS NR SA FR1, incremental delay for DCI and timer based active BWP switching on multiple CCs and 2DL CA	NOTE 1	2Rx 4Rx	
6.5.7	DL interruptions at switching between two uplink carriers						
6.5.7.1	NR SA FR1 DL Interruptions at switching between two uplink carriers in FDD- TDD CA	Rel-16	C051	UEs supporting 5GS NR SA FR1 and Inter-band CA (2UL CA) and dynamic UL Tx switching		2Rx 4Rx	
6.5.7.2	NR SA FR1 DL Interruptions at switching between two uplink carriers in TDD- TDD CA	Rel-16	C051a	UEs supporting 5GS NR SA FR1 and Inter-band CA (2UL CA) and dynamic UL Tx switching		2Rx 4Rx	
6.5.7A. 1	NR SA FR1 DL interruptions at switching between two uplink carriers in FDD- TDD CA	Rel-17	C051b	UEs supporting 5GS NR SA FR1 and Inter-band CA (2UL CA) and dynamic UL Tx switching		2Rx 4Rx	

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n Criteria
			Conditio n	Comment	-		ontena
6.5.7A. 2	NR SA FR1 DL interruptions at switching between two uplink carriers in TDD- TDD CA	Rel-17	C051c	UEs supporting 5GS NR SA FR1 and Inter-band CA (2UL CA) and dynamic UL Tx switching		2Rx 4Rx	
6.5.7B. 1	NR SA FR1 DL interruptions at switching between two uplink bands in FDD- TDD CA	Rel-17	C051d	UEs supporting 5GS NR SA FR1 and Inter- band/intra-band CA (3UL CA) and dynamic UL Tx switching		2Rx 4Rx	
6.5.7B. 2	NR SA FR1 DL interruptions at switching between two uplink bands in TDD- TDD CA	Rel-17	C051e	UEs supporting 5GS NR SA FR1 and Inter- band/intra-band CA (3UL CA) and dynamic UL Tx switching		2Rx 4Rx	
6.5.7C. 1	NR SA FR1 DL interruptions at switching between two uplink bands with two transmit antenna connectors in FDD-TDD CA	Rel-17	C051f	UEs supporting 5GS NR SA FR1 and Inter- band/intra-band CA (3UL CA) and dynamic UL Tx switching		2Rx 4Rx	
6.5.7C. 2	NR SA FR1 DL interruptions at switching between two uplink bands with two transmit antenna connectors in TDD-TDD CA	Rel-17	C051g	UEs supporting 5GS NR SA FR1 and Inter- band/intra-band CA (3UL CA) and dynamic UL Tx switching		2Rx 4Rx	
6.5.8	UE specific CBW change						
6.5.8.1	UE specific CBW change on PCell in FR1 in non-DRX	Rel-16	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.6	Measurement procedures						
6.6.1	Intra-frequency measurements						
6.6.1.1	NR SA FR1 event- triggered reporting without gap in non-DRX	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.6.1.1 has been executed.	2Rx 4Rx	
6.6.1.2	NR SA FR1 event- triggered reporting without gap in DRX	Rel-15	C001b	UEs supporting 5GS NR SA FR1 and long DRX cycle	Test execution not necessary if test 4.6.1.2 has been executed.	2Rx 4Rx	
6.6.1.3	NR SA FR1 event- triggered reporting with gap in non-DRX	Rel-15	C041	UEs supporting 5GS NR SA FR1 and CSI-RS- based RLM and BWP operation without bandwidth restriction	Test execution not necessary if test 4.6.1.3 has been executed.	2Rx 4Rx	

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
6.6.1.4	NR SA FR1 event- triggered reporting with gap in DRX	Rel-15	C041a	UEs supporting 5GS NR SA FR1, CSI-RS-based RLM, BWP operation without bandwidth restriction and long DRX cycle	Test execution not necessary if test 4.6.1.4 has been executed.	2Rx 4Rx	
6.6.1.5	NR SA FR1 event- triggered reporting without gap in non-DRX with SSB index reading	Rel-15	C024	UEs supporting 5GS NR FDD SA FR1	Test execution not necessary if test 4.6.1.5 has been executed.	2Rx 4Rx	
6.6.1.6	NR SA FR1 event- triggered reporting with gap in non-DRX with SSB index reading	Rel-15	C041b	UEs supporting 5GS NR FDD SA FR1 and CSI-RS- based RLM and BWP operation without bandwidth restriction	Test execution not necessary if test 4.6.1.6 has been executed.	2Rx 4Rx	
6.6.1.7	NR SA FR1 event- triggered reporting without gap in DRX for UE configured with highSpeedMeasFlag-r16	Rel-16	C052	UEs supporting 5GS NR SA FR1 and measurement enhancements in HST	Test execution not necessary if test 4.6.1.7 has been executed.	2Rx 4Rx	
6.6.1.8	NR SA FR1 event triggered reporting without gap in DRX for UE configured with highSpeedMeasCA- Scell-r17	Rel-17	C052b	UEs supporting 5GS NR SA FR1 and CA measurement enhancements in HST	Test execution not necessary if test 4.6.1.8 has been executed.	2Rx 4Rx	
6.6.2	Inter-frequency measurements						
6.6.2.1	NR SA FR1-FR1 event- triggered reporting in non-DRX	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.6.2.1 has been executed.	2Rx 4Rx	
6.6.2.2	NR SA FR1-FR1 event- triggered reporting in DRX	Rel-15	C001b	UEs supporting 5GS NR SA FR1 and long DRX cycle	Test execution not necessary if test 4.6.2.2 has been executed.	2Rx 4Rx	
6.6.2.5	NR SA FR1-FR1 event- triggered reporting in non-DRX with SSB time index detection	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.6.2.5 has been executed.	2Rx 4Rx	

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n Criteria
			Conditio n	Comment	_		Cinteria
6.6.2.6	NR SA FR1-FR1 event- triggered reporting in DRX with SSB time index detection	Rel-15	C001b	UEs supporting 5GS NR SA FR1 and long DRX cycle	Test execution not necessary if test 4.6.2.6 has been executed.	2Rx 4Rx	
6.6.2.9	NR SA FR1-FR1 event triggered reporting tests with additional mandatory gap pattern	Rel-16	C001	UEs supporting 5GS NR SA FR1	NOTE 1	2Rx 4Rx	
6.6.2.10	NR SA FR1-FR1 event triggered reporting tests for FR1 without gap when DRX is used	Rel-16	C287	UEs supporting 5GS NR SA FR1 and long DRX cycle and inter-frequency SSB based measurements without measurement gaps	NOTE 1	2Rx 4Rx	
6.6.2.11	NR SA FR1-FR1 event triggered reporting tests for FR1 without gap when DRX is not used	Rel-16	C286	UEs supporting 5GS NR SA FR1 and inter- frequency SSB based measurements without measurement gaps	NOTE 1	2Rx 4Rx	
6.6.2.12	NR SA FR1-FR1 event triggered reporting tests without SSB time index detection in DRX for UE configured with highSpeedMeasInterFre q-r17	Rel-17	C052c	UEs supporting 5GS NR SA FR1 and inter-freq measurement enhancements in HST	Test execution not necessary if test 4.6.2.9 has been executed.	2Rx 4Rx	Subtest 2: F017
6.6.3	Inter-RAT						
6.6.3.1	MR SA FR1 – E-UTRAN event-triggered reporting in non-DRX	Rel-15	C025	UEs supporting 5GS NR SA FR1 and E-UTRAN		2Rx 4Rx	
6.6.3.2	NR SA FR1 – E-UTRAN event-triggered reporting in DRX	Rel-15	C025a	UEs supporting 5GS NR SA FR1, E-UTRAN and long DRX cycle		2Rx 4Rx	
6.6.3.3	NR SA FR1 – E-UTRAN event-triggered reporting in DRX for UE configured with highSpeedMeasFlag-r16	Rel-16	C025c	UEs supporting 5GS NR SA FR1 and E-UTRAN, long DRX cycle and E- UTRA inter-RAT measurement enhancements in HST		2Rx 4Rx	
6.6.4	L1-RSRP measurement for beam reporting						
6.6.4.1	NR SA FR1 SSB-based L1-RSRP measurement in non-DRX	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.6.4.1 has been executed.	2Rx 4Rx	
6.6.4.2	NR SA FR1 SSB-based L1-RSRP measurement in DRX	Rel-15	C001b	UEs supporting 5GS NR SA FR1 and long DRX cycle	Test execution not necessary if test 4.6.4.2 has been executed.	2Rx 4Rx	

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
6.6.4.3	NR SA FR1 CSI-RS- based L1-RSRP measurement in non- DRX	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.6.4.3 has been executed.	2Rx 4Rx	
6.6.4.4	NR SA FR1 CSI-RS- based L1-RSRP measurement in DRX	Rel-15	C001b	UEs supporting 5GS NR SA FR1 and long DRX cycle	Test execution not necessary if test 4.6.4.4 has been executed.	2Rx 4Rx	
6.6.4.5	NR SA FR1 SSB-based L1-RSRP measurement in DRX for UE configured with highSpeedMeasFlag-r16	Rel-16	C001f	UEs supporting 5GS NR SA FR1, long DRX cycle and intra-NR measurement enhancements in HST	Test execution not necessary if test 4.6.4.5 has been executed.	2Rx 4Rx	
6.6.5	FFS		_				
6.6.5.1	NR SA FR1 – UTRAN event-triggered reporting in non-DRX	Rel-16	C096	UEs supporting 5GS NR SA FR1 and UTRAN FDD		2Rx 4Rx	
6.6.8	L1-SINR measurement for beam reporting						
6.6.8.1	NR SA FR1 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in DRX	Rel-16	C144	UEs supporting 5GS NR SA FR1 and long DRX cycle and L1-SINR measurement based on CSI-RS as CMR without dedicated IMR configured		2Rx 4Rx	
6.6.8.2	NR SA FR1 SSB based CMR and dedicated IMR L1-SINR measurement in non-DRX	Rel-16	C145	UEs supporting 5GS NR SA FR1 and L1-SINR measurement based on SSB as CMR and dedicated CSI-RS as IMR		2Rx 4Rx	
6.6.8.3	NR SA FR1 CSI-RS based CMR and dedicated IMR L1-SINR measurement in non- DRX	Rel-16	C146	UEs supporting 5GS NR SA FR1 and L1-SINR measurement based on CSI-RS as CMR and dedicated CSI-IM as IMR		2Rx 4Rx	
6.6.9	Idle Mode CA/DC Measurements						
6.6.9.1	NR SA FR1 Idle mode CA/DC measurement for FR1	Rel-16	C031a	UEs supporting 5GS NR SA FR1 and CA (2DL CA) and NR SSB measurements in RRC_IDLE/RRC_INACTI VE			
6.6.15	Idle Mode inter-RAT CA/DC Measurements						
6.6.15.1	NR SA FR1 Idle Mode measurements of inter- RAT CA candidate cells for early reporting	Rel-16	C031b	UEs supporting NE-DC FR1 and E-UTRA measurements in RRC_IDLE/RRC_INACTI VE			
6.6.17	SA event triggered reporting tests with Pre-MG						

Clause	TC Title Rele e				Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
6.6.17.1	NR SA FR1 event triggered reporting tests with autonomous activation/deactivation Pre-MG	Rel-17	C259	UEs supporting 5GS NR SA FR1, BWP adaptation of at least 2 BWPs, BWP operation without bandwidth restriction, DCI and timer-based active BWP switching delay Type1 or Type2, CSI-RS- based RLM and preconfiguredUE- AutonomousMeasGap-r17		2Rx 4Rx	
	NR SA FR1 event triggered reporting tests with pre-configured measurement gaps and network-controlled activation/deactivation	Rel-17	C260	UEs supporting 5GS NR SA FR1, BWP adaptation of at least 2 BWPs, BWP operation without bandwidth restriction, DCI and timer-based active BWP switching delay Type1 or Type2, CSI-RS- based RLM and preconfiguredNW- ControlledMeasGap-r17		2Rx 4Rx	
6.6.18	SA event triggered reporting tests with concurrent gaps						
6.6.18.1	NR SA FR1 event- triggered reporting for concurrent gaps non- overlap with SSB-based measurements in both inter-frequency layers	Rel-17	C264	UEs supporting 5GS NR SA FR1 and more than 1 per-UE measurement gap configurations		2Rx 4Rx	
6.6.18.2	NR SA FR1 event- triggered reporting for concurrent gaps partially-overlap with SSB-based measurements in both inter-frequency layers	Rel-17	C264	UEs supporting 5GS NR SA FR1 and more than 1 per-UE measurement gap configurations		2Rx 4Rx	
6.6.18.3	NR SA FR1 NR - E- UTRAN and NR FR1 concurrent event- triggered reporting in non-DRX in FR1	Rel-17	C265	UEs supporting 5GS NR SA FR1 and E-UTRA and more than 1 per-UE measurement gap configurations and the configurations of E- UTRAN measurement objectives associated with more than 1 concurrent measurement gaps		2Rx 4Rx	
	NR SA FR1 event triggered reporting tests for PRS and SSB measurement in FR1 without SSB time index detection when DRX is not used	Rel-17	C266	UEs supporting 5GS NR SA FR1 and more than 1 per-UE measurement gap configurations and two independent measurement gap configurations for FR1 and FR2 for PRS measurement		2Rx 4Rx	
6.6.19	SA event triggered reporting tests with NCSG						

Clause	TC Title	Releas e	Applicability		Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
triç wit	NR SA FR1 event- triggered reporting tests with NCSG under non- DRX in FR1	Rel-17	C253	UEs supporting 5GS NR SA FR1, CSI-RS-based RLM, BWP operation without bandwidth restriction, NR only NCSG patterns and reporting of NCSG requirement information but don't support per-FR NCSG	For sub-test	2Rx 4Rx	
			C254	UEs supporting 5GS NR SA FR1, CSI-RS-based RLM, BWP operation without bandwidth restriction, per-FR NCSG, reporting of NCSG requirement information and NR only NCSG patterns	For sub-test 2	2Rx 4Rx	
00 1	triggered reporting tests for FR1 with NCSG for inter-frequency	Rel-17	C255	UEs supporting 5GS NR SA FR1, NR only NCSG patterns and reporting of NCSG requirement information but don't support per-FR NCSG	For sub-test 1	2Rx 4Rx	
			C256	UEs supporting 5GS NR SA FR1, per-FR NCSG, reporting of NCSG requirement information and NR only NCSG patterns	For sub-test 2	2Rx 4Rx	
6.6.19.3	NR SA FR1 NR - E- UTRAN event-triggered reporting in non-DRX in FR1 with NCSG	Rel-17	C257	UEs supporting 5GS NR SA FR1, E-UTRAN, reporting of NCSG requirement information for E-UTRA and NCSG patterns		2Rx 4Rx	
6.6.19.4	NR SA FR1 Event triggered reporting on SCC with deactivated SCell test with per-UE NCSG under non-DRX	Rel-17	C258	UEs supporting 5GS NR SA FR1, CA (2DL CA), reporting of NCSG requirement information and NR only NCSG patterns		2Rx 4Rx	
6.6.20	UE Rx-Tx time difference measurement for propagation delay compensation						
6.6.20.1	UE Rx-Tx time difference measurement with PRS for RTT-based PDC in FR1 SA	Rel-17	C212	UEs supporting 5GS NR SA FR1 and RTT-based PDC for Rx-Tx measurement with PRS		2Rx	
6.6.21	UE Rx-Tx time difference measurement for propagation delay compensation with TRS						
6.6.21.1	UE Rx-Tx time difference measurement with TRS for RTT-based PDC in FR1 SA	Rel-17	C213	UEs supporting 5GS NR SA FR1 and RTT-based PDC for Rx-Tx measurement with TRS		2Rx	

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n Criteria
			Conditio n	Comment	-		
6.7	Measurement performance requirements						
6.7.1	SS-RSRP				_		
6.7.1.1	Intra-frequency measurements						
6.7.1.1. 1	NR SA FR1 SS-RSRP absolute measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.1.1.1 has been executed.	2Rx 4Rx	
6.7.1.1. 2	NR SA FR1 SS-RSRP relative measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.1.1.2 has been executed.	2Rx 4Rx	
6.7.1.2	Inter-frequency measurements						
6.7.1.2. 1	NR SA FR1-FR1 SS- RSRP absolute measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.1.2.1 has been executed.	2Rx 4Rx	
6.7.1.2. 2	NR SA FR1-FR1 SS- RSRP relative measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.1.2.2 has been executed.	2Rx 4Rx	
6.7.2	SS-RSRQ						
6.7.2.1	NR SA FR1 SS-RSRQ measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.2.1 has been executed.	2Rx 4Rx	
6.7.2.2. 1	NR SA FR1-FR1 SS- RSRQ absolute measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.2.2.1 has been executed.	2Rx 4Rx	

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment			Criteria
6.7.2.2.	NR SA FR1-FR1 SS- RSRQ relative measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.2.2.2 has been executed.	2Rx 4Rx	
6.7.3	SS-SINR	Del 45	0024		Teet		
6.7.3.1	NR SA FR1 SS-SINR measurement accuracy	Rel-15	C034	UEs supporting 5GS NR SA FR1 and SS-SINR- meas	Test execution not necessary if test 4.7.3.1 has been executed.	2Rx 4Rx	
6.7.3.2. 1	NR SA FR1-FR1 SS- SINR absolute measurement accuracy	Rel-15	C034	UEs supporting 5GS NR SA FR1 and SS-SINR- meas	Test execution not necessary if test 4.7.3.2.1 has been executed.	2Rx 4Rx	
6.7.3.2. 2	NR SA FR1-FR1 SS- SINR relative measurement accuracy	Rel-15	C034	UEs supporting 5GS NR SA FR1 and SS-SINR- meas	Test execution not necessary if test 4.7.3.2.2 has been executed.	2Rx 4Rx	
6.7.4	L1-RSRP for beam reporting						
6.7.4.1. 1	NR SA FR1 SSB based L1-RSRP absolute measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.4.1.1 has been executed.	2Rx 4Rx	
6.7.4.1. 2	NR SA FR1 SSB based L1-RSRP relative measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.4.1.2 has been executed.	2Rx 4Rx	
6.7.4.2. 1	NR SA FR1 CSI-RS based L1-RSRP absolute measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.4.2.1 has been executed.	2Rx 4Rx	

Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment	_		Criteria
6.7.4.2. 2 6.7.5	NR SA FR1 CSI-RS based L1-RSRP relative measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1	Test execution not necessary if test 4.7.4.2.2 has been executed.	2Rx 4Rx	
6.7.5.1	NR SA FR1 – E-UTRAN	Rel-15	C001	UEs supporting 5GS NR		2Rx	
	RSRP absolute measurement accuracy	IXel-13	001	SA FR1		4Rx	
6.7.6	E-UTRAN RSRQ						
6.7.6.1	NR SA FR1 – E-UTRAN RSRQ absolute measurement accuracy	Rel-15	C001	UEs supporting 5GS NR SA FR1		2Rx 4Rx	
6.7.7	E-UTRAN RS-SINR						
6.7.7.1	NR SA FR1 – E-UTRAN RS-SINR absolute measurement accuracy	Rel-15	C168	UEs supporting 5GS NR SA FR1 and E-UTRA RS- SINR measurements		2Rx 4Rx	
6.7.9	L1-SINR						
6.7.9.1. 1	NR SA FR1 CSI-RS based CMR and no dedicated IMR configured and CSI-RS resource set with repetition off L1-SINR absolute measurement accuracy	Rel-16	C132	UEs supporting 5GS NR SA FR1 and L1-SINR- measurement based on CSI-RS as CMR without dedicated IMR configured	Test execution not necessary if test 4.7.7.1.1 has been executed.	2Rx 4Rx	
6.7.9.1.	NR SA FR1 CSI-RS	Rel-16	C132	UEs supporting 5GS NR	Test	2Rx	
2	based CMR and no dedicated IMR configured and CSI-RS resource set with repetition off L1-SINR relative measurement accuracy			SA FR1 and L1-SINR- measurement based on CSI-RS as CMR without dedicated IMR configured	execution not necessary if test 4.7.7.1.2 has been executed.	4Rx	
6.7.9.2	NR SA FR1 SSB based CMR and dedicated IMR L1-SINR absolute measurement accuracy	Rel-16	C133	UEs supporting 5GS NR SA FR1 and L1-SINR- measurement based on SSB as CMR and dedicated CSI-IM as IMR	Test execution not necessary if test 4.7.7.2 has been executed.	2Rx 4Rx	
6.7.9.3. 1	NR SA FR1 CSI-RS based CMR and dedicated IMR L1-SINR absolute measurement accuracy	Rel-16	C134	UEs supporting 5GS NR SA FR1 and L1-SINR- measurement based on CSI-RS as CMR and dedicated CSI-IM as IMR	Test execution not necessary if test 4.7.7.3.1 has been executed.	2Rx 4Rx	
6.7.9.3. 2	NR SA FR1 CSI-RS based CMR and dedicated IMR L1-SINR relative measurement accuracy	Rel-16	C134	UEs supporting 5GS NR SA FR1 and L1-SINR- measurement based on CSI-RS as CMR and dedicated CSI-IM as IMR	Test execution not necessary if test 4.7.7.3.2 has been executed.	2Rx 4Rx	

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Clause	TC Title	Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n Criteria	
			Conditio	Comment				
			n					
	The test case/branch is incomplete for any Band/CA/DC Configuration but has basic test configurations already. NOTE 1 can be removed only when the test case/branch is complete for at least one Band / CA/DC Configuration for at least one feature included in the test case/branch. Detailed completion status can be found in the corresponding test case section in 38.533.							
NOTE 2:	Test X refers to the corres	sponding	Sub-Test as	defined in TS 38.533 [5].				
NOTE 3:	Test cases in TS 38.533 [ Test cases in TS 38.533 ]			/ to FR1 non-RedCap UEs. F	or FR1 RedC	ap UEs,		

Table 4.2-3a: Void

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Table 4.2-4: Applicability of RRM NR SA FR2 conformance test cases, ref. TS 38.533 [5]

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			••••••
7.1	RRC_IDLE state mobility						
7.1.1	NR cell re-selection						
7.1.1.1	NR SA FR2 cell re- selection	FFS	FFS	FFS		2Rx	
7.1.1.2	NR SA FR2-FR2 cell re- selection	FFS	FFS	FFS		2Rx	
7.1.1.3	NR SA FR2 cell re- selection for UE fulfilling low mobility relaxed measurement criterion	Rel-16	C095	UEs supporting 5GS NR SA FR2 and relaxed RRM measurement		2Rx	
7.1.1.4	NR SA FR2 cell re- selection for UE fulfilling not-at-cell edge relaxed measurement criterion	Rel-16	C095	UEs supporting 5GS NR SA FR2 and relaxed RRM measurement		2Rx	
7.1.1.5	NR SA FR2-FR2 cell re- selection for UE fulfilling low mobility relaxed measurement criterion	Rel-16	C095	UEs supporting 5GS NR SA FR2 and relaxed RRM measurement		2Rx	
7.1.1.6	NR SA FR2-FR2 cell re- selection for UE fulfilling not-at-cell edge relaxed measurement criterion	Rel-16	C095	UEs supporting 5GS NR SA FR2 and relaxed RRM measurement		2Rx	
7.1.1.7	NR SA FR2 cell re- selection for power class 6 UE configured with <i>highSpeedMeasFlagFR2-</i> <i>r17</i>	Rel-17	C240	UEs supporting 5GS NR SA FR2 and intra- frequency RRC_IDLE measurements in HST	NOTE 1	2Rx	
7.2	RRC_INACTIVE state mobility						
7.2.1	Small Data Transmission						
7.2.1.1	TA Validation for CG- SDT in FR2	Rel-17	C095a	UEs supporting 5GS NR SA FR2 and TA Validation for CG-SDT in FR2	NOTE 1	2RX	
7.3	RRC_CONNECTED state mobility						
7.3.1	Handover						
7.3.1.4	NR SA FR1-FR2 synchronous DAPS handover	Rel-16	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.3.1.5	NR SA FR1-FR2 asynchronous DAPS handover	Rel-16	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.3.2	RRC connection mobility control			· · · · · · · · · · · · · · · · · · ·			
7.3.2.1	RRC re-establishment						
7.3.2.1.1	NR SA FR2 RRC re- establishment	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.3.2.1.2	NR SA FR2 - FR2 RRC re-establishment	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.3.2.1.3	NR SA FR2 RRC re- establishment without serving cell timing	Rel-15	C006	UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
7.3.2.2	Random access						
7.3.2.2.1	NR SA FR2 contention based random access	Rel-15	C006	UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
7.3.2.2.2	NR SA FR2 non- contention based random access	Rel-15	C006	UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	Subtest 2: F007

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			Gillena
	NR SA FR2 2-step non- contention based random access	Rel-16	C160	UEs supporting 5GS NR SA FR2 and 2-step RACH	NOTE 1	2Rx	
7.3.2.3	RRC connection release with redirection						
7.3.2.3.1	NR SA FR2-FR2 RRC connection release with redirection	FFS	FFS	FFS		2Rx	
7.3.3	Conditional Handover						
7.3.3.1	NR SA FR2 conditional handover	Rel-16	C106	UEs supporting 5GS NR SA FR2 and conditional handover		2Rx	
7.3.3.2	NR SA FR2-FR2 conditional handover	Rel-16	C106	UEs supporting 5GS NR SA FR2 and conditional handover	NOTE 1	2Rx	
7.4	Timing						
7.4.1	UE transmit timing	<b>D</b> · · · =	0.000				0.1.1
7.4.1.1	NR SA FR2 UE transmit timing accuracy	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	Subtest 2: F008
7.4.2	UE timer accuracy						
7.4.3	Timing advance						
7.4.3.1	NR SA FR2 timing advance adjustment accuracy	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.5	Signalling characteristics						
7.5.1	Radio Link Monitoring						
7.5.1.1	Radio Link Monitoring Out-of-sync Test for FR2 PCell configured with SSBbased RLM RS in non-DRX mode	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.5.1.2	Radio Link Monitoring In- sync Test for FR2 PCell configured with SSB- based RLM RS in non- DRX mode	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.5.1.3	Radio Link Monitoring Out-of-sync Test for FR2 PCell configured with SSBbased RLM RS in DRX mode	Rel-15	C006a	UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
7.5.1.4	Radio Link Monitoring In- sync Test for FR2 PCell configured with SSB- based RLM RS in DRX mode	Rel-15	C006a	UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
7.5.1.5	NR SA FR2 Radio Link Monitoring Out-of-sync Test for PCell configured with CSI-RS-based RLM RS in non-DRX mode	Rel-15	C164	UEs supporting 5GS NR SA FR2 and CSI- RS based RLM	NOTE 1	2Rx	
7.5.1.6	NR SA FR2 Radio Link Monitoring In-sync Test for FR2 PCell configured with CSI-RS-based RLM in non-DRX mode	Rel-15	C164	UEs supporting 5GS NR SA FR2 and CSI- RS based RLM	NOTE 1	2Rx	
7.5.1.7	NR SA FR2 Radio Link Monitoring Out-of-sync Test for FR2 PCell configured with CSI-RS- based RLM RS in DRX mode	Rel-15	C165	UEs supporting 5GS NR SA FR2 and CSI- RS based RLM and log DRX cycle		2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection
			Condition	Comment	_		Criteria
7.5.1.8	NR SA FR2 Radio Link Monitoring In-sync Test for FR2 PCell configured with CSI-RS-based RLM in DRX mode	Rel-15	C165	UEs supporting 5GS NR SA FR2 and CSI- RS based RLM and log DRX cycle		2Rx	
7.5.1.9	NR SA FR2 radio link monitoring UE scheduling restrictions	Rel-15	C006n	UEs supporting 5GS NR SA FR2 and PDCCH monitoring in any symbol of the slot (with or without span gap)	NOTE 1	2Rx	
7.5.2	Interruption						
7.5.2.1	NR SA FR2 interruptions during measurements on deactivated NR SCC	Rel-15	C006b	UEs supporting 5GS NR SA FR2 and 2DL CA in NR		2Rx	
7.5.3	Scell activation and deactivation delay						
7.5.3.1	NR SA FR2-FR2 intra- band SCell activation and deactivation delay	FFS	FFS	FFS	NOTE 1	2Rx	
7.5.3.2	NR SA FR1-FR2 inter- band SCell activation and deactivation delay	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.5.3.3	SCell Activation and deactivation for SCell in FR2 inter-band in non- DRX	Rel-17	C031c	UEs supporting 5GS NR SA FR2 and 2DL CA in NR		2Rx	
7.5.3.4	NR SA FR2 direct SCell activation at SCell addition of known SCell	Rel-16	C241	UEs supporting 5GS NR SA FR2 and 2DL CA in NR and direct SCell activation		2Rx	
7.5.3.5	NR SA FR2 direct SCell activation at handover with known SCell	Rel-16	C241	UEs supporting 5GS NR SA FR2 and 2DL CA in NR and direct SCell activation		2Rx	
7.5.3.13	NR SA FR2 SCell Activation for SCell in FR2 intra-band in non- DRX	Rel-17	C271	UEs supporting 5GS NR SA intra-band FR2 and 2DL CA in NR and fast SCell activation		2Rx	
7.5.3.14	NR SA FR2 SCell Activation for known SCell in FR2 inter-band	Rel-17	C271a	UEs supporting 5GS NR SA inter-band FR2 and 2DL CA in NR and fast SCell activation	NOTE 1	2Rx	
7.5.5	Beam failure detection and link recovery procedures						
7.5.5.1	NR SA FR2 SSB-based beam failure detection and link recovery in non- DRX	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.5.5.2	NR SA FR2 SSB-based beam failure detection and link recovery in DRX	Rel-15	C006a	UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
7.5.5.3	NR SA FR2 CSI-RS- based beam failure detection and link recovery in non-DRX	Rel-15	C164	UEs supporting 5GS NR SA FR2 and CSI- RS based RLM		2Rx	
7.5.5.4	NR SA FR2 CSI-RS- based beam failure detection and link recovery in DRX	Rel-15	C165	UEs supporting 5GS NR SA FR2, long DRX cycle and CSI-RS based RLM		2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment	-		ernona
7.5.5.5	NR SA FR2 scheduling availability restriction during SSB-based beam failure detection and link recovery in non-DRX	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.5.5.6	NR SA FR2 Scell CSI- RS-based beam failure detection and link recovery in non-DRX	Rel-16	C147	UEs supporting 5GS NR SA FR2 and CSI- RS based BFR on Scell		2Rx	
7.5.5.7	NR SA FR2 Scell CSI- RS-based beam failure detection and link recovery in DRX	Rel-16	C148	UEs supporting 5GS NR SA FR2 and long DRX cycle and CSI-RS based BFR on Scell		2Rx	
7.5.5.9	NR SA FR2 SCell TRP specific CSI-RS-based Beam Failure Detection and Link Recovery in DRX	Rel-17	C148a	UEs supporting 5GS NR TRP specific SA FR2 and long DRX cycle and CSI-RS based BFR on Scell		2Rx	
7.5.5.10	NR SA FR2 PCell TRP specific SSB-based Beam Failure Detection and Link Recovery in non-DRX	Rel-17	C006x	UEs supporting 5GS NR TRP specific SA FR2 SSB based BFR		2Rx	
7.5.6	Active BWP switch delay						
7.5.6.1	Intra-frequency measurements						
7.5.6.1.1		FFS	FFS	FFS	NOTE 1	2Rx	
7.5.6.1.2	NR SA FR1-FR2 DCI- based DL active BWP switch in non-DRX	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.5.6.1.3	DL active BWP switch in non-DRX	Rel-15	C006	UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
7.5.6.2	RRC-based active BWP switch						
7.5.6.2.1	NR SA FR2 RRC-based DL active BWP switch in non-DRX	FFS	FFS	FFS	NOTE 1	2Rx	
7.5.7	PSCell addition and release delay						
7.5.7.1	NR SA FR2 addition and release delay of known PSCell	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.5.7.2	NR SA FR2 addition and release delay of unknown PSCell	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.5.8	Active TCI state switch delay						
7.5.8.1	NR SA FR2 MAC-CE based active TCI state switch						
7.5.8.1.1	NR SA PCell FR2 MAC- CE based active TCI state switch for a known TCI state	Rel-15	C006m	UEs supporting 5GS NR SA FR2, maximum number of active TCI states per BWP greater than 1, and maximum number of simultaneously trackable TRS resource sets per CC greater than 1		2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment	-		
7.5.8.2	NR SA FR2 RRC based active TCI state switch						
7.5.8.2.1	NR SA Pcell FR2 RRC based active TCI state switch for a known TCI state	Rel-15	C006m	UEs supporting 5GS NR SA FR2, maximum number of active TCI states per BWP greater than 1, and maximum number of simultaneously trackable TRS resource sets per CC greater than 1		2Rx	
7.5.8.3	MAC-CE based active TCI state switch for HST FR2 scenario						
7.5.8.3.1	NR PCell FR2 HST active TCI state switch for a known TCI state	Rel-17	C240a	UEs supporting 5GS NR SA FR2 and one- shot large UL timing adjustment.in HST	NOTE 1	2Rx	
7.5.11	UE UL carrier RRC reconfiguration delay						
7.5.11.1	UE UL carrier RRC reconfiguration delay	Rel-17	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.5.12	Conditional PSCell addition and release delay						
7.5.12.1	Addition and Release Delay of PSCell	Rel-17	C268b	UEs supporting Inter- band NR-DC between FR1 and FR2 and conditional PSCell addition in NR-DC			
7.5.13	Unified TCI state switch delay						
7.5.13.1	NR SA FR2 MAC-CE based active joint TCI state switch	Rel-17	C281	UEs supporting 5GS NR SA FR2, and unified TCI state operation with joint DL/UL TCI update for intra-cell beam management	NOTE 1	2Rx	
7.5.13.2	NR SA FR2 MAC-CE based active uplink TCI state switch	Rel-17	C282	UEs supporting 5GS NR SA FR2, and unified TCI state operation with separate DL/UL TCI update for intra-cell beam management	NOTE 1	2Rx	
7.5.13.3	NR SA FR2 MAC-CE based active downlink TCI state switch	Rel-17	C283	UEs supporting 5GS NR SA FR2, and supporting RRC configuration of additional PCI different from serving cell associated with the TCI state and/or QCL- info, and unified TCI with separate DL/UL TCI update for inter- cell beam management	NOTE 1	2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment	-		Onterna
7.5.14	NR SA FR2 PSCell RACH-less based Activation and deactivation for FR1+FR2 inter-band with target PSCell in FR2	Rel-17	C284	UEs supporting Inter- band NR-DC between FR1 and FR2 and activation and deactivation on SCG in NR-DC			
7.6	Measurement procedures						
7.6.1	Intra-frequency measurements						
7.6.1.1	NR SA FR2 event- triggered reporting without gap in non-DRX	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.6.1.2	NR SA FR2 event- triggered reporting without gap in DRX	Rel-15	C006a	UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
7.6.1.3	NR SA FR2 event- triggered reporting with gap in non-DRX	Rel-15	C166	UEs supporting 5GS NR SA FR2, CSI-RS- based RLM and BWP operation without bandwidth restriction		2Rx	
7.6.1.4	NR SA FR2 event- triggered reporting with gap in DRX	Rel-15	C167	UEs supporting 5GS NR SA FR2 long DRX cycle, CSI-RS-based RLM and BWP operation without bandwidth restriction		2Rx	
7.6.1.5	NR SA FR2 event- triggered reporting without gap in non-DRX for UE configured with highSpeedMeasFlagFR2- r17	Rel-17	C240	UEs supporting 5GS NR SA FR2 and intra- frequency measurements in HST	NOTE 1	2Rx	
7.6.2	Inter-frequency measurements						
7.6.2.1	NR SA FR2-FR2 event- triggered reporting in non-DRX	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.6.2.2	NR SA FR2-FR2 event- triggered reporting in DRX	Rel-15	C006a	UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
7.6.2.3	NR SA FR2-FR2 event- triggered reporting in non-DRX with SSB time index detection	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.6.2.4	NR SA FR2-FR2 event- triggered reporting in DRX with SSB time index detection	Rel-15	C006a	UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
7.6.2.5	NR SA FR1-FR2 event- triggered reporting in non-DRX	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.6.2.6	NR SA FR1-FR2 event- triggered reporting in DRX	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.6.2.7	NR SA FR1-FR2 event- triggered reporting in non-DRX with SSB time index detection	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.6.2.8	NR SA FR1-FR2 event- triggered reporting in DRX with SSB time index detection	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			Criteria
7.6.3	L1-RSRP for beam						
7.6.3.1	reporting NR SA FR2 SSB-based L1-RSRP measurement in non-DRX	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.6.3.2	NR SA FR2 SSB-based L1-RSRP measurement in DRX	Rel-15	C006a	UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
7.6.3.3	NR SA FR2 CSI-RS- based L1-RSRP measurement in non- DRX	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.6.3.4	NR SA FR2 CSI-RS- based L1-RSRP measurement in DRX	Rel-15	C006a	UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
7.6.3.6	NR SA FR2 Inter-cell SSB based L1-RSRP measurements on FR2 SCell when DRX is not used	Rel-17	С006р	UEs supporting 5GS NR SA FR2 and Inter- band CA (2UL CA)		2Rx	
7.6.3.5	NR SA FR2 SSB based L1-RSRP measurement test when DRX is used for power class 6 UE configured with highSpeedMeasFlagFR2- r17	Rel-17	C240	power class 6 UEs supporting 5GS NR SA FR2 configured and HST intra-frequency measurements	NOTE 1	2Rx	
7.6.4.1	NR SA FR2 SRS-RSRP measurement in non- DRX	Rel-16	C006I	UEs supporting 5GS NR SA FR2 and SRS- RSRP measurements		2Rx	
7.6.6	L1-SINR measurement for beam reporting						
7.6.6.1	NR SA FR2 CSI-RS based CMR and no dedicated IMR L1-SINR measurement in non- DRX	Rel-16	C144a	UEs supporting 5GS NR SA FR2 and L1- SINR measurement based on CSI-RS as CMR without dedicated IMR configured		2Rx 4Rx	
7.6.6.2	NR SA FR2 SSB based CMR and dedicated IMR L1-SINR measurement in DRX	Rel-16	C145a	UEs supporting 5GS NR SA FR2 and long DRX cycle and L1- SINR measurement based on SSB as CMR and dedicated CSI-IM as IMR		2Rx 4Rx	
7.6.6.3	NR SA FR2 CSI-RS based CMR and dedicated IMR L1-SINR measurement in DRX	Rel-16	C146a	UEs supporting 5GS NR SA FR2 and long DRX cycle and L1- SINR measurement based on CSI-RS as CMR and dedicated CSI-RS as IMR		2Rx 4Rx	
7.6.13	UE Rx-Tx time difference measurements for PDC						
7.6.13.1	NR SA FR2 UE Rx-Tx time difference measurement for propagation delay compensation using PRS	Rel-17	C212	UEs supporting 5GS NR SA FR2 and RTT- based PDC for Rx-Tx measurement with PRS		2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			••••••
7.6.13.2	NR SA FR2 UE Rx-Tx time difference measurement for propagation delay compensation using TRS	Rel-17	C213	UEs supporting 5GS NR SA FR2 and RTT- based PDC for Rx-Tx measurement with TRS	NOTE 1	2Rx	
7.6.14	SA event triggered reporting tests with Pre-MG						
7.6.14.1	NR SA FR2 Intra- frequency measurement test with SA event triggered reporting tests: with autonomous activation/deactivation of Pre-MG in FR2	Rel-17	C290	UEs supporting 5GS NR SA FR2, BWP adaptation of at least 2 BWPs, BWP operation without bandwidth restriction, DCI and timer-based active BWP switching delay Type1 or Type2, CSI- RS-based RLM and preconfiguredUE- AutonomousMeasGap- r17	NOTE 1	2RX	
7.6.14.2	NR SA FR2 Intra- frequency measurement test with SA event triggered reporting tests: with network-controlled activation/deactivation of Pre-MG in FR2	Rel-17	C291	UEs supporting 5GS NR SA FR2, BWP adaptation of at least 2 BWPs, BWP operation without bandwidth restriction, DCI and timer-based active BWP switching delay Type1 or Type2, CSI- RS-based RLM and preconfiguredNW- ControlledMeasGap- r17	NOTE 1	2RX	
7.6.15	SA event triggered reporting tests with concurrent gaps						
7.6.15.1	NR SA FR2 event triggered reporting tests For FR2 with fully non- overlapping concurrent MGs for SSB-based inter-frequency measurements	Rel-17	C292	UEs supporting 5GS NR SA FR2 and more than 1 per-UE measurement gap configurations	NOTE 1	2RX	
7.6.15.2	NR SA FR2 event triggered reporting tests For FR2 with concurrent measurement gaps without SSB time index detection when DRX is not used (PCell in FR2)	Rel-17	C292	UEs supporting 5GS NR SA FR2 and more than 1 per-UE measurement gap configurations	NOTE 1	2RX	
7.6.15.3	NR SA FR2 event triggered reporting tests for FR2 concurrent gap with partially overlapping scenario for SSB-based measurements and PRS- based measurement	Rel-17	C293	UEs supporting 5GS NR SA FR2 and more than 1 per-UE measurement gap configurations and two independent measurement gap configurations for FR1 and FR2 for PRS measurement	NOTE 1	2RX	
7.6.16	SA event triggered reporting tests with NCSG						

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment	-		
7.6.16.1	NR SA FR2 event triggered reporting test with per-UE NCSG under non-DRX	Rel-17	C294	UEs supporting 5GS NR SA FR2, CSI-RS- based RLM, BWP operation without bandwidth restriction, per-FR NCSG, reporting of NCSG requirement information and NR only NCSG patterns	NOTE 1	2RX	
7.6.16.2	NR SA FR2 event triggered reporting tests on inter-frequency measurement with NCSG for FR2 when DRX is not used (PCell in FR2)	Rel-17	C295	UEs supporting 5GS NR SA FR2, reporting of NCSG requirement information and NR only NCSG patterns but not supporting ncsg-MeasGapPerFR- r17	For sub-test 1 NOTE 1	2RX	
			C296	UEs supporting 5GS NR SA FR2, per-FR NCSG, reporting of NCSG requirement information and NR only NCSG patterns	For sub-test 2 NOTE 1	2RX	
7.6.16.3	NR SA FR2 Event triggered reporting test on deactivated Scell measurement via NCSG in FR2 in non-DRX	Rel-17	C297	UEs supporting 5GS NR SA FR2, CA (2DL CA), reporting of NCSG requirement information and NR only NCSG patterns	NOTE 1	2RX	
7.7	Measurement performance requirements						
7.7.1	SS-RSRP						
7.7.1.1	NR SA FR2 SS-RSRP measurement accuracy	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.7.1.2	NR SA FR2-FR2 SS- RSRP measurement accuracy	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.7.1.3	Inter-frequency measurements between FR1 and FR2						
7.7.1.3.1	NR SA FR1-FR2 SS- RSRP measurement accuracy	Rel-15	N/A	Not recommended due to FR1 – FR2 testability issue	NOTE 1	2Rx	
7.7.2	SS-RSRQ						
7.7.2.1	NR SA FR2 SS-RSRQ measurement accuracy	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.7.2.2	NR SA FR2-FR2 SS- RSRQ measurement accuracy	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.7.3	SS-SINR						
7.7.3.1	NR SA FR2 SS-SINR measurement accuracy	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.7.3.2	NR SA FR2-FR2 SS- SINR measurement accuracy	Rel-16	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.7.4	L1-RSRP for beam						
7.7.4.1	reporting NR SA FR2 SSB based L1-RSRP measurement accuracy	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	

Clause	TC Title	Release			Additional Information	Branch	Test Selection Criteria
			Condition	Comment			
7.7.4.2	NR SA FR2 CSI-RS based L1-RSRP measurement accuracy	Rel-15	C006	UEs supporting 5GS NR SA FR2		2Rx	
7.7.5							
7.7.5.1	NR SA FR2 SRS-RSRP measurement accuracy	Rel-16	C006I	UEs supporting 5GS NR SA FR2 and SRS- RSRP measurements		2Rx	
7.7.6	L1-SINR						
7.7.6.1	NR SA FR2 CSI-RS based CMR and no dedicated IMR configured and CSI-RS resource set with repetition off L1- SINR measurement accuracy	Rel-16	C138	UEs supporting 5GS NR SA FR2 and L1- SINR-measurement based on CSI-RS as CMR without dedicated IMR configured		2Rx	
7.7.6.2	NR SA FR2 SSB based CMR and dedicated IMR L1-SINR measurement accuracy	Rel-16	C139	UEs supporting 5GS NR SA FR2 and L1- SINR-measurement based on SSB as CMR and dedicated CSI-IM as IMR		2Rx	
7.7.6.3	NR SA FR2 CSI-RS based CMR and dedicated IMR L1-SINR measurement accuracy	Rel-16	C140	UEs supporting 5GS NR SA FR2 and L1- SINR-measurement based on CSI-RS as CMR and dedicated CSI-IM as IMR		2Rx	
	The test case/branch is inc configurations already. NO at least one Band / CA/DC case/branch. Detailed com 38.533.	TE 1 can l Configura	be removed tion for at lea	CA/DC Configuration but only when the test case/t ast one feature included i	pranch is comp in the test	olete for	
NOTE 2: NOTE 3: NOTE 4:					For FR2 Red	Сар	

## Table 4.2-4a: Void

Clause	TC Title	Releas e	Applicability		Additional Informatio n	Branc h	Subtest Selectio n Criteria
			Conditio n	Comment			
8.2	RRC_IDLE state mobility						
8.2.1	Inter-RAT cell re- selection						
8.2.1.1	E-UTRA – NR FR1 cell re-selection to higher priority NR target cell	Rel-15	C025	UEs supporting 5GS NR SA FR1 and E-UTRA		2Rx 4Rx	

## Table 4.2-5: Applicability of E-UTRA – NR Inter-RAT conformance test cases, ref. TS 38.533 [5]

Clause	TC Title	Releas e			Additional Informatio n	Branc h	Subtest Selectio n Criteria
			Conditio n	Comment			
8.2.1.2	E-UTRA – NR FR1 Cell reselection to lower priority NR target Cell in FR1 for UE configured with highSpeedInterRAT -NR-r16	Rel-16	C025d	UEs supporting 5GS NR SA FR1 and E-UTRAN and NR inter-RAT measurement enhancement in HST		2Rx 4Rx	
8.2.2	E-UTRA - NR Inter- RAT Early Measurement Reporting						
8.2.2.1	E-UTRA – NR FR1 Early Measurement Reporting	Rel-16	C025f	UEs supporting 5GS NR SA FR1 and E-UTRA and NR FR1 SSB measurements in RRC_IDLE/RRC_INACTIV E	NOTE 1	2Rx 4Rx	
8.2.2.2	E-UTRA – NR FR2 Early Measurement Reporting	Rel-16	N/A	not recommended due to E-UTRA/FR1 – FR2 testability issue	NOTE 1	2Rx 4Rx	
8.3	RRC_CONNECTE D state mobility						
8.3.1	Inter-RAT cell handover						
8.3.1.1	E-UTRA – NR FR1 handover with known target cell	Rel-15	C025	UEs supporting 5GS NR SA FR1 and E-UTRA		2Rx 4Rx	

Clause	TC Title			Additional Informatio n	Branc h	Subtest Selectio n Criteria	
			Conditio n	Comment	-		Criteria
8.4	Measurement procedures						
8.4.1	SFTD measurement delay						
8.4.1.1	E-UTRA – NR FR1 SFTD measurement delay in non-DRX	Rel-15	C081	UEs supporting EN-DC and E-UTRA and SFTD measurements between E- UTRA Pcell and NR neighbour cell		2Rx 4Rx	
8.4.1.2	E-UTRA – NR FR1 SFTD measurement delay in DRX	Rel-15	C081a	UEs supporting EN-DC and E-UTRA and long DRX cycle and SFTD measurements between E- UTRA Pcell and NR neighbour cell		2Rx 4Rx	
8.4.2	Inter-RAT measurements						
8.4.2.1	E-UTRA event- triggered reporting of a NR FR1 neighbour cell without SSB time index detection in non-DRX	Rel-15	C086	UEs supporting E-UTRA and NR FR1 measurement		2Rx 4Rx	Subtest 2: F018
8.4.2.2	E-UTRA event- triggered reporting of a NR FR1 neighbour cell without SSB time index detection in DRX	Rel-15	C086a	UEs supporting E-UTRA and NR FR1 measurement and long DRX cycle		2Rx 4Rx	Subtests 3,4: F019
8.4.2.3	E-UTRA event- triggered reporting of a NR FR1 neighbour cell with SSB time index detection in non- DRX	Rel-15	C086	UEs supporting E-UTRA and NR FR1 measurement		2Rx 4Rx	Subtest 2: F018
8.4.2.4	E-UTRA event- triggered reporting of a NR FR1 neighbour cell with SSB time index detection in DRX	Rel-15	C086a	UEs supporting E-UTRA and NR FR1 measurement and long DRX cycle		2Rx 4Rx	Subtests 3,4: F019
8.4.2.5	E-UTRA event- triggered reporting of a NR FR2 neighbour cell without SSB time index detection in non-DRX	Rel-15	N/A	not recommended due to E-UTRA – FR2 testability issue		2Rx	
8.4.2.6	E-UTRA event- triggered reporting of a NR FR2 neighbour cell without SSB time index detection in DRX	Rel-15	N/A	not recommended due to E-UTRA – FR2 testability issue		2Rx	

Clause	TC Title	TC Title Releas e		Applicability	Additional Informatio n	Branc h	Subtest Selectio n
			Conditio n	Comment	-		Criteria
8.4.2.7	E-UTRA event- triggered reporting of a NR FR2 neighbour cell with SSB time index detection in non- DRX	Rel-15	N/A	not recommended due to E-UTRA – FR2 testability issue		2Rx	
8.4.2.8	E-UTRA event- triggered reporting of a NR FR2 neighbour cell with SSB time index detection in DRX	Rel-15	N/A	not recommended due to E-UTRA – FR2 testability issue		2Rx	
8.4.2.9	E-UTRA event triggered reporting of a NR FR1 neighbour cell with SSB time index detection in DRX for UE configured with highSpeedInterRAT -NR-r16	Rel-16	C025e	UEs supporting 5GS NR SA FR1 and E-UTRAN, long DRX cycle and NR inter-RAT measurement enhancement in HST		2Rx 4Rx	
8.5	Measurement performance requirements						
8.5.1	SFTD measurement accuracy						
8.5.1.1	E-UTRA – NR FR1 SFTD measurement accuracy	Rel-15	C081	UEs supporting EN-DC and E-UTRA and SFTD measurements between E- UTRA Pcell and NR neighbour cell	NOTE 1	2Rx 4Rx	
8.5.2	Inter-RAT						
8.5.2.1	SS-RSRP						
8.5.2.1.1. 1	E-UTRA SS-RSRP absolute measurement accuracy of a NR FR1 neighbour cell	Rel-15	C086	UEs supporting E-UTRA and NR FR1 measurement		2Rx 4Rx	
8.5.2.1.2	E-UTRA SS-RSRP absolute measurement accuracy of a NR FR2 neighbour cell	Rel-15	C080	UEs supporting E-UTRA and NR FR2 measurement		2Rx	
8.5.2.2	SS-RSRQ						
8.5.2.2.1	E-UTRA SS-RSRQ absolute measurement accuracy of a NR FR1 neighbour cell	Rel-15	C086	UEs supporting E-UTRA and NR FR1 measurement		2Rx 4Rx	
8.5.2.2.2	E-UTRA SS-RSRQ absolute measurement accuracy of a NR FR2 neighbour cell	Rel-15	C080	UEs supporting E-UTRA and NR FR2 measurement		2Rx	
8.5.2.3.1	SS-SINR E-UTRA SS-SINR	Rel-15	C086	UEs supporting E-UTRA		2Rx	
0.0.2.3.1	absolute measurement accuracy of a NR FR1 neighbour cell	1761-13		and NR FR1 measurement		4Rx	

Clause	TC Title	Releas e			Additional Informatio n	Branc h	Subtest Selectio n Criteria	
			Conditio	Comment				
8.5.2.3.2	E-UTRA SS-SINR absolute measurement accuracy of a NR FR2 neighbour cell	Rel-15	C080	UEs supporting E-UTRA and NR FR2 measurement		2Rx		

Clause	TC Title	Release		Applicability	Additional Information	Branch
			Condition	Comment		
9.1.1	UE transmit timing					
9.1.1.1	NR SA FR1 UE transmit timing accuracy for GNSS as synchronization reference source	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	NOTE 1	2Rx
9.1.1.2	NR SA FR1 UE transmit timing accuracy for SyncRef UE as synchronization reference source	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	NOTE 1	2Rx
9.1.1.3	NR SA FR1 UE transmit timing accuracy for FR1 NR cell as synchronization reference source	Rel-16	C079a	UE supporting 5GS FR1 and NR Uu and NR sidelink.	NOTE 1	2Rx
9.1.2	Initiation/Cease of S-SSB transmission					
9.1.2.1	NR SA FR1 initiation/cease of S- SSB transmission for FR1 NR cell as synchronization reference source	Rel-16	C079a	UE supporting 5GS FR1 and NR Uu and NR sidelink.	NOTE 1	2Rx
9.1.2.2	NR SA FR1 initiation/cease of S- SSB transmission for SyncRef UE as synchronization reference source	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	NOTE 1	2Rx
9.1.3	Synchronization reference selection/reselection					
9.1.3.1	NR SA FR1 synchronization reference selection/reselection for GNSS configured as the highest priority synchronization reference source	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	NOTE 1	2Rx
9.1.3.2	NR SA FR1 synchronization reference selection/reselection for FR1 NR Cell configured as the highest priority synchronization reference source	Rel-16	C079a	UE supporting 5GS FR1 and NR Uu and NR sidelink.	NOTE 1	2Rx
9.1.4	L1 SL-RSRP measurements					
9.1.4.1	NR SA FR1 L1 SL-RSRP measurement for autonomous resource selection/reselection	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	NOTE 1	2Rx
9.1.4.2	NR SA FR1 L1 SL-RSRP measurement for resource pre- emption	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	NOTE 1	2Rx
9.1.4.3	NR SA FR1 L1 SL-RSRP measurement for resource re- evaluation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	NOTE 1	2Rx
9.1.5	Congestion control					
9.1.5.1	measurement NR SA FR1 congestion control measurement for concurrent operation	Rel-16	C079a	UE supporting 5GS FR1 and NR Uu and NR sidelink.	NOTE 1	2Rx
9.1.5.2	NR SA FR1 congestion control measurement for PC5-only operation	Rel-16	C079	UEs supporting 5GS FR1 and NR sidelink	NOTE 1	2Rx
9.1.6	Interruption					
9.1.6.1	NR SA FR1 interruption to WAN due to NR sidelink communication	Rel-16	C079a	UE supporting 5GS FR1 and NR Uu and NR sidelink.	NOTE 1	2Rx
NOTE 1:	The test case/branch is incomplet already. NOTE 1 can be removed Configuration for at least one feat found in the corresponding test ca	only when ure include	the test cas d in the test	e/branch is complete for	at least one Ban	d / CA/DC

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Table 4.2-7: Applicability of RRM NR SA FR1 conformance test cases for RedCap, ref. TS 38.533 [5]

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment	-		Onterna
16.1	RRC_IDLE state						
40.4.4	mobility for RedCap						
16.1.1	NR cell re-selection	D-147	0400			4.0	
16.1.1.1	NR SA FR1 Cell reselection to FR1 intra- frequency NR case for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.1.1.2	NR SA FR1 Cell reselection to FR1 intra- frequency NR case for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.1.1.3	NR SA FR1-FR1 Cell reselection to FR1 inter- frequency NR case for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.1.1.4	NR SA FR1-FR1 Cell reselection to FR1 inter- frequency NR case for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.1.1.5	NR SA FR1 Cell reselection to FR1 intra- frequency NR case for UE fulfilling stationary relaxed measurement criterion for 1 Rx UE	Rel-17	C208	1Rx RedCap UEs supporting 5GS NR SA FR1 and relaxed RRM measurements		1Rx	
16.1.1.6	NR SA FR1 Cell reselection to FR1 intra- frequency NR case for UE fulfilling stationary relaxed measurement criterion for 2 Rx UE	Rel-17	C209	2Rx RedCap UEs supporting 5GS NR SA FR1 and relaxed RRM measurements		2Rx	
16.1.1.7	NR SA FR1-FR1 Cell reselection to FR1 inter- frequency NR case for UE fulfilling stationary relaxed measurement criterion for 1 Rx UE	Rel-17	C208	1Rx RedCap UEs supporting 5GS NR SA FR1 and relaxed RRM measurements		1Rx	
16.1.1.8	NR SA FR1-FR1 Cell reselection to FR1 inter- frequency NR case for UE fulfilling stationary relaxed measurement criterion for 2 Rx UE	Rel-17	C209	2Rx RedCap UEs supporting 5GS NR SA FR1 and relaxed RRM measurements		2Rx	
16.1.2	NR - E-UTRA cell re- selection						
16.1.2.1	NR SA FR1 - E-UTRA Cell reselection to higher priority E-UTRA for 1RX	Rel-17	C181	1Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		1Rx	
16.1.2.2	NR SA FR1 - E-UTRA Cell reselection to higher priority E-UTRA for 2RX	Rel-17	C182	2Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		2Rx	
16.1.2.3	NR SA FR1 - E-UTRA Cell reselection to lower priority E-UTRA for 1RX	Rel-17	C181	1Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		1Rx	
16.1.2.4	NR SA FR1 - E-UTRA Cell reselection to lower priority E-UTRA for 2RX	Rel-17	C182	2Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		2Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection
			Condition	Comment	_		Criteria
16.1.2.5	NR SA FR1 - E-UTRA Cell reselection to lower priority E-UTRA for UE fulfilling stationary relaxed measurement criterion for 1 Rx UE	Rel-17	C210	1Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA and relaxed RRM measurements		1Rx	
16.1.2.6	NR SA FR1 - E-UTRA Cell reselection to lower priority E-UTRA for UE fulfilling stationary relaxed measurement criterion for 2 Rx UE	Rel-17	C211	2Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA and relaxed RRM measurements		2Rx	
16.2	RRC_INACTIVE state mobility for RedCap						
16.2.1	Configured Grant based Small Data Transmissions for RedCap						
16.2.1.1	NR SA FR1 CG-SDT for 1Rx UE	Rel-17	C300	1Rx RedCap UEs supporting 5GS NR SA FR1, CG-based small data transmission and long DRX cycle		1Rx	
16.2.1.2	NR SA FR1 CG-SDT for 2Rx UE	Rel-17	C301	2Rx RedCap UEs supporting 5GS NR SA FR1, CG-based small data transmission and long DRX cycle		2Rx	
16.3	RRC_CONNECTED state mobility for RedCap						
16.3.1	Handover for RedCap						
16.3.1.1	NR SA FR1 Intra- frequency handover from FR1 to FR1 with known target cell for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.3.1.2	NR SA FR1 Intra- frequency handover from FR1 to FR1 with known target cell for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.3.1.3	NR SA FR1 Intra- frequency handover from FR1 to FR1 with unknown target cell for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.3.1.4	NR SA FR1 Intra- frequency handover from FR1 to FR1 with unknown target cell for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.3.1.5	NR SA FR1-FR1 Inter- frequency handover from FR1 to FR1 with unknown target cell for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.3.1.6	NR SA FR1-FR1 Inter- frequency handover from FR1 to FR1 with unknown target cell for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.3.1.7	NR - E-UTRA handover for 1Rx UE	Rel-17	C181	1Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		1Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection
			Condition	Comment	_		Criteria
16.3.1.8	NR - E-UTRA handover for 2Rx UE	Rel-17	C182	2Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		2Rx	
16.3.1.9	NR - E-UTRA handover with unknown target cell for 1 Rx UE	Rel-17	C181	1Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		1Rx	
16.3.1.10	NR - E-UTRA handover with unknown target cell for 2 Rx UE	Rel-17	C182	2Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		2Rx	
16.3.2	RRC connection mobility control for RedCap						
16.3.2.1	RRC re-establishment for RedCap						
16.3.2.1.1	NR SA FR1 Intra- frequency RRC Re- establishment in FR1 for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.3.2.1.2	NR SA FR1 Intra- frequency RRC Re- establishment in FR1 for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.3.2.1.3	NR SA FR1-FR1 Inter- frequency RRC Re- establishment in FR1 for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.3.2.1.4	NR SA FR1-FR1 Inter- frequency RRC Re- establishment in FR1 for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.3.2.1.5	NR SA FR1 Intra- frequency RRC Re- establishment in FR1 for 1 Rx UE without serving cell timing	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.3.2.1.6	NR SA FR1 Intra- frequency RRC Re- establishment in FR1 for 2 Rx UE without serving cell timing	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.3.2.2	Random access for RedCap						
16.3.2.2.1	NR SA FR1 4-step RA type contention based random access test in FR1 for NR standalone for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.3.2.2.2	NR SA FR1 4-step RA type contention based random access test in FR1 for NR standalone for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.3.2.2.3	NR SA FR1 4-step RA type non-contention based random access test in FR1 for NR standalone for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	Subtest 2: F009

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection
			Condition	Comment			Criteria
16.3.2.2.4	NR SA FR1 4-step RA type non-contention based random access test in FR1 for NR standalone for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	Subtest 2: F010
	NR SA FR1 2-step RA type contention based random access test in FR1 for NR standalone for 1 Rx UE	Rel-17	C187	1Rx RedCap UEs supporting 5GS NR SA FR1 and 2-step RACH		1Rx	
16.3.2.2.6	NR SA FR1 2-step RA type contention based random access test in FR1 for NR standalone for 2 Rx UE	Rel-17	C188	2Rx RedCap UEs supporting 5GS NR SA FR1 and 2-step RACH		2Rx	
16.3.2.2.7	NR SA FR1 2-step RA type non-contention based test in FR1 for NR standalone for 1 RX UE	Rel-17	C187	1Rx RedCap UEs supporting 5GS NR SA FR1 and 2-step RACH		1Rx	
16.3.2.2.8	NR SA FR1 2-step RA type non-contention based test in FR1 for NR standalone for 2 RX UE	Rel-17	C188	2Rx RedCap UEs supporting 5GS NR SA FR1 and 2-step RACH		2Rx	
16.3.2.3	RRC connection release with redirection for RedCap						
16.3.2.3.1	NR SA FR1-FR1 Redirection from NR in FR1 to NR in FR1 for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.3.2.3.2	NR SA FR1-FR1 Redirection from NR in FR1 to NR in FR1 for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.3.2.3.3	NR SA FR1-FR1 Redirection from NR in FR1 to E-UTRAN for 1 Rx UE	Rel-17	C181	1Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		1Rx	
16.3.2.3.4	NR SA FR1-FR1 Redirection from NR in FR1 to E-UTRAN for 2 Rx UE	Rel-17	C182	2Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		2Rx	
16.4	Timing for RedCap						
16.4.1	UE transmit timing for RedCap						
16.4.1.1	NR SA FR1 NR UE Transmit Timing Test for FR1 for 1Rx RedCap UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	Subtest 2: F011
16.4.1.2	NR SA FR1 NR UE Transmit Timing Test for FR1 for 2Rx RedCap UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	Subtest 2: F012
16.4.2	UE timer accuracy for RedCap						
16.4.3	Timing advance for RedCap						
16.4.3.1	NR SA FR1 SA FR1 timing advance adjustment accuracy for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.4.3.2	NR SA FR1 SA FR1 timing advance adjustment accuracy for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment	_		ernona
16.5	Signalling characteristics for RedCap						
16.5.1	Radio Link Monitoring for RedCap						
16.5.1.1	NR SA FR1 Radio Link Monitoring Out-of-sync Test for FR1 PCell configured with SSB- based RLM RS in non- DRX mode for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.5.1.2	NR SA FR1 Radio Link Monitoring Out-of-sync Test for FR1 PCell configured with SSB- based RLM RS in non- DRX mode for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.5.1.3	NR SA FR1 Radio Link Monitoring In-sync Test for FR1 PCell configured with SSB-based RLM RS in non-DRX mode for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.5.1.4	NR SA FR1 Radio Link Monitoring In-sync Test for FR1 PCell configured with SSB-based RLM RS in non-DRX mode for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.5.1.5	NR SA FR1 Radio Link Monitoring Out-of-sync Test for FR1 PCell configured with SSB- based RLM RS in DRX mode for 1 Rx UE	Rel-17	C188	1Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		1Rx	
16.5.1.6	NR SA FR1 Radio Link Monitoring Out-of-sync Test for FR1 PCell configured with SSB- based RLM RS in DRX mode for 2 Rx UE	Rel-17	C190	2Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		2Rx	
16.5.1.7	NR SA FR1 Radio Link Monitoring In-sync Test for FR1 PCell configured with SSB-based RLM RS in DRX mode for 1 Rx UE	Rel-17	C188	1Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		1Rx	
16.5.1.8	NR SA FR1 Radio Link Monitoring In-sync Test for FR1 PCell configured with SSB-based RLM RS in DRX mode for 2 Rx UE	Rel-17	C190	2Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		2Rx	
16.5.1.9	NR SA FR1 Radio Link Monitoring Out-of-sync Test for FR1 PCell configured with CSI-RS- based RLM in non-DRX mode for 1 Rx UE	Rel-17	C214	1Rx RedCap UEs supporting 5GS NR SA FR1 and CSI- RS-based RLM		1Rx	
16.5.1.10	NR SA FR1 Radio Link Monitoring Out-of-sync Test for FR1 PCell configured with CSI-RS- based RLM in non-DRX mode for 2 Rx UE	Rel-17	C215	2Rx RedCap UEs supporting 5GS NR SA FR1 and CSI- RS-based RLM		2Rx	

Clause	TC Title	Release	A	opplicability	Additional Information	Branch	Test Selection Criteria
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16.5.1.11	NR SA FR1 Radio Link Monitoring In-sync Test for FR1 PCell configured with CSI-RS-based RLM in non-DRX mode for 1 Rx UE	Rel-17	C214	1Rx RedCap UEs supporting 5GS NR SA FR1 and CSI- RS-based RLM		1Rx	
16.5.1.12	NR SA FR1 Radio Link Monitoring In-sync Test for FR1 PCell configured with CSI-RS-based RLM in non-DRX mode for 2 Rx UE	Rel-17	C215	2Rx RedCap UEs supporting 5GS NR SA FR1 and CSI- RS-based RLM		2Rx	
16.5.1.13	NR SA FR1 Radio Link Monitoring Out-of-sync Test for FR1 PCell configured with CSI-RS- based RLM in DRX mode for 1 Rx UE	Rel-17	C216	1Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM and long DRX cycle		1Rx	
16.5.1.14	NR SA FR1 Radio Link Monitoring Out-of-sync Test for FR1 PCell configured with CSI-RS- based RLM in DRX mode for 2 Rx UE	Rel-17	C217	2Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM and long DRX cycle		2Rx	
16.5.1.15	NR SA FR1 Radio Link Monitoring In-sync Test for FR1 PCell configured with CSI-RS-based RLM in DRX mode for 1 Rx UE	Rel-17	C216	1Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM and long DRX cycle		1Rx	
16.5.1.16	NR SA FR1 Radio Link Monitoring In-sync Test for FR1 PCell configured with CSI-RS-based RLM in DRX mode for 2 Rx UE	Rel-17	C217	2Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM and long DRX cycle		2Rx	
16.5.2	Beam Failure Detection and Link recovery procedures for RedCap						
16.5.2.1	NR SA FR1 Beam Failure Detection and Link Recovery Test for FR1 PCell configured with SSB-based BFD and LR in non-DRX mode for 1 Rx UE	Rel-17	C191	1Rx RedCap UEs supporting 5GS NR SA FR1 and link recovery		1Rx	
16.5.2.2	NR SA FR1 Beam Failure Detection and Link Recovery Test for FR1 PCell configured with SSB-based BFD and LR in non-DRX mode for 2 Rx UE	Rel-17	C192	2Rx RedCap UEs supporting 5GS NR SA FR1 and link recovery		2Rx	
16.5.2.3	NR SA FR1 SSB-based beam failure detection and link recovery in DRX mode for 1 Rx UE	Rel-17	C272	1Rx RedCap UEs supporting 5GS NR SA FR1, SSB-based RLM, long DRX cycle and link recovery		1Rx	
16.5.2.4	NR SA FR1 SSB-based beam failure detection and link recovery in DRX mode for 2 Rx UE	Rel-17	C273	2Rx RedCap UEs supporting 5GS NR SA FR1, SSB-based RLM, long DRX cycle and link recovery		2Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection Criteria
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16.5.2.5	NR SA FR1 Beam Failure Detection and Link Recovery Test for FR1 PCell configured with CSI-RS-based BFD and LR in non-DRX mode for 1 Rx UE	Rel-17	C218	1Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM and link recovery		1Rx	
16.5.2.6	NR SA FR1 Beam Failure Detection and Link Recovery Test for FR1 PCell configured with CSI-RS-based BFD and LR in non-DRX mode for 2 Rx UE	Rel-17	C219	2Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM and link recovery		2Rx	
16.5.2.7	NR SA FR1 Beam Failure Detection and Link Recovery Test for FR1 PCell configured with CSI-RS-based BFD and LR in DRX mode for 1 Rx UE	Rel-17	C220	1Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM, long DRX cycle and link recovery		1Rx	
16.5.2.8	NR SA FR1 Beam Failure Detection and Link Recovery Test for FR1 PCell configured with CSI-RS-based BFD and LR in DRX mode for 2 Rx UE	Rel-17	C221	1Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM, long DRX cycle and link recovery		2Rx	
16.5.3	Active BWP switch delay for RedCap						
16.5.3.1	DCI-based and time- based active BWP switch for RedCap						
16.5.3.1.1	NR SA FR1 DCI-based DL active BWP switch in non-DRX for 1 Rx UE	Rel-17	C274	1Rx RedCap UEs supporting 5GS NR SA FR1 and (DCI and timer based active BWP switching delay type1 or type2) and (Support of BWP adaptation upto2 or upto4)		1Rx	
16.5.3.1.2	NR SA FR1 DCI-based DL active BWP switch in non-DRX for 2 Rx UE	Rel-17	C275	2Rx RedCap UEs supporting 5GS NR SA FR1 and (DCI and timer based active BWP switching delay type1 or type2) and (Support of BWP adaptation upto2 or upto4)		2Rx	
16.5.3.2	RRC-based active BWP switch for RedCap						
16.5.3.2.1	NR SA FR1 RRC-based DL active BWP switch in non-DRX for 1 Rx UE	Rel-17	C276	1Rx RedCap UEs supporting 5GS NR SA FR1 and (Support of BWP adaptation upto2 or upto4)		1Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection Criteria
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	NR SA FR1 RRC-based DL active BWP switch in non-DRX for 2 Rx UE	Rel-17	C277	2Rx RedCap UEs supporting 5GS NR SA FR1 and (Support of BWP adaptation upto2 or upto4)		2Rx	
16.5.4	UE specific CBW change for RedCap						
16.5.4.1	NR SA FR1 UE specific CBW change on PCell in non-DRX for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.5.4.2	NR SA FR1 UE specific CBW change on PCell in non-DRX for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.6	Measurement procedure for RedCap						
16.6.1	Intra-frequency Measurements for RedCap						
16.6.1.1	NR SA FR1 Event triggered reporting tests without gap under non- DRX for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.6.1.2	NR SA FR1 Event triggered reporting tests without gap under non- DRX for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.6.1.3	NR SA FR1 Event triggered reporting tests without gap under DRX for 1 Rx UE	Rel-17	C189	1Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		1Rx	
16.6.1.4	NR SA FR1 Event triggered reporting tests without gap under DRX for 2 Rx UE	Rel-17	C190	2Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		2Rx	
16.6.1.5	NR SA FR1 Event triggered reporting tests with per-UE gaps under non-DRX for 1 Rx UE	Rel-17	C222	1Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM and BWP operation without bandwidth restriction		1Rx	
16.6.1.6	NR SA FR1 Event triggered reporting tests with per-UE gaps under non-DRX for 2 Rx UE	Rel-17	C223	2Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM and BWP operation without bandwidth restriction		2Rx	
16.6.1.7	NR SA FR1 Event triggered reporting tests with per-UE gaps under DRX for 1 Rx UE	Rel-17	C193	1Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM, BWP operation without bandwidth restriction and long DRX cycle		1Rx	
16.6.1.8	NR SA FR1 Event triggered reporting tests with per-UE gaps under DRX for 2 Rx UE	Rel-17	C194	2Rx RedCap UEs supporting 5GS NR SA FR1, CSI-RS- based RLM, BWP operation without bandwidth restriction and long DRX cycle		2Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection Criteria
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16.6.1.9	NR SA FR1 Event triggered reporting tests without gap under non- DRX with SSB index reading for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.6.1.10	NR SA FR1 Event triggered reporting tests without gap under non- DRX with SSB index reading for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.6.1.11	NR SA FR1 Event triggered reporting tests with per-UE gaps under non-DRX with SSB index reading for 1 Rx UE	Rel-17	C195	1Rx RedCap UEs supporting 5GS NR FDD SA FR1 and CSI-RS-based RLM and BWP operation without bandwidth restriction		1Rx	
16.6.1.12	NR SA FR1 Event triggered reporting tests with per-UE gaps under non-DRX with SSB index reading for 2 Rx UE	Rel-17	C196	2Rx RedCap UEs supporting 5GS NR FDD SA FR1 and CSI-RS-based RLM and BWP operation without bandwidth restriction		2Rx	
16.6.2	Inter-frequency measurements for RedCap						
16.6.2.1	NR SA FR1-FR1 Event triggered reporting tests for FR1 without SSB time index detection when DRX is used for 1 Rx UE	Rel-17	C189	1Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		1Rx	
16.6.2.2	NR SA FR1-FR1 Event triggered reporting tests for FR1 without SSB time index detection when DRX is used for 2 Rx UE	Rel-17	C190	2Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		2Rx	
16.6.2.3	NR SA FR1-FR1 Event triggered reporting tests for FR1 without SSB time index detection when DRX is used for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.6.2.4	NR SA FR1-FR1 Event triggered reporting tests for FR1 without SSB time index detection when DRX is used for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.6.2.5	NR SA FR1-FR1 Event triggered reporting tests for FR1 with SSB time index detection when DRX is not used for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.6.2.6	NR SA FR1-FR1 Event triggered reporting tests for FR1 with SSB time index detection when DRX is not used for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.6.2.7	NR SA FR1-FR1 Event triggered reporting tests for FR1 with SSB time index detection when DRX is used for 1 Rx UE	Rel-17	C189	1Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		1Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment	-		ontonia
16.6.2.8	NR SA FR1-FR1 Event triggered reporting tests for FR1 with SSB time index detection when DRX is used for 2 Rx UE	Rel-17	C190	2Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		2Rx	
16.6.2.9	NR SA FR1-FR1 Event triggered reporting tests with additional mandatory gap pattern for 1 Rx UE	Rel-17	C183a	1Rx RedCap UEs supporting 5GS NR SA FR1 and Gap Pattern 3		1Rx	
16.6.2.10	NR SA FR1-FR1 Event triggered reporting tests with additional mandatory gap pattern for 2 Rx UE	Rel-17	C184a	2Rx RedCap UEs supporting 5GS NR SA FR1 and Gap Pattern 3		2Rx	
16.6.2.11	NR SA FR1-FR1 Event triggered reporting tests for FR1 when DRX is used for 1 Rx UE	Rel-17	C298	1Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle and inter- frequency SSB based measurements without measurement gaps		1Rx	
16.6.2.12	NR SA FR1-FR1 Event triggered reporting tests for FR1 when DRX is used for 2 Rx UE	Rel-17	C299	2Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle and inter- frequency SSB based measurements without		2Rx	
16.6.3	Inter-RAT measurements for RedCap			measurement gaps			
16.6.3.1	NR - E-UTRA event- triggered reporting in non- DRX in FR1 for 1 Rx UE	Rel-17	C181	1Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		1Rx	
16.6.3.2	NR - E-UTRA event- triggered reporting in non- DRX in FR1 for 2 Rx UE	Rel-17	C182	2Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA		2Rx	
16.6.3.3	NR - E-UTRA event- triggered reporting in DRX in FR1 for 1 Rx UE	Rel-17	C318	1Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA and long DRX cycle		1Rx	
16.6.3.3	NR - E-UTRA event- triggered reporting in DRX in FR1 for 1 Rx UE	Rel-17	C319	1Rx RedCap UEs supporting 5GS NR SA FR1 and E- UTRA and long DRX cycle		1Rx	
16.6.4	L1-RSRP measurement for beam reporting for RedCap						
16.6.4.1	NR SA FR1 SSB based L1-RSRP measurement when DRX is not used for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.6.4.2	NR SA FR1 SSB based L1-RSRP measurement when DRX is not used for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	

Clause	TC Title	Release	A	pplicability	Additional Information		Test Selection
			Condition	Comment			Criteria
16.6.4.3	NR SA FR1 SSB based L1-RSRP measurement when DRX is used for 1 Rx UE	Rel-17	C189	1Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		1Rx	
16.6.4.4	NR SA FR1 SSB based L1-RSRP measurement when DRX is used for 2 Rx UE	Rel-17	C190	2Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		2Rx	
16.6.4.5	NR SA FR1 CSI-RS based L1-RSRP measurement when DRX is not used for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.6.4.6	NR SA FR1 CSI-RS based L1-RSRP measurement when DRX is not used for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.6.4.7	NR SA FR1 CSI-RS based L1-RSRP measurement when DRX is used for 1 Rx UE	Rel-17	C189	1Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		1Rx	
16.6.4.8	NR SA FR1 CSI-RS based L1-RSRP measurement when DRX is used for 2 Rx UE	Rel-17	C190	2Rx RedCap UEs supporting 5GS NR SA FR1 and long DRX cycle		2Rx	
16.6.5	NR measurements with autonomous gaps						
16.6.5.1	NR SA FR1 intra- frequency CGI identification of NR neighbour cell in FR1 for 1 Rx UE	Rel-17	C302	1Rx RedCap UEs supporting 5GS NR SA FR1 and NR CGI reading using autonomous gap		1Rx	
16.6.5.2	NR SA FR1 intra- frequency CGI identification of NR neighbour cell in FR1 for 2 Rx UE	Rel-17	C303	2Rx RedCap UEs supporting 5GS NR SA FR1 and NR CGI reading using autonomous gap		2Rx	
16.6.5.3	NR SA FR1 Identification of a new CGI of inter-RAT E-UTRA cell using autonomous gaps in NR SA for 1 Rx UE	Rel-17	C304	1Rx RedCap UEs supporting 5GS NR SA FR1 and EUTRA CGI reading using autonomous gap		1Rx	
16.6.5.4	NR SA FR1 Identification of a new CGI of inter-RAT E-UTRA cell using autonomous gaps in NR SA for 2 Rx UE	Rel-17	C305	2Rx RedCap UEs supporting 5GS NR SA FR1 and EUTRA CGI reading using autonomous gap		2Rx	
16.7	Measurement Performance requirements for RedCap						
16.7.1 16.7.2	SS-RSRP SS-RSRQ						
16.7.2.1	NR SA FR1 SS-RSRQ measurement accuracy for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.7.2.2	NR SA FR1 SS-RSRQ measurement accuracy for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.7.2.3.1	NR SA FR1-FR1 Inter- frequency absolute measurement accuracy with FR1 serving cell and FR1 target cell for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection
			Condition	Comment	-		Criteria
16.7.2.3.2	NR SA FR1-FR1 Inter- frequency relative measurement accuracy with FR1 serving cell and FR1 target cell for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
	NR SA FR1-FR1 Inter- frequency absolute measurement accuracy with FR1 serving cell and FR1 target cell for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
	NR SA FR1-FR1 Inter- frequency relative measurement accuracy with FR1 serving cell and FR1 target cell for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.7.3	SS-SINR						
16.7.3.1	NR SA FR1 Intra- frequency measurement accuracy with FR1 serving cell and FR1 target cell for 1 Rx UE	Rel-17	C306	1Rx RedCap UEs supporting 5GS NR SA FR1 and SS- SINR measurement		1Rx	
16.7.3.2	NR SA FR1 Intra- frequency measurement accuracy with FR1 serving cell and FR1 target cell for 2 Rx UE	Rel-17	C307	2Rx RedCap UEs supporting 5GS NR SA FR1 and SS- SINR measurement		2Rx	
16.7.3.3.1	NR SA FR1-FR1 Inter- frequency absloute measurement accuracy with FR1 serving cell and FR1 target cell for 1 Rx UE	Rel-17	C306	1Rx RedCap UEs supporting 5GS NR SA FR1 and SS- SINR measurement		1Rx	
16.7.3.3.2	NR SA FR1-FR1 Inter- frequency relative measurement accuracy with FR1 serving cell and FR1 target cell for 1 Rx UE	Rel-17	C306	1Rx RedCap UEs supporting 5GS NR SA FR1 and SS- SINR measurement		1Rx	
16.7.3.4.1	NR SA FR1-FR1 Inter- frequency absolute measurement accuracy with FR1 serving cell and FR1 target cell for 2 Rx UE	Rel-17	C307	2Rx RedCap UEs supporting 5GS NR SA FR1 and SS- SINR measurement		2Rx	
16.7.3.4.2	NR SA FR1-FR1 Inter- frequency relative measurement accuracy with FR1 serving cell and FR1 target cell for 2 Rx UE	Rel-17	C307	2Rx RedCap UEs supporting 5GS NR SA FR1 and SS- SINR measurement		2Rx	
16.7.4	L1-RSRP measurement						
16.7.4.1.1	for beam reporting NR SA FR1 SSB based L1-RSRP absolute measurement for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
	NR SA FR1 SSB based L1-RSRP relative measurement for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.7.4.2.1	NR SA FR1 SSB based L1-RSRP absolute measurement for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	

Clause	TC Title	Release	A	pplicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			
16.7.4.2.2	NR SA FR1 SSB based L1-RSRP relative measurement for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.7.4.3.1	NR SA FR1 CSI-RS based L1-RSRP absolute measurement on resource set with repetition off for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.7.4.3.2	NR SA FR1 CSI-RS based L1-RSRP relative measurement on resource set with repetition off for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
	NR SA FR1 CSI-RS based L1-RSRP absolute measurement on resource set with repetition off for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
	NR SA FR1 CSI-RS based L1-RSRP relative measurement on resource set with repetition off for 2 Rx U	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.7.5	E-UTRAN RSRP						
16.7.5.1	NR SA FR1 - E-UTRA Measurement accuracy with FR1 serving cell for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.7.5.2	NR SA FR1 - E-UTRA Measurement accuracy with FR1 serving cell for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
16.7.6	E-UTRAN RSRQ						
16.7.6.1	NR SA FR1 - E-UTRA Measurement accuracy with FR1 serving cell for 1 Rx UE	Rel-17	C183	1Rx RedCap UEs supporting 5GS NR SA FR1		1Rx	
16.7.6.2	NR SA FR1 - E-UTRA Measurement accuracy with FR1 serving cell for 2 Rx UE	Rel-17	C184	2Rx RedCap UEs supporting 5GS NR SA FR1		2Rx	
	The test case/branch is inco configurations already. NOT at least one Band / CA/DC C case/branch. Detailed compl 38.533. Test X refers to the correspo	E 1 can be configuration etion statu	e removed or on for at leas is can be fou	hly when the test case, st one feature included and in the correspondir	branch is comp in the test	olete for	

Table 4.2-8: Applicability of RRM NR SA FR2 conformance test cases for RedCap, ref. TS 38.533 [5]

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Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			
17.1	RRC_IDLE state mobility for RedCap						
17.1	NR cell re-selection						
17.1.1.1	NR SA FR2 Cell reselection to FR2 intra- frequency NR case for 2 Rx		C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.1.1.2	NR SA FR2-FR2 Cell reselection to FR2 inter- frequency NR case	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.1.1.3	NR SA FR2 Cell reselection to FR2 intra- frequency NR case for UE fulfilling stationary relaxed measurement criterion for 2 Rx UE	Rel-17	C239	RedCap UEs supporting 5GS NR SA FR2 and Rel-17 relaxed RRM measurements of neighbour cells in RRC_IDLE/RRC_INACTIVE		2Rx	
17.1.1.4	NR SA FR2-FR2 Cell reselection to FR2 inter- frequency NR case for UE fulfilling stationary mobility relaxed measurement criterion for 2 Rx UE	Rel-17	C239	RedCap UEs supporting 5GS NR SA FR2 and Rel-17 relaxed RRM measurements of neighbour cells in RRC_IDLE/RRC_INACTIVE		2Rx	
17.2	RRC_INACTIVE state mobility for RedCap						
17.2.1	Configured Grant based Small Data Transmissions for RedCap						
17.2.1.1	NR SA FR2 TA validation for CG-SDT for 2 Rx	Rel-17	C308	RedCap UEs supporting 5GS NR SA FR2, CG-based small data transmission and long DRX cycle	NOTE 1	2Rx	
17.3	RRC_CONNECTED state mobility for RedCap			× /			
17.3.1	Handover for RedCap						
17.3.1.1	NR SA FR2 Intra-frequency handover from FR2 to FR2; unknown target cell for 2 Rx	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.3.1.2	NR SA FR2-FR2 Inter-frequency handover from FR2 to FR2; unknown target cell for 2 Rx	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.3.2	RRC connection mobility control for RedCap						
17.3.2.1	RRC re-establishment for RedCap						
17.3.2.1.1	NR SA FR2 Intra-frequency RRC Re- establishment in FR2		C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.3.2.1.2	NR SA FR2-FR2 Inter-frequency RRC Re- establishment in FR2		C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.3.2.1.3	NR SA FR2 Intra-frequency RRC Re- establishment in FR2 without serving cell timing	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.3.2.2	Random Access for RedCap						
17.3.2.2.1	NR SA FR2 4-step RA type contention based random access test in FR2 for NR Standalone		C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.3.2.2.2	NR SA FR2 4-step RA type non-contention based random access test in FR2 for NR Standalone	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	Subtest 2: F013

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			
17.3.2.2.3	NR SA FR2 2-step RA type contention based random access test in FR2 for NR Standalone	Rel-17	C225	RedCap UEs supporting 5GS NR SA FR2 and 2-step RACH	NOTE 1	2Rx	
17.3.2.2.4	NR SA FR2 2-step RA type non-contention based random access test in FR2 for NR Standalone	Rel-17	C225	RedCap UEs supporting 5GS NR SA FR2 and 2-step RACH	NOTE 1	2Rx	
17.3.2.3	SA: RRC Connection Release with Redirection for RedCap						
17.3.2.3.1	NR SA FR2-FR2 Redirection from NR in FR2 to NR in FR2	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.4	Timing for RedCap						
17.4.1	UE transmit timing for RedCap						
17.4.1.1	NR SA FR2 NR UE Transmit Timing Test for FR2	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.4.2	UE timer accuracy for RedCap						
17.4.3	Timing advance for RedCap						
17.4.3.1	NR SA FR2 SA FR2 timing advance adjustment accuracy	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.5	Signalling characteristics for RedCap						
17.5.1	Radio Link Monitoring for RedCap						
17.5.1.1	NR SA FR2 Radio Link Monitoring Out-of-sync Test for FR2 PCell configured with SSB-based RLM RS in non-DRX mode	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.5.1.2	NR SA FR2 Radio Link Monitoring In-sync Test for FR2 PCell configured with SSB-based RLM RS in non-DRX mode	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.5.1.4	NR SA FR2 Radio Link Monitoring In-sync Test for FR2 PCell configured with SSB-based RLM RS in DRX mode	Rel-17	C198	RedCap UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
17.5.1.5	NR SA FR2 Radio Link Monitoring Out-of-sync Test for FR2 PCell configured with CSI-RS- based RLM in non-DRX mode	Rel-17	C309	RedCap UEs supporting 5GS NR SA FR2 and CSI-RS-based RLM	NOTE 1	2Rx	
17.5.1.6	NR SA FR2 Radio Link Monitoring In-sync Test for FR2 PCell configured with CSI-RS-based RLM in non-DRX mode	Rel-17	C309	RedCap UEs supporting 5GS NR SA FR2 and CSI-RS-based RLM	NOTE 1	2Rx	
17.5.1.7	NR SA FR2 Radio Link Monitoring Out-of-sync Test for FR2 PCell configured with CSI-RS- based RLM in DRX mode	Rel-17	C310	RedCap UEs supporting 5GS NR SA FR2 and CSI-RS-based RLM and long DRX cycle	NOTE 1	2Rx	
17.5.1.8	NR SA FR2 Radio Link Monitoring In-sync Test for FR2 PCell configured with CSI-RS-based RLM in DRX mode		C310	RedCap UEs supporting 5GS NR SA FR2 and CSI-RS-based RLM and long DRX cycle	NOTE 1	2Rx	
17.5.1.9	NR SA FR2 UE Radio Link Monitoring Scheduling Restrictions on FR2	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			••••••
17.5.2	Beam Failure Detection and Link recovery procedures for RedCap						
17.5.2.3	NR SA FR2 Beam Failure Detection and Link Recovery Test for FR2 PCell configured with CSI-RS-based BFD and LR in non-DRX mode	Rel-17	C227	RedCap UEs supporting 5GS NR SA FR2, CSI-RS based RLM and link recovery		2Rx	
17.5.2.4	NR SA FR2 Beam Failure Detection and Link Recovery Test for FR2 PCell configured with CSI-RS-based BFD and LR in DRX mode		C228	RedCap UEs supporting 5GS NR SA FR2, long DRX cycle, CSI-RS based RLM and link recovery		2Rx	
17.5.2.5	NR SA FR2 Scheduling availability restriction during Beam Failure Detection and Link Recovery for FR2 PCell configured with SSB- based BFD and LR in non-DRX mode	Rel-17	C226	RedCap UEs supporting 5GS NR SA FR2 and SSB based link recovery		2Rx	
17.5.3	Active BWP switch for RedCap						
17.5.3.1	DCI-based and time-based active BWP switch for RedCap						
17.5.3.1.1	NR SA FR2 DCI-based and Timer-based DL active BWP switch with non-DRX	Rel-17	C315	RedCap UEs supporting 5GS NR SA FR2 and (DCI and timer based active BWP switching delay type1 or type2) and (Support of BWP adaptation upto2 or upto4)	NOTE 1	2Rx	
17.5.3.2	RRC-based active BWP switch for RedCap						
17.5.3.2.1	NR SA FR2 RRC-based DL active BWP switch with non-DRX	Rel-17	C316	RedCap UEs supporting 5GS NR SA FR2 and (Support of BWP adaptation upto2 or upto4)	NOTE 1	2Rx	
17.5.4	Active TCI state switch delay for RedCap						
17.5.4.1	MAC-CE based active TCI state switch for RedCap						
17.5.4.1.1	NR SA FR2 NR PCell FR2 active TCI state switch for a known TCI state	Rel-17	C311	RedCap UEs supporting 5GS NR SA FR2, maximum number of active TCI states per BWP greater than 1, and maximum number of simultaneously trackable TRS resource sets per CC greater than 1	NOTE 1	2Rx	
17.5.4.2	RRC based active TCI state switch for RedCap						

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			
17.5.4.2.1	NR SA FR2 NR PCell FR2 active TCI state switch for a known TCI state	Rel-17	C311	RedCap UEs supporting 5GS NR SA FR2, maximum number of active TCI states per BWP greater than 1, and maximum number of simultaneously trackable TRS resource sets per CC greater than 1	NOTE 1	2Rx	
17.5.5	Uplink spatial relation switch delay for RedCap						
17.5.5.1	MAC-CE based Spatial Relation switch for RedCap						
17.5.5.1.1	NR SA FR2 PCell MAC-CE based spatial relation switch associated with known DL-RS	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.5.5.2	RRC based spatial relation switch for RedCap						
17.5.5.2.1	NR SA FR2 PCell RRC-based spatial relation switch associated with a known DL-RS	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.5.6	UE specific CBW change for RedCap						
17.5.6.1	NR SA FR2 UE specific CBW change of PCell with non-DRX	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.6	Measurement procedure for RedCap						
17.6.1	Intra-frequency Measurements for RedCap						
17.6.1.1	NR SA FR2 Event triggered reporting test without gap under non-DRX		C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.6.1.2	NR SA FR2 Event triggered reporting test without gap under DRX	Rel-17	C198	RedCap UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
17.6.1.3	NR SA FR2 Event triggered reporting test with per-UE gaps under non-DRX		C238	RedCap UEs supporting 5GS NR SA FR2, CSI-RS-based RLM and BWP operation without bandwidth restriction		2Rx	
17.6.1.4	NR SA FR2 Event triggered reporting test with per-UE gaps under DRX	Rel-17	C229	RedCap UEs supporting 5GS NR SA FR2, long DRX cycle, CSI- RS-based RLM and BWP operation without bandwidth restriction		2Rx	
17.6.2	Inter-frequency Measurements for RedCap						
17.6.2.1	NR SA FR2-FR2 Event triggered reporting tests For FR2 without SSB time index detection when DRX is not used						
17.6.2.2	NR SA FR2-FR2 Event triggered reporting tests For FR2 without SSB time index detection when DRX is used						

Clause	TC Title	Release		Applicability	Additional Information	Branch	Test Selection Criteria
			Condition	Comment			
17.6.2.3	NR SA FR2-FR2 Event triggered reporting tests For FR2 with SSB time index detection when DRX is not used		C182	2Rx RedCap UEs supporting 5GS NR SA FR1 and E-UTRA			
17.6.2.4	NR SA FR2-FR2 Event triggered reporting tests For FR2 with SSB time index detection when DRX is used						
17.6.3	L1-RSRP measurement for beam reporting for RedCap						
17.6.3.1	NR SA FR2 SSB based L1-RSRP measurement when DRX is not used	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.6.3.2	NR SA FR2 SSB based L1-RSRP measurement when DRX is used	Rel-17	C198	RedCap UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
17.6.3.3	NR SA FR2 CSI-RS based L1-RSRP measurement when DRX is not used		C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.6.3.4	NR SA FR2 CSI-RS based L1-RSRP measurement when DRX is used	Rel-17	C198	RedCap UEs supporting 5GS NR SA FR2 and long DRX cycle		2Rx	
17.6.4	NR Measurements with autonomous gaps for RedCap						
17.6.4.1	NR SA FR2 Interfrequency CGI reporting in autonomous gaps test (PCell in FR2)	Rel-17	C312	RedCap UEs supporting 5GS NR SA FR2 and NR CGI reading using autonomous gap	NOTE 1	2Rx	
17.7	Measurement performance requirements for RedCap						
17.7.1	SS-RSRP for RedCap						
17.7.1.1	Intra-frequency measurement accuracy with FR2 serving cell and FR2 target cell		C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.7.1.2	Inter-frequency measurement accuracy with FR2 serving cell and FR2 target cell	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.7.2	SS-RSRQ for RedCap						
17.7.2.1	Intra-frequency measurement accuracy with FR2 serving cell and FR2 target cell		C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.7.2.2	Inter-frequency measurement accuracy with FR2 serving cell and FR2 target cell	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.7.3	L1-RSRP measurement for beam reporting for RedCap						
17.7.3.1	NR SA FR2 SSB based L1-RSRP measurement accuracy		C197	RedCap UEs supporting 5GS NR SA FR2		2Rx	
17.7.3.2	NR SA FR2 CSI-RS based L1-RSRP measurement on resource set with repetition off	Rel-17	C197	RedCap UEs supporting 5GS NR SA FR2	NOTE 1	2Rx	
17.7.4	SS-SINR for RedCap						

Clause	TC Title	Release	Applicability		Additional Information	Branch	Test Selection Criteria
			Condition	Comment			
17.7.4.1	Intra-frequency measurement accuracy with FR2 serving cell and FR2 target cell	Rel-17	C317	RedCap UEs supporting 5GS NR SA FR2 and SS-SINR measurement	NOTE 1	2Rx	
tl	L The test case/branch is incomplete for any Band/C/ ne test case/branch is complete for at least one Ba ompletion status can be found in the correspondin	nd / CA/D	C Configuration	as basic test configurations already. I for at least one feature included in			

### Table 4.2-9: Applicability of E-UTRA – NR Inter-RAT conformance test cases for RedCap, ref. TS 38.533 [5]

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
18.1	RRC_IDLE state mobility for RedCap						
18.1.1	Inter-RAT NR cell re-selection						
18.1.1.1	E-UTRA - NR SA FR1 E-UTRA Cell reselection to higher priority NR target Cell in FR1	Rel-17	TBD		NOTE 1	2Rx	
18.2	RRC_CONNECTED state mobility for RedCap						
18.2.1	Inter-RAT cell handover for RedCap						
18.2.1.1	E-UTRA - NR SA FR1 E-UTRAN - NR handover in FR1	Rel-17	C182	2Rx RedCap UEs supporting 5GS NR SA FR1 and E-UTRA		2RX	
18.2.2	RRC connection release with redirection for RedCap						
18.2.2.1	E-UTRA - NR SA FR1 Redirection from E- UTRA to NR SA FR1 for redcap UE	Rel-17	C182	2Rx RedCap UEs supporting 5GS NR SA FR1 and E-UTRA		2RX	
18.3	Measurement procedure for RedCap						
18.3.1	E-UTRA - NR Measurements for RedCap						
18.3.1.1	E-UTRA - NR SA FR1 Event triggered reporting tests for FR1 without SSB time index detection when DRX is not used	Rel-17	C230	2Rx RedCap UEs supporting 5GS NR SA FR1 and E-UTRA but don't support per-FR gap	For sub-test 1	2RX	
			C231	2Rx RedCap UEs supporting 5GS NR SA FR1, E-UTRA, per- FR gap and gap pattern #4	For sub-test 2	2RX	Subtest 2: F020
18.3.1.2	E-UTRA - NR SA FR1 Event triggered reporting tests for FR1 without SSB time index detection when DRX is used	Rel-17	C232	2Rx RedCap UEs supporting 5GS NR SA FR1, E-UTRA and long DRX cycle but don't support per-FR gap	For sub-test 1,2	2RX	
			C233	2Rx RedCap UEs supporting 5GS NR SA FR1, E-UTRA, long DRX cycle, per-FR gap and gap pattern #4	For sub-test 3,4	2RX	Subtests 3,4: F021
18.3.1.3	E-UTRA - NR SA FR1 Event triggered reporting tests for FR1 with SSB time index detection when DRX is not used	Rel-17	C230	2Rx RedCap UEs supporting 5GS NR SA FR1 and E-UTRA but don't support per-FR gap	For sub-test 1	2RX	
			C231	2Rx RedCap UEs supporting 5GS NR SA FR1, E-UTRA, per- FR gap and gap pattern #4	For sub-test 2	2RX	Subtest 2: F020
18.3.1.4	E-UTRA - NR SA FR1 Event triggered reporting tests for FR1 with SSB time index detection when DRX is used	Rel-17	C232	2Rx RedCap UEs supporting 5GS NR SA FR1, E-UTRA and long DRX cycle but don't support per-FR gap	For sub-test 1,2	2RX	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
			C233	2Rx RedCap UEs supporting 5GS NR SA FR1, E-UTRA, long DRX cycle, per-FR gap and gap pattern #4	For sub-test 3,4	2RX	Subtests 3,4: F021
18.3.1.5	E-UTRA - NR SA FR2 Event triggered reporting tests for FR2 without SSB time index detection when DRX is not used	Rel-17	N/A	not recommended due to E- UTRA – FR2 testability issue	NOTE 1	2RX	
18.3.1.6	E-UTRA - NR SA FR2 Event triggered reporting tests for FR2 without SSB time index detection when DRX is used	Rel-17	N/A	not recommended due to E- UTRA – FR2 testability issue	NOTE 1	2RX	
18.3.1.7	E-UTRA - NR SA FR2 Event triggered reporting tests for FR2 with SSB time index detection when DRX is not used	Rel-17	N/A	not recommended due to E- UTRA – FR2 testability issue	NOTE 1	2RX	
18.3.1.8	E-UTRA - NR SA FR2 Event triggered reporting tests for FR2 with SSB time index detection when DRX is used	Rel-17	N/A	not recommended due to E- UTRA – FR2 testability issue	NOTE 1	2RX	
NOTE 1:	The test case/branch is incomplete for any Band/C, case/branch is complete for at least one Band / CA found in the corresponding test case section in 38.5	/DC Config					

 Table 4.2-10: Applicability of NR-U EN-DC FR1 conformance test cases, ref. TS 38.533 [5]

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Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	-		
10.3	Signalling characteristics						
10.3.1	Radio link monitoring						
10.3.1.2	EN-DC FR1 Radio link monitoring out-of-sync test for PSCell under CCA configured with SSB-based RLM RS in non-DRX mode	Rel-16	C206	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and (RRM, UL and RLM) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.3.1.3	EN-DC FR1 Radio link monitoring in-sync test for PSCell under CCAconfigured with SSB- based RLM RS in non-DRX mode	Rel-16	C206	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and (RRM, UL and RLM) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.3.4	Beam failure detection and link recovery procedures			UE supporting 5GS FR1 and NR-U			
10.3.4.1	EN-DC FR1 EN-DC Beam Failure Detection and Link Recovery Test for FR1 PSCell under CCA configured with SSB-based BFD and LR in non-DRX mode	Rel-16	C206b	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and (RRM, UL, RLM and BFR/CBD) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.3.4.2	EN-DC FR1 EN-DC Beam Failure Detection and Link Recovery Test for FR1 PSCell under CCA configured with SSB-based BFD and LR in DRX mode	Rel-16	C206c	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and (RRM, UL, RLM and BFR/CBD) in dynamic channel access or in semi-static channel access and long DRX	NOTE 1	2Rx	
10.3.5	Active BWP switching						
10.3.5.1	EN-DC FR1 UL active BWP switch delay with consistent UL LBT failure on PSCell subject to UL CCA in EN-DC	Rel-16	C207g	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access and (DCI and timer based active BWP switching delay Type1 or Type2) and (Support of BWP adaptation upto2 or upto4) and UL LBT detection and recovery	NOTE 1	2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
10.3.5.2	DCI-based and timer-based active BWP switch						
10.3.5.2.1	EN-DC FR1 DCI-based DL active BWP switch in non-DRX in synchronous EN-DC under CCA	Rel-16	C207	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access and (DCI and timer based active BWP switching delay Type1 or Type2) and (Support of BWP adaptation upto2 or upto4)	NOTE 1 Test execution not necessary if test 10.3.5.2.2 has been executed.	2Rx	
10.3.5.2.2	EN-DC FR1 DCI-based DL active BWP switch with SCell in non-DRX in synchronous EN-DC under CCA	Rel-16	C207a	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access and (DCI and timer based active BWP switching delay Type1 or Type2) and (Support of BWP adaptation upto2 or upto4) and 2DL CA	NOTE 1	2Rx	
10.3.5.3	RRC-based Active BWP Switch						
10.3.5.3.1	EN-DC FR1 RRC-based DL active BWP switch in non-DRX in synchronous EN-DC under CCA	Rel-16	C207b	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access and (Support of BWP adaptation upto2 or upto4)	NOTE 1	2Rx	
10.3.6	PSCell addition and release delay						
10.3.6.1	Addition and Release Delay of known NR PSCell on the carrier under CCA	Rel-16	C207c	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.4	Measurement Procedures						
10.4.1	Intra-Frequency Measurements						

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
10.4.1.1	EN-DC FR1 Event-triggered reporting tests on PSCC without gaps under non-DRX and CCA	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.4.1.2	EN-DC FR1 Event-triggered reporting tests on PSCC without gaps under DRX and CCA	Rel-16	C207e	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access and long DRX cycle	NOTE 1	2Rx	
10.4.1.3	EN-DC FR1 Event-triggered reporting tests on PSCC with per-UE gaps under non-DRX and CCA	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.4.1.4	EN-DC FR1 Event-triggered reporting tests on PSCC with per-UE gaps under DRX and CCA	Rel-16	C207e	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access and long DRX cycle	NOTE 1	2Rx	
10.4.2	Inter-Frequency Measurements						
10.4.2.1	Void	Rel-16	FFS		NOTE 1	2Rx	
10.4.2.2	Void	Rel-16	FFS		NOTE 1	2Rx	
10.4.2.3	EN-DC FR1-FR1 Event-triggered reporting for FR1 cell with CCA without SSB time index detection when DRX is not used	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.4.2.4	EN-DC FR1-FR1 Event triggered reporting for FR1 cell with CCA without SSB time index detection when DRX is used	Rel-16	C207e	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access and long DRX cycle	NOTE 1	2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
10.4.2.5	EN-DC FR1-FR1 Event-triggered reporting for FR1 cell with CCA with SSB time index detection when DRX is not used	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.4.2.6	EN-DC FR1-FR1 Event triggered reporting for FR1 cell with CCA with SSB time index detection when DRX is used	Rel-16	C207e	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access and long DRX cycle	NOTE 1	2Rx	
10.4.2.7	EN-DC FR1-FR1 Event-triggered reporting for FR1 cell without SSB time index detection when DRX is not used	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.4.2.8	EN-DC FR1-FR1 Event triggered reporting for FR1 cell without SSB time index detection when DRX is used	Rel-16	C207e	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access and long DRX cycle	NOTE 1	2Rx	
10.4.2.9	EN-DC FR1-FR1 Event-triggered reporting for FR1 cell with SSB time index detection when DRX is not used	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.4.2.10	EN-DC FR1-FR1 Event triggered reporting for FR1 cell with SSB time index detection when DRX is used	Rel-16	C207e	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access and long DRX cycle	NOTE 1	2Rx	
10.5	Measurement Performance						
10.5.1	SS-RSRP						

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
10.5.1.1	EN-DC FR1 intra-frequency SS-RSRP measurement accuracy on a CCA serving cell	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.5.1.2	EN-DC FR1-FR1 inter-frequency SS-RSRP measurement accuracy with CCA serving cell and CCA target cell	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.5.2	SS-RSRQ						
10.5.2.1	EN-DC FR1 intra-frequency SS-RSRQ measurement accuracy with serving cell and target cell under CCA	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.5.2.2	EN-DC FR1-FR1 inter-frequency SS-RSRQ measurement accuracy with serving cell and target cell under CCA	Rel-16	C207d	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
10.5.3	SS-SINR						
10.5.3.1	EN-DC FR1 intra-frequency SS-SINR measurement accuracy on PSCC under CCA	Rel-16	C207f	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access and SS-SINR measurements on shared spectrum	NOTE 1	2Rx	
10.5.3.2	EN-DC FR1-FR1 inter-frequency SS-SINR measurement accuracy on PSCC under CCA	Rel-16	C207f	UE supporting EN-DC TDD FR1 and NR-U (scenario B) and MIB acquisition on shared spectrum and RRM measurements in dynamic channel access or in semi-static channel access and SS-SINR measurements on shared spectrum	NOTE 1	2Rx	

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Clause	TC Title	Release		Applicability	Additional Brand Information		Subtest Selection Criteria	
			Condition	Comment				
10.5.3.3	EN-DC FR1 intra-frequency SS-SINR measurement accuracy on SCC under CCA	Rel-16	FFS	FFS	NOTE 1	2Rx		
	<ul> <li>E 1: The test case/branch is incomplete for any Band/CA/DC Configuration but has basic test configurations already. NOTE 1 can be removed only when the test case/branch is complete for at least one Band / CA/DC Configuration for at least one feature included in the test case/branch. Detailed completion status can be found in the corresponding test case section in 38.533.</li> </ul>							

 Table 4.2-11: Applicability of NR-U SA FR1 conformance test cases, ref. TS 38.533 [5]

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Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
11.1	RRC_IDLE state mobility						
11.2	RRC_CONNECTED state mobility						
11.2.2	RRC connection mobility control						
11.2.2.3	RRC connection release with redirection						
11.2.2.3.1	NR SA FR1 Redirection from NR FR1 carrier under CCA to NR FR1 carrier under CCA	Rel-16	C321	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM and UL) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
11.2.2.3.2	NR SA FR1 Redirection from NR FR1 carrier without CCA to NR FR1 carrier with CCA	Rel-16	C321	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM and UL) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
11.3	Timing						
11.4	Signalling characteristics						
11.4.1	Radio link monitoring						
11.4.1.2	EN-DC FR1 Radio link monitoring out-of-sync test for PSCell under CCA configured with SSB-based RLM RS in non-DRX mode	Rel-16	C322	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM, UL and RLM) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
11.4.1.3	EN-DC FR1 Radio link monitoring in-sync test for PSCell under CCAconfigured with SSB- based RLM RS in non-DRX mode	Rel-16	C322	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM, UL and RLM) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
11.4.4	Beam failure detection and link recovery procedures						
11.4.4.1	EN-DC FR1 EN-DC Beam Failure Detection and Link Recovery Test for FR1 PSCell under CCA configured with SSB-based BFD and LR in non-DRX mode	Rel-16	C323	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM, UL, RLM and BFR/CBD) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
11.4.4.2	EN-DC FR1 EN-DC Beam Failure Detection and Link Recovery Test for FR1 PSCell under CCA configured with SSB-based BFD and LR in DRX mode	Rel-16	C324	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM, UL, RLM and BFR/CBD) in dynamic channel access or in semi-static channel access and long DRX	NOTE 1	2Rx	
11.4.5	Active BWP switching						
11.4.5.1	NR SA FR1 UL active BWP switch delay with consistent UL LBT failure on PCell subject to UL CCA	Rel-16	C325	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM and UL) in dynamic channel access or in semi-static channel access and (DCI and timer based active BWP switching delay Type1 or Type2) and (Support of BWP adaptation upto2 or upto4) and UL LBT detection and recovery	NOTE 1	2Rx	
11.4.5.2	DCI-based and Timer-based Active BWP Switch						
11.4.5.2.1	NR SA FR1 - NR FR1 DL active BWP switch of PCell under CCA with non-DRX	Rel-16	C326	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM and UL) in dynamic channel access or in semi-static channel access and (DCI and timer based active BWP switching delay Type1 or Type2) and (Support of BWP adaptation upto2 or upto4)	NOTE 1	2Rx	
11.4.5.3	RRC-based Active BWP Switch						
11.4.5.3.1	NR SA FR1 DL active BWP switch of Cell with non-DRX	Rel-16	C327	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM and UL) in dynamic channel access or in semi-static channel access and (Support of BWP adaptation upto2 or upto4)	NOTE 1	2Rx	
11.5	Measurement procedure						
11.5.1	Intra-frequency measurements						

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment	-		
11.5.1.1	NR SA FR1 Event-triggered reporting tests on PCC under CCA without gaps under non-DRX	Rel-16	C206d	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
11.5.1.2	NR SA FR1 Event-triggered reporting tests on PCC under CCA without gaps under DRX	Rel-16	C206e	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access and long DRX	NOTE 1	2Rx	
11.5.1.3	NR SA FR1 Event-triggered reporting tests on PCC under CCA with per-UE gaps under non- DRX	Rel-16	C206d	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access	NOTE 1	2Rx	
11.5.1.4	NR SA FR1 Event-triggered reporting tests on PCC under CCA with per-UE gaps under DRX	Rel-16	C206e	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access and long DRX	NOTE 1	2Rx	
11.5.1.5	NR SA FR1 Event-triggered reporting tests on SCC under CCA without gaps under non-DRX	Rel-16	FFS		NOTE 1	2Rx	
11.5.1.6	NR SA FR1 Event-triggered reporting tests on SCC under CCA without gaps under DRX	Rel-16	FFS		NOTE 1	2Rx	
11.5.1.7	NR SA FR1 Event-triggered reporting tests on SCC under CCA with per-UE gaps under non- DRX	Rel-16	FFS		NOTE 1	2Rx	
11.5.1.8	NR SA FR1 Event-triggered reporting tests on SCC under CCA with per-UE gaps under DRX	Rel-16	FFS		NOTE 1	2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
11.5.1.9	NR SA FR1 RSSI measurement reporting on PCC	Rel-16	C206f	UE supporting SA TDD FR1 in unlicensed band (scenario C) and (MIB, SIB1) acquisition on shared spectrum and (RRM, UL) in dynamic channel access or in semi-static channel access and RSSI measurements and channel occupancy measurement reporting	NOTE 1	2Rx	
11.5.1.10	NR SA FR1 Channel occupancy measurement reporting on PCC	Rel-16	FFS		NOTE 1	2Rx	
11.5.1.11	NR SA FR1 RSSI measurement reporting on SCC	Rel-16	FFS		NOTE 1	2Rx	
11.5.1.12	NR SA FR1 Channel occupancy measurement reporting on SCC	Rel-16	FFS		NOTE 1	2Rx	
11.5.2	Inter-frequency measurements						
11.5.2.1	NR SA FR1 RSSI measurement reporting	Rel-16	FFS		NOTE 1	2Rx	
11.5.2.2	NR SA FR1 Channel occupancy measurement reporting	Rel-16	FFS		NOTE 1	2Rx	
11.5.2.3	NR SA FR1 Event triggered reporting tests for FR1 with CCA without SSB time index detection when DRX is not used	Rel-16	FFS		NOTE 1	2Rx	
11.5.2.4	NR SA FR1 Event triggered reporting tests for FR1 with CCA without SSB time index detection when DRX is used	Rel-16	FFS		NOTE 1	2Rx	
11.5.2.5	NR SA FR1 Event triggered reporting tests for FR1 with CCA with SSB time index detection when DRX is not used	Rel-16	FFS		NOTE 1	2Rx	
11.5.2.6	NR SA FR1 Event triggered reporting tests for FR1 with CCA with SSB time index detection when DRX is used	Rel-16	FFS		NOTE 1	2Rx	
11.5.2.7	NR SA FR1 Event triggered reporting tests for FR1 without SSB time index detection when DRX is not used	Rel-16	FFS		NOTE 1	2Rx	
11.5.2.8	NR SA FR1 Event triggered reporting tests for FR1 without SSB time index detection when DRX is used	Rel-16	FFS		NOTE 1	2Rx	
11.5.2.9	NR SA FR1 Event triggered reporting tests for FR1 with SSB time index detection when DRX is not used	Rel-16	FFS		NOTE 1	2Rx	
11.5.2.10	NR SA FR1 Event triggered reporting tests for FR1 with SSB time index detection when DRX is used	Rel-16	FFS		NOTE 1	2Rx	

Clause	TC Title	Release		Applicability	Additional Information	Branch	Subtest Selection Criteria
			Condition	Comment			
Ca	he test case/branch is incomplete for any Band/C ase/branch is complete for at least one Band / CA ound in the corresponding test case section in 38.	/DC Config					

# 4.3 RF conformance test cases for Satellite Access

NOTE: To determine applicability of a test case, supported CBW and SCS in the *RF-Parameters* IE (see TS 38.331 [11]) which conveys RF related capabilities for NR operation is taken into account.

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4.3.1 FR1 standalone conformance test cases for Satellite Access

Table 4.3.1-1: Applicability of RF SA FR1 conformance test cases, ref. TS 38.521-5 [TBD]

Clause	TC Title	Release		Applicability	Tested Bands/CA- Configurations Selection	Branch	Additional Information
			Condition	Comment	_		
6	Transmitter Characteristics						
6.2.1	UE maximum output power	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	NOTE 1
6.3.1	Minimum output power	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	
6.3.3	Tx ON/OFF Time Mask	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	NOTE 1
6.4.1_1	Frequency error with GSO ephemeris	Rel-17	C001p	UEs supporting 5GS FDD FR1 satellite access and only GSO or both GSO and NGSO	D027	PC3	
6.4.1_2	Frequency error with NGSO ephemeris	Rel-17	C001q	UEs supporting 5GS FDD FR1 satellite access and only NGSO or both GSO and NGSO	D027	PC3	
6.5.2.2	Spectrum Emissions Mask	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	NOTE 1
6.5.2.4	Adjacent Channel Leakage Ratio	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	NOTE 1
6.5.3.1	General Spurious	Rel-17	C001o		D027	PC3	
6.5.3.2	Spurious emissions for UE co-existence	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	
6.5.3.3	Additional Spurious emissions	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	NOTE 1
6.5.4	Transmit intermodulation	Rel-17	C001o		D027	PC3	
7	Receiver Characteristics		C001o				
7.3.2	Reference sensitivity power level	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	
7.4	Maximum input level	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	
7.5	Adjacent channel selectivity	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	
7.7	Spurious response	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	
7.8.2	Wide band Intermodulation	Rel-17	C001o	UEs supporting 5GS FDD FR1 satellite access	D027	PC3	
7.9	Spurious emission	Rel-17	C001o		D027	PC3	
Note 1: So	ome aspect of the test case is incomplete.						

## 4.3.2 Performance conformance test cases for Satellite Access

#### Table 4.3.2-1: Applicability of performance test cases, ref. TS 38.521-5 [TBD]

Clause	TC Title	Release		Applicability	Tested Bands Selection	Additional Information
			Condition	Comment		
8	Conducted performance requirements					
8.2	Demodulation performance requirements					
8.2.1.2.2.1.1	2Rx FDD FR1 PDSCH Mapping Type A for Satellite	Rel-17	C001o	UEs supporting 5GS FDD FR1	D027	
_1	Access			satellite access		
Note 1: Sor	ne aspect of the test case is incomplete.					

Annex A (informative): Change history

Data	Monting	TDee	CP	D	Cat	Change history Subject/Comment	New
Date	Meeting	TDoc	CR	R ev	Cat	Subject/Comment	version
2017-08	RAN5#76	R5-173911	-	-	-	Draft skeleton	0.0.1
2018-01	RAN5#1-	R5-180107	-	-	-	Updated after RAN5#1-5G-NR Adhoc:	0.1.0
	5G-NR					- Foreword, scope, references, definitions, symbols and	
	Adhoc					abbreviations, recommended test case applicability updated	
						- clause 4.1.1, 4.1.2, 4.1.3 and 4.1.4 added	
0040.00	DANE #70	DE 404007				- change history added	0.0.0
2018-03	RAN5 #78	R5-181687	-	-	-	TP for Clause 4.1.1 Range 1 standalone conformance test cases	0.2.0
2018-03	RAN5 #78	R5-181688	-	-	-	TP for Clause 4.1.2 Range 2 standalone conformance test cases	0.2.0
2018-03	RAN5 #78	R5-181689	-	-	-	TP for Clause 4.1.3 NR interworking between NR range1 and NR range2 and between NR and LTE conformance test cases	0.2.0
2018-04	RAN5#2-	R5-182013	_	1_	-	TP for Clause 3 Definitions, symbols and abbreviations	0.3.0
2010 04	5G-NR Adhoc	102013					0.0.0
2018-04	RAN5#2-	R5-182047	-	-	-	TP for Clause 4 Recommended test case applicability	0.3.0
2010 04	5G-NR	102047					0.0.0
	Adhoc			_			
2018-08	RAN5#80	R5-185209	-	-	-	TP for Clause 4.1.1 of TS 38.522	1.0.1
2018-08	RAN5#80	R5-185210	-	-	-	TP for Clause 4.1.2 of TS 38.522	1.0.1
2018-08	RAN5#80	R5-185211	-	-	-	TP for Clause 4.1.3 of TS 38.522	1.0.1
2018-09	RAN#81	-	-	-	-	raised to v15.0.0 with editorial changes only	15.0.0
2018-12	RAN#82	R5-186501	0013	-	F	Applicability rules implementation in 38.522	15.1.0
2018-12	RAN#82	R5-188223	0015	-	F	Applicability for RRM NR tests	15.1.0
2018-12	RAN#82	R5-187566	0016	-	F	Update note in section 4.1 to include CBW and SCS in RF test	15.1.0
2018-12	RAN#82	R5-187849	0014	1	F	applicability Adding applicability for new 38.521-1 CA TCs	15.1.0
2018-12	RAN#82 RAN#82	R5-187881	0014	1	F	Update Clause 1 Scope of TS 38.522	15.1.0
2018-12	RAN#82	R5-187884	0008	1	F	TP for Clause 4.1.2 of TS 38.522	15.1.0
2018-12 2018-12	RAN#82	R5-187922	0017	1	F	Removing FR2 test case 7.4 from TS 38.522 due to testability	15.1.0
2010-12	RAN#02	RD-10/922	0017	-	Г	issue	15.1.0
2019-01	RAN#82	R5-187882	0009	1	F	Update Clause 3 of TS 38.522	15.1.1
2019-01	RAN#82	R5-187883	0010	1	F	TP for Clause 4.1.1 of TS 38.522	15.1.1
2019-01	RAN#82	R5-187885	0012	1	F	TP for Clause 4.1.3 of TS 38.522	15.1.1
2019-03	RAN#83	R5-191722	0012	<u>t</u>	F	addition of applicability for BFD and measurement	15.2.0
2019-03	RAN#83	R5-192507	0021	1	F	TP for TS 38.522	15.2.0
2019-03	RAN#83	R5-192508	0022	1	F	Addition of RRM Test Cases Applicability	15.2.0
2019-06	RAN#84	R5-195444	0022	1	F	TP for TS 38.522	15.3.0
2019-06	RAN#84	-	-	<u> -</u>	-	Administrative release upgrade to match the release of 3GPP TS	16.0.0
2010 00						38.508-1 and TS 38.521-1 which were upgraded at RAN#84 to Rel-16 due to Rel-16 relevant CR(s)	
2019-06	RAN#84	-	-	-	-	Addition of missing Table part of R5-195444 and part of a note.	16.0.1
2019-06	RAN#84	-	-	-	-	Formatted big tables to landscape	16.0.2
2019-09	RAN#85	R5-197650	0030	1	-	TP for TS 38.522	16.1.0
2019-09	RAN#85	R5-197650	0030	1	-	Added missing changes of R5-197650	16.1.1
2019-12	RAN#86	R5-199089	0032	2	-	TP for TS 38.522	16.2.0
2020-03	RAN#87	R5-201036	0033	1	F	TP and format updated for TS 38.522	16.3.0
					F	R16 TDD ENDC PC2 TP for TS 38.522	
2020-06	RAN#88	R5-202958	0040	1			16.4.0
2020-06	RAN#88	R5-203114	0037	2	F	TP updated to applicability table	16.4.0
2020-09	RAN#89	R5-204098	0046	-	F	Correct applicability EN-DC event-triggered inter-frequency tests	16.5.0
2020-09	RAN#89	R5-204099	0047	-	F	Correct applicability NR SA event-triggered inter-frequency tests	16.5.0
2020-09	RAN#89	R5-204939	0043	1	F	TP for TS 38.522	16.5.0
2020-09	RAN#89	R5-204940	0044	1	F	Correction of 38.522	16.5.0
2020-12	RAN#90	R5-206905	0051	1	F	Update to applicability spec for 5G test cases	16.6.0
2021-03	RAN#91	R5-210506	0055	-	F	Correction of applicability definitions for long DRX cycle related	16.7.0
2021-03	RAN#91	R5-210792	0058	-	F	test cases Adding the test applicability of RF test cases for eMIMO	16.7.0
2021-03	RAN#91	R5-211158	0060	1-	F	Addition of applicability new test case 6.3.2.1.3 in TS 38.521-4	16.7.0

2021-03	RAN#91	R5-211159	0061	-	F	Addition of applicability new test case 6.3.3.1.3 in TS 38.521-4	16.7.0
2021-03	RAN#91	R5-211610	0067	-	F	Applicability of Error Vector Magnitude for V2X for non-concurrent operation	16.7.0
2021-03	RAN#91	R5-211720	0054	1	F	Correction of applicability definitions for PUSCH HalfPi BPSK related test cases	16.7.0
2021-03	RAN#91	R5-211853	0059	1	F	Update to applicability spec for 5G test cases	16.7.0
2021-03	RAN#91	R5-211913	0057	1	F	Adding test applicability for switching test case	16.7.0
2021-03	RAN#91	R5-211917	0066	1	F	Addition of new RRM test cases to the applicability table in 4.2	16.7.0
2021-03	RAN#91	R5-211918	0068	1	F	Applicability for RRM NR HST test case 6.1.1.7 and 6.6.1.7	16.7.0
2021-03	RAN#91	-	-	-	-	Administrative release upgrade to match the release of TS 38.508-1, TS 38.508-2 and TS 38.521-1 which were upgraded at RAN#91 to Rel-17 due to Rel-17 relevant CRs	17.0.0
2021-06	RAN#92	R5-212078	0069	-	F	Addition of applicability for new test case 6.3.2.1.4 and 6.3.3.1.4 in TS 38.521-4	17.1.0
2021-06	RAN#92	R5-212932	0075	-	F	Addition of test applicability for V2X RF test cases	17.1.0
2021-06	RAN#92	R5-212939	0076	-	F	Adding test applicability for eMIMO demod test cases	17.1.0
2021-06	RAN#92	R5-212948	0077	-	F	Adding test applicability for URLLC demod test cases	17.1.0
2021-06	RAN#92	R5-213095	0078	-	F	Adding test applicability for new test cases introduced in R17	17.1.0
2021-06	RAN#92	R5-214006	0074	1	F	Addition of new V2X test cases to the applicability table in 4.1.1	17.1.0
2021-06	RAN#92	R5-214089	0073	1	F	Update to applicability spec for 5G test cases	17.1.0
2021-06	RAN#92	R5-214096	0071	1	F	Update of Applicability for Inter-band EN-DC Including FR2	17.1.0
2021-09	RAN#93	R5-214480	0081	-	F	38.522 Jumbo CR for R16 CADC configurations	17.2.0
2021-09	RAN#93	R5-214534	0082	-	F	Addition of applicability for FR2 DL 256QAM demodulation test case	17.2.0
2021-09	RAN#93	R5-214571	0083	-	F	Adding test applicability for UE power saving test cases	17.2.0
2021-09	RAN#93	R5-214609	0084	-	F	Correction of condition C30 C37 C37a C41 C41a and introduction of condition C37b and C37c	17.2.0
2021-09	RAN#93	R5-214834	0085	-	F	Applicability for 5G-SRVCC	17.2.0
2021-09	RAN#93	R5-215033	0092	-	F	Addition of applicability for NR HST TCs	17.2.0
2021-09	RAN#93	R5-215045	0093	-	F	Addition of R16 FDD-TDD PC2 inter-band EN-DC baseline	17.2.0
2021-09	RAN#93	R5-215079	0095	-	F	Addition of test applicability for V2X test cases	17.2.0
2021-09	RAN#93	R5-215245	0099	-	F	Addition of test applicability for RRM test case 6.6.4.5	17.2.0
2021-09	RAN#93	R5-215399	0102	-	F	Add 2-Step PRACH test cases to Applicability spec	17.2.0
2021-09	RAN#93	R5-215411	0103	-	F	Correction of RRM HST test cases applicability	17.2.0
2021-09	RAN#93	R5-215931	0090	1	F	Addition of applicability for Mob_Enh TCs	17.2.0
2021-09	RAN#93	R5-215935	0096	1	F	Adding test applicability for eMIMO test cases	17.2.0
2021-09	RAN#93	R5-215960	0098	1	F	Addition of applicability of URLLC demod test cases	17.2.0
2021-09	RAN#93	R5-215981	0086	1	F	FR2 standalone RF conformance test case applicability	17.2.0
2021-09	RAN#93	R5-216077	0097	1	F	Test applicability for FR2 256QAM CQI reporting	17.2.0
2021-09	RAN#93	R5-216097	0101	1	F	Update to applicability spec for 5G test cases	17.2.0
2021-12	RAN#94	R5-216539	0105	-	F	Addition of applicability for HST test case 5.2.3.1.9_1	17.3.0
2021-12	RAN#94	R5-216540	0106	-	F	Addition of applicability for HST test case 5.2.3.1.10_1	17.3.0
2021-12	RAN#94	R5-216784	0109	-	F	Correction to Test Bands Selection Criteria for performance test	17.3.0
2021-12	RAN#94	R5-216852	0110	-	F	cases Correction to applicability of RLM TCs	17.3.0

2021-12	RAN#94	R5-216870	0111	-	F	Correction to applicability of Mob_enh RRM TCs	17.3.0
2021-12	RAN#94	R5-216911	0112	-	F	Correction to applicability of HST TCs	17.3.0
2021-12	RAN#94	R5-217219	0114	-	F	Correct of condition for RRM Test Cases with BWP switch	17.3.0
2021-12	RAN#94	R5-217319	0116	-	F	Addition of applicability for new type II PMI repoering test cases	17.3.0
2021-12	RAN#94	R5-217349	0118	-	F	Update of 3.1 for definitions of CA and DC configurations	17.3.0
2021-12	RAN#94	R5-217381	0120	-	F	Addition of test applicability for URLLC test cases	17.3.0
2021-12	RAN#94	R5-217529	0122	<u> </u>	F	Jumbo CR for updating applicability of NR perf enh WI test cases	17.3.0
				-	F		
2021-12	RAN#94	R5-217568	0123	-		Correction of RRM HST test cases applicability	17.3.0
2021-12	RAN#94	R5-217569	0124	-	F	Correction of RRM test cases applicability - Note 1 removal	17.3.0
2021-12	RAN#94	R5-217597	0125	-	F	Update applicability for Tx modulation quality test cases	17.3.0
2021-12	RAN#94	R5-217729	0129	-	F	38.522 applicability updates for Rel.16 FR2 RF enhancements	17.3.0
2021-12	RAN#94	R5-218249	0115	1	F	Update of MPR applicability for intra-band contiguous EN-DC	17.3.0
2021-12	RAN#94	R5-218370	0107	1	F	Addition of content for FR2 standalone RF conformance test case applicability	17.3.0
2021-12	RAN#94	R5-218371	0128	1	F	NR U test case applicability	17.3.0
2021-12	RAN#94	R5-218390	0108	1	F	Addition of Power Class 1.5 into applicability of RF SA FR1	17.3.0
2021-12	RAN#94	R5-218437	0113	1	F	conformance test cases 6.2B.2.2 MPR IBNC EN-DC applicability correction if 6.5B.2.2.3	17.3.0
2021-12	RAN#94	R5-218438	0127	1	F	ACLR IBNC EN-DC is executed Update to applicability spec for 5G test cases	17.3.0
2021-12	RAN#94	R5-218460	0117	1	F	Adding test applicability for switching time mask for inter-band EN-	17.3.0
2021-12	RAN#94	R5-218463	0119	1	F	DC Addition of test applicability e-MIMO test cases	17.3.0
2022-03	RAN#95	R5-220041	0131	Ľ	' F	Addition of the TDD DSS NR bands n34, n39	17.4.0
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2022-03	RAN#95	R5-220163	0133	-	F	Add 2-Step RACH test cases to Applicability spec	17.4.0
2022-03	RAN#95	R5-220166	0134	-	F	Update of RRM test case applicability - Note 1 removal	17.4.0
2022-03	RAN#95	R5-220663	0140	-	F	Update of HST Demod test case applicability - Note 1 removal	17.4.0
2022-03	RAN#95	R5-220673	0142	-	F	Correcting applicability of HST test cases in 38.522	17.4.0
2022-03	RAN#95	R5-220757	0143	-	F	Addition of new performance enhancement test case in 38.522	17.4.0
2022-03	RAN#95	R5-220787	0144	-	F	Update to test applicability for V2X test cases	17.4.0
2022-03	RAN#95	R5-220823	0145	-	F	Update to test applicability for URLLC test cases	17.4.0
2022-03	RAN#95	R5-220965	0147	-	F	Addition of applicability for test cases for EN-DC with 3 uplink	17.4.0
2022-03	RAN#95	R5-221004	0149	-	F	Correction to applicability of FR2 intra-frequency measurement	17.4.0
2022-03	RAN#95	R5-221048	0150	-	F	without DRX and BFD TCs Correction of 4.0 for tested DC configuration selection criteria	17.4.0
2022-03	RAN#95	R5-221213	0152	-	F	Addition of applicability for CADC MPR TC 6.2B.2.4_1.1	17.4.0
2022-03	RAN#95	R5-221295	0154	-	F	Correction of RRM test cases applicability - Note 1 removal	17.4.0
2022-03	RAN#95	R5-221296	0155	<u> </u>	' F	Addition of Idle Mode CA/DC Measurements test cases	17.4.0
				<u> </u>		applicability	
2022-03	RAN#95	R5-221371	0158	-	F	Adding new HST test cases	17.4.0
2022-03	RAN#95	R5-221711	0132	1	F	Correction of Additional Information for 6.2.2, 6.2.3 and 6.5.2.4.1 of 38.521-1 and 6.2B.2.3 and 6.2B.3.3 of 38.521-3	17.4.0
2022-03	RAN#95	R5-221712	0139	1	F	Correction to Applicability and Additional information for EN-DC TC and RRM TC	17.4.0
2022-03	RAN#95	R5-221797	0153	1	F	Addition of FR1 DL Interruptions test cases applicability	17.4.0

2022-03	RAN#95	R5-221831	0146	1	F	Addition of test applicability for UE Enhancements on MIMO	17.4.0
2022-03	RAN#95	R5-221832	0148	1	F	Addition of test applicability for L1-SINR measurement cases	17.4.0
2022-03	RAN#95	R5-221849	0130	1	F	Updated the Test case conditions and selection criteria for TDD DSS NR bands n38, n48, n90	17.4.0
2022-03	RAN#95	R5-221850	0137	1	F	Addition of FR1 CA CQI test cases applicability	17.4.0
2022-03	RAN#95	R5-221851	0138	1	F	Addition of FR2 CA CQI test cases applicability	17.4.0
2022-03	RAN#95	R5-221852	0151	1	F	Applicability of NR perf enh WI test cases	17.4.0
2022-03	RAN#95	R5-221858	0135	1	F	Correction of HST test case applicability	17.4.0
2022-03	RAN#95	R5-221891	0136	1	F	Correction of FR2 standalone Enhanced Beam correspondence -	17.4.0
2022-03	RAN#95	R5-221913	0156	1	F	EIRP RF conformance test case applicability New EVM test case applicability	17.4.0
2022-06	RAN#96	R5-222190	0159	-	F	Correction of test applicability for 6.4.2.5 of 38.521-1	17.5.0
2022-06	RAN#96	R5-222191	0160	-	F	Separation of 6.2B.1.4D of 38.521-3 into two test cases	17.5.0
2022-06	RAN#96	R5-222562	0162	-	F	Addition of applicability for CADC MOP TC	17.5.0
2022-06	RAN#96	R5-222631	0164	-	F	Addition of test applicability for NR SL Demod TCs	17.5.0
2022-00	RAN#96	R5-222632	0165		' F	Addition of test applicability for NR SL RRM TCs	17.5.0
				-	F	Addition of test applicability for NR SL RRIVETCS	
2022-06	RAN#96	R5-222736	0169	-	-		17.5.0
2022-06	RAN#96	R5-222914	0172	-	F	Removing test case 6.5D.1_1 Occupied bandwidth for UL MIMO (Rel-16 onward) from 38.522	17.5.0
2022-06	RAN#96	R5-222992	0176	-	F	Removal of NOTE1 for test case 5.2.2.2.9_1, 5.2.2.2.10_1, 5.2.3.2.9_1	17.5.0
2022-06	RAN#96	R5-222994	0177	-	F	Update of applicability of FR2 performance test	17.5.0
2022-06	RAN#96	R5-223123	0181	-	F	Test case 6.3.2.2.3, 6.3.2.2.4 and 6.3.3.2.3 in 38.522	17.5.0
2022-06	RAN#96	R5-223701	0189	1	F	Correction of FR1 DL Interruptions test cases applicability	17.5.0
2022-06	RAN#96	R5-223706	0178	1	F	Addition of test applicability for eMIMO test cases	17.5.0
2022-06	RAN#96	R5-223720	0163	1	F	Applicability update for NR perf enh WI test cases	17.5.0
2022-06	RAN#96	R5-223725	0166	1	F	Correction to applicability of HST RRM TCs	17.5.0
2022-06	RAN#96	R5-223753	0179	1	F	38.522 applicability updates for Rel.16 FR2 RF enhancements	17.5.0
2022-06	RAN#96	R5-223783	0170	1	F	Jumbo Applicability CR for NR_RF_TxD WI	17.5.0
2022-06	RAN#96	R5-223791	0171	1	F	Addition of test applicability for RedCap test cases	17.5.0
2022-06	RAN#96	R5-223842	0161	1	F	Correction to applicability for 6.2D.1.1 and 6.2D.1.2 of 38.521-2	17.5.0
2022-06	RAN#96	R5-223843	0167	1	F	Correction to test bands selection criteria for UL MIMO capabilities	17.5.0
2022-06	RAN#96	R5-223844	0168	1	F	Correction to applicability of 5G test cases	17.5.0
2022-06	RAN#96	R5-223845	0180	1	F	Correction on test condition for FR2 DL 256QAM test cases	17.5.0
2022-06	RAN#96	R5-223846	0185	1	F	Addition to 3.3 for new abbreviations in TS 38.522	17.5.0
				1	' F	Correction to 4.0 on Tested CA DC configuration selection criteria	17.5.0
2022-06	RAN#96	R5-223847	0186			for E005a, E010 and E010a	
2022-06	RAN#96	R5-223848	0187	1	F	Editorial correction to A.4.0 for Tested bands selection criteria	17.5.0
2022-06	RAN#96	R5-223849	0188	1	F	Update of applicability of FR2 RF test cases	17.5.0
2022-09	RAN#97	R5-223968	0190	-	F	Applicability for 5.7.1.3 and 7.7.1.3	17.6.0
2022-09	RAN#97	R5-224381	0199	-	F	Update of clause and description for eMIMO RRM Test Cases according to WP updated	17.6.0
2022-09	RAN#97	R5-224438	0200	-	F	Addition of applicability for CADC MOP TC	17.6.0

2022-09	RAN#97	R5-224504	0201	-	F	Correction to applicability of NR SL Demod TCs	17.6.0
2022-09	RAN#97	R5-224634	0202	-	F	Correction to applicability of C097	17.6.0
2022-09	RAN#97	R5-224839	0205	-	F	Update to test applicability of CA test cases to support PC2	17.6.0
2022-09	RAN#97	R5-224903	0206	-	F	Update applicability for NR-U test cases	17.6.0
2022-09	RAN#97	R5-224968	0207	-	F	Editorial, putting C003a and C003b in correct order	17.6.0
2022-09	RAN#97	R5-224998	0208	-	F	Correction to applicability of 5G test cases	17.6.0
2022-09	RAN#97	R5-225077	0209	-	F	Adding new test condition and applicability for new test case 6.3C.3.2	17.6.0
2022-09	RAN#97	R5-225710	0197	1	F	Addition of test applicability for FR2 EN-DC TX Test Cases 5CC to	17.6.0
2022-09	RAN#97	R5-225724	0203	1	F	8CCs Addition of test applicability for eMIMO test cases	17.6.0
2022-09	RAN#97	R5-225747	0191	1	F	Applicability for 2-step RACH test cases	17.6.0
2022-09	RAN#97	R5-225752	0196	1	F	Update of inter-band CA PC2 test applicability	17.6.0
2022-09	RAN#97	R5-225755	0210	1	F	Adding applicability for new SUL and UL MIMO test cases	17.6.0
2022-09	RAN#97	R5-225764	0194	1	F	Correction of Applicability of conformance test cases conditions, Tested Bands Selection Criteria and Branch for the TxD test cases in 38.521-1	17.6.0
2022-09	RAN#97	R5-225765	0204	1	F	Addition of test applicability for TxD test cases	17.6.0
2022-09	RAN#97	R5-225814	0192	1	F	Correction of Applicability of conformance test cases conditions and Tested Bands Selection Criteria for the R15 test cases in 38.521-1	17.6.0
2022-09	RAN#97	R5-225882	0211	1	F	Addition of test case for additional spurious for FR2	17.6.0
2022-12	RAN#98	R5-225949	0213		F	Adding applicability statements for UEs supporting 5GS FR1 and NR-DC	17.7.0
2022-12	RAN#98	R5-226112	0214		F	Addition of applicability for RedCap RRM TCs	17.7.0
2022-12	RAN#98	R5-226335	0215		F	Update to R16 NR CADC configuration test cases applicability	17.7.0
2022-12	RAN#98	R5-226702	0223		F	Addition of applicability for RedCap demod test cases	17.7.0
2022-12	RAN#98	R5-226764	0226		F	Correction to title of TC7.8F.2	17.7.0
2022-12	RAN#98	R5-226795	0227		F	Update applicability for performance test case 5.2.3.2.9_1	17.7.0
2022-12	RAN#98	R5-226936	0231		F	Adding applicability for new test cases for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226942	0232		F	Applicability for new Rel-16 FR2 RF requirements enhancements	17.7.0
2022-12	RAN#98	R5-227117	0233		F	test cases Update of test applicability for RedCap test cases	17.7.0
2022-12	RAN#98	R5-227248	0235		F	Completion of test case 7.2.2.1_3	17.7.0
2022-12	RAN#98	R5-227383	0237		F	Applicability spec updates related to rel16 FR2 RF enhancements	17.7.0
2022-12	RAN#98	R5-227871	0234	1	F	Addition of CA_DC enhancements test cases applicability	17.7.0
2022-12	RAN#98	R5-227872	0221	1	F	Applicability spec update for DL1024QAM test cases	17.7.0
2022-12	RAN#98	R5-227874	0230	1	F	Update to test applicability of SUL test cases	17.7.0
2022-12	RAN#98	R5-227876	0224	1	F	Add applicability of 6.4F.2.2 and 6.5F.4	17.7.0
2022-12	RAN#98	R5-227877	0236	1	F	Addition of test applicability for NR-U Demod and RRM test cases	17.7.0
2022-12	RAN#98	R5-227878	0218	1	F	Update to R16 NR perf enh test cases applicability	17.7.0
2022-12	RAN#98	R5-227879	0219	1	F	Applicability of NSA CA test cases	17.7.0
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2022-12	RAN#98	R5-228030	0217	1	F	Update to R17 NR HST FR1 enh test cases applicability	17.7.0

2022-12	RAN#98	R5-228049	0225	1	F	Correction to applicability of 5G test cases	17.7.0
2023-03	RAN#99	R5-230416	0240	-	F	Update to R17 NR HST FR1 enh test cases applicability	17.8.0
2023-03	RAN#99	R5-230458	0244	-	F	Addition of Applicability for RedCap RRM TCs	17.8.0
2023-03	RAN#99	R5-230526	0245	-	F	Addition of Applicability for RRM enhancement TCs	17.8.0
2023-03	RAN#99	R5-230576	0246	-	F	Editorial correction for Applicability Comment of 6.2G.3 and 6.2G.4 in 4.1.1	17.8.0
2023-03	RAN#99	R5-230667	0249	-	F	Addition of applicabilities for NR-U test cases	17.8.0
2023-03	RAN#99	R5-230679	0251	-	F	Addition of applicability for RedCap demod test cases	17.8.0
2023-03	RAN#99	R5-231091	0258	-	F	Adding applicability for new test cases for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231658	0267	-	F	Correction of test case title of 7.6D.2_1 and 7.8D.2_1 of 38.521-1	17.8.0
2023-03	RAN#99	R5-231806	0241	1	F	Addition of applicability for DC_CA test cases	17.8.0
2023-03	RAN#99	R5-231808	0238	1	F	Update to R16 NR CADC configuration test cases applicability	17.8.0
2023-03	RAN#99	R5-231809	0263	1	F	Update 38.522 for 7.3A.3 Reference sensitivity power level for 4DL	17.8.0
2023-03	RAN#99	R5-231810	0265	1	F	CA Addition of applicability for FR2 RF phase continuity test	17.8.0
2023-03	RAN#99	R5-231812	0242	1	F	Add applicability of new test cases for gap enhancement	17.8.0
2023-03	RAN#99	R5-231814	0260	1	F	Correction of applicability of the RedCap test cases	17.8.0
2023-03	RAN#99	R5-231815	0256	1	F	Adding test applicability for CA test cases	17.8.0
2023-03	RAN#99	R5-231816	0248	1	F	Adding applicability statement for UE UL carrier RRC	17.8.0
2023-03	RAN#99	R5-231817	0266	1	F	reconfiguration delay for FR2 Applicability updates to FR2 RF tests	17.8.0
2023-03	RAN#99	R5-231818	0247	1	F	Adding applicability statements for UEs supporting TA Validation	17.8.0
2023-03	RAN#99	R5-231819	0254	1	F	for CG-SDT in FR2 Introduction of abbreviation of CCA and clarification on FR1 band	17.8.0
2023-03	RAN#99	R5-231821	0259	1	F	selection with CCA Additional information note correction for RRM test cases	17.8.0
2023-03	RAN#99	R5-231878	0252	1	F	Addition of applicability for 5GS FR1 and FR2 PDC IIoT Test	17.8.0
2023-03	RAN#99	R5-231888	0261	1	F	Cases Correction to applicability of 5G test cases	17.8.0
2023-03	RAN#99	R5-231894	0255	1	F	Update to BWP adaptation applicability conditions	17.8.0
2023-03	RAN#99	R5-231973	0262	2	F	Update test condition for 7.3.2 and 6.2.x	17.8.0
2023-06	RAN#100	R5-232129	0269	-	' F	Adding applicability statement for SCell Activation and deactivation	
			0203		F	for SCell in FR2 inter-band in non-DRX Adding applicability UE Rx-Tx time difference measurement for	17.9.0
2023-06	RAN#100	R5-232274		-	-	propagation delay compensation using TRS in FR2	
2023-06	RAN#100	R5-232458	0273	-	F	Correction to applicability of RedCap RRM TCs	17.9.0
2023-06	RAN#100	R5-232578	0275	-	F	Addition of applicability for RedCap demod test cases	17.9.0
2023-06	RAN#100	R5-232580	0276	-	F	Addition of applicability for test case 6.5F.2.4.2	17.9.0
2023-06	RAN#100	R5-232742	0278	-	F	Addition of test applicability for SUL test cases with UL MIMO	17.9.0
2023-06	RAN#100	R5-232756	0279	-	F	Correction to test applicability for UL MIMO test cases	17.9.0
2023-06	RAN#100	R5-232812	0283	-	F	Update to R17 NR HST FR1 enh test cases applicability	17.9.0
2023-06	RAN#100	R5-232834	0284	-	F	Adding applicability for MMSE-IRC test cases	17.9.0
2023-06	RAN#100	R5-232928	0287	-	F	Applicability of FR2 RedCap reselection test cases	17.9.0
2023-06	RAN#100	R5-233032	0289	-	F	Update to test applicability of beam correspondence	17.9.0
2023-06	RAN#100	R5-233253	0298	-	F	Applicability updates to FR2 RF tests	17.9.0

2023-06	RAN#100	R5-233506	0270	1	F	Addition of applicability for 5GS HST FR2 test case	17.9.0
2023-06	RAN#100	R5-233685	0296	1	F	Update to handle the test case applicability with different branches	17.9.0
2023-06	RAN#100	R5-233686	0271	1	F	Completion of applicability for DC_CA test cases	17.9.0
2023-06	RAN#100	R5-233687	0297	1	F	Addition of applicability for FR2 RF phase continuity test	17.9.0
2023-06	RAN#100	R5-233689	0291	1	F	Addition of applicability for NR feMIMO test cases	17.9.0
2023-06	RAN#100	R5-233690	0268	1	F	Add applicability of new test cases for gap enhancement- Pre-MG and NCSG	17.9.0
2023-06	RAN#100	R5-233691	0277	1	F	Update to RRM applicability rules and test optimization - 38.522	17.9.0
2023-06	RAN#100	R5-233692	0280	1	F	Correction to applicability for performance test cases	17.9.0
2023-06	RAN#100	R5-233693	0299	1	F	Applicability update for FR2 TCI state switch tests	17.9.0
2023-06	RAN#100	R5-233710	0274	1	F	Update of eMG case applicabilities	17.9.0
2023-06	RAN#100	R5-233715	0290	1	F	Update to test applicability of SUL test cases	17.9.0
2023-06	RAN#100	R5-233727	0293	1	F	Update of applicability for FR2 CA test cases	17.9.0
2023-06	RAN#100	R5-233728	0295	1	F	Correction to applicability of 5G test cases	17.9.0
2023-06	RAN#100	R5-233731	0285	1	F	Applicability update for CLI test cases	17.9.0
2023-06	RAN#100	R5-233736	0281	1	F	Update to R16 NR CADC configuration test cases applicability	17.9.0
2023-06	RAN#100	R5-233778	0294	1	F	Update applicability for in-band blocking FR2 CA test cases	17.9.0
2023-09	RAN#101	R5-234067	0300	-	F	Adding applicability rules for the remaining MMSE-IRC test cases	17.10.0
2023-09	RAN#101	R5-234188	0302	-	F	Set branch column to PC3 for Rel-15 in FR1 test case 6.4.2.5	17.10.0
2023-09	RAN#101	R5-234335	0303	-	F	Addition of applicability for 5GS HST FR2 7.1.1.7 test case	17.10.0
2023-09	RAN#101	R5-234359	0306	-	F	Adding applicability statement for NR SA FR2 SSB based Inter-cell	17.10.0
						L1-RSRP measurement in non-DRX test case	
2023-09	RAN#101	R5-234368	0307	-	F	Addition of applicability for MRDC test cases	17.10.0
2023-09	RAN#101	R5-234427	0309	-	F	Addition of applicability for RRM enh TCs	17.10.0
2023-09	RAN#101	R5-234433	0310	-	F	Correction to applicability for SFTD TCs	17.10.0
2023-09	RAN#101	R5-234624	0312	-	F	Update of applicability for MG enhancements cases	17.10.0
2023-09	RAN#101	R5-234667	0315	-	F	Update to applicability for RedCap RLM, BFR and BWP switch test cases	17.10.0
2023-09	RAN#101	R5-234673	0316	_	F	Update to applicability of stationary idle mode RedCap tests	17.10.0
2023-09	RAN#101	R5-234675	0317	-	' F	Applicability update for RRM FR2 test cases	17.10.0
2023-09	RAN#101	R5-234679	0317	-	F	Update to applicability for FR2 TCI state switch tests	17.10.0
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2023-09	RAN#101	R5-234690	0319	-	F	Adding applicability statements for RRM test cases 16.6.7.1 and 16.6.7.2	17.10.0
2023-09	RAN#101	R5-234711	0320	-	F	Update of applicability for inter-band PC2 CA test cases	17.10.0
2023-09	RAN#101	R5-234735	0322	-	F	Update to R17 NR CADC configuration test cases applicability	17.10.0
2023-09	RAN#101	R5-234826	0325	-	F	Updates of applicability for RedCap demod test cases	17.10.0
2023-09	RAN#101	R5-234862	0327	-	F	Addition of applicability for test cases of unified TCI state	17.10.0
2023-09	RAN#101	R5-234931	0328	-	F	Addition of new NR-U test case 6.2F.2 in 38.522	17.10.0
2023-09	RAN#101	R5-235039	0329	-	F	Removing NOTE 1 for test case 6.5D.2.2_1 in table 4.1.1-1	17.10.0
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2023-09	RAN#101	R5-235105	0331	-	F	Addition applicability for Power saving Enh test cases 6.5.1.9 and 5.5.5.9	17.10.0
2023-09	RAN#101	R5-235220	0334	-	F	Update to applicability for FR2 RF phase continuity test	17.10.0
2023-09	RAN#101	R5-235797	0321	1	F	Update to R16 NR CADC configuration test cases applicability	17.10.0
2023-09	RAN#101	R5-235798	0314	1	F	Update to NR-U test applicability	17.10.0
2023-09	RAN#101	R5-235799	0308	1	F	Correction to applicability for RedCap RRM TCs	17.10.0
2023-09	RAN#101	R5-235800	0313	1	F	Update to applicability for power savings tests	17.10.0
2023-09	RAN#101	R5-235801	0305	1	F	Adding applicability statement for NR SA FR1 DL interruptions at switching between two uplink carriers test cases	17.10.0
2023-09	RAN#101	R5-235802	0326	1	F	Addition of test applicability for 2Tx switching	17.10.0
2023-09	RAN#101	R5-235803	0311	1	F	Update to applicability of 5G test cases	17.10.0
2023-09	RAN#101	R5-235804	0333	1	F	Corrections on the note for operator NOT in Table 4.0-2	17.10.0
2023-09	RAN#101	R5-235962	0301	1	F	Correction of Additional Information for 6.5B.3.3.1, 6.5B.3.3.2 and 7.3B.2.3 of 38.521-3	17.10.0
2023-09	RAN#101	R5-234751	0324	-	F	Update of RF UL MIMO test case applicability	18.0.0
2023-12	RAN#102	R5-236503	0340	-	F	Adding applicability for newly introduced NR-U test cases	18.1.0
2023-12	RAN#102	R5-236516	0341	-	F	Adding applicability for newly introduced RedCap test cases	18.1.0
2023-12	RAN#102	R5-236631	0343	-	F	Updating to test applicability of URLLC test cases	18.1.0
2023-12	RAN#102	R5-236875	0349	-	F	Addition of test applicability for MR-DC enhancement test cases	18.1.0
2023-12	RAN#102	R5-236912	0350	-	F	Addition of applicability of FR1 CA with UL MIMO test cases	18.1.0
2023-12	RAN#102	R5-237024	0352	-	F	Applicability of RRM enhancement test cases	18.1.0
2023-12	RAN#102	R5-237217	0361	-	F	Update on 6.5.1.9 applicability	18.1.0
2023-12	RAN#102	R5-237259	0363	-	F	Applicability update for FR2 UL MIMO test cases	18.1.0
2023-12	RAN#102	R5-237301	0365	-	F	Removal of NOTE 1 from applicability of FR1 CA with UL Tx switching test cases	18.1.0
2023-12	RAN#102	R5-237469	0364	2	F	Update to applicability spec for NTN test cases	18.1.0
2023-12	RAN#102	R5-237772	0356	1	F	Addition of test applicability and condition for RRM MR-DC Rel-17 Test Cases	18.1.0
2023-12	RAN#102	R5-237773	0344	1	F	Update to R16 NR CADC configuration test cases applicability	18.1.0
2023-12	RAN#102	R5-237774	0362	1	F	Applicability updates for Phase continuity tests	18.1.0
2023-12	RAN#102	R5-237775	0336	1	F	Addition of applicability of HST FR2 test cases	18.1.0
2023-12	RAN#102	R5-237776	0335	1	F	Update of applicability for MG enhancements TC	18.1.0
2023-12	RAN#102	R5-237777	0342	1	F	Correction to applicability of 5G test cases	18.1.0
2023-12	RAN#102	R5-237778	0351	1	F	Applicability of RedCap test cases	18.1.0
2023-12	RAN#102	R5-237779	0354	1	F	Updating FR1 test case branches for intra-band UL CA testing	18.1.0
2023-12	RAN#102	R5-237780	0357	1	F	Update to FR1 SDT test case applicability	18.1.0
2023-12	RAN#102	R5-237781	0358	1	F	Applicability update for NR-U RRM test cases	18.1.0
2023-12	RAN#102	R5-237782	0360	1	F	Addition of Test Selection Criteria for RRM	18.1.0
2023-12	RAN#102	R5-237913	0347	1	F	Correction to applicability for RedCap RRM TCs	18.1.0
2023-12	RAN#102	R5-237933	0338	1	F	Addition of MMSE-IRC CQI reporting test applicability rule	18.1.0

2024-03	RAN#103	R5-240212	0370	-	F	Editorial Correction to HST TCs on release information	18.2.0
2024-03	RAN#103	R5-240368	0373	-	F	Applicability statement for DL interruptions test cases 6.5.7A.1 and 6.5.7B.1	18.2.0
2024-03	RAN#103	R5-240508	0376	-	F	Addition of applicability for HST FR2 test cases	18.2.0
2024-03	RAN#103	R5-240520	0377	-	F	Removal of NOTE 1 from applicability of FR2 feMIMO test case	18.2.0
2024-03	RAN#103	R5-240771	0378	-	F	Correction to applicability for NR-U test cases	18.2.0
2024-03	RAN#103	R5-240783	0379	-	F	Removal of NOTE 1 from applicability of FR1 and FR2 MRDC test cases	18.2.0
2024-03	RAN#103	R5-240831	0382	-	F	Addition of applicability for RedCap test case 6.2.2.1.2.4	18.2.0
2024-03	RAN#103	R5-240857	0383	-	F	Addition of applicability for NR-U test cases	18.2.0
2024-03	RAN#103	R5-240932	0385	-	F	Correction to applicability of 5G test cases	18.2.0
2024-03	RAN#103	R5-241004	0386	-	F	Adding test applicability for V2X test cases	18.2.0
2024-03	RAN#103	R5-241131	0388	-	F	Adding applicability for newly introduced NR-U test cases	18.2.0
2024-03	RAN#103	R5-241140	0389	-	F	Update to applicability spec for Redcap Demod test case	18.2.0
2024-03	RAN#103	R5-241239	0392	-	F	Correction to applicability notes for FR2 RRM RLM test cases	18.2.0
2024-03	RAN#103	R5-241302	0395	-	F	Applicability update for several RedCap tests	18.2.0
2024-03	RAN#103	R5-241305	0396	-	F	Update to Applicability General Section	18.2.0
2024-03	RAN#103	R5-241348	0398	-	F	Alignment of status of FR2 UL MIMO test cases	18.2.0
2024-03	RAN#103	R5-241379	0401	-	F	Add subtest selection criteria to RedCap Performance test cases	18.2.0
2024-03	RAN#103	R5-241675	0375	2	F	Addition of applicability for FeMIMO test cases	18.2.0
2024-03	RAN#103	R5-241841	0397	1	F	Update to test selection criteria for RRM tests	18.2.0
2024-03	RAN#103	R5-241842	0366	1	F	Addition of TC applicability statements for ATG UE	18.2.0
2024-03	RAN#103	R5-241843	0367	1	F	Update to R16 NR CADC configuration test cases applicability	18.2.0
2024-03	RAN#103	R5-241844	0404	1	F	Applicability updates for Phase continuity tests	18.2.0
2024-03	RAN#103	R5-241845	0371	1	F	Addition of MMSE-IRC CQI reporting test applicability rule	18.2.0
2024-03	RAN#103	R5-241846	0390	1	F	Applicability update for PDSCH interference test cases	18.2.0
2024-03	RAN#103	R5-241848	0406	1	F	Addition of applicability for RedCap Demod and RRM test cases	18.2.0
2024-03	RAN#103	R5-241849	0380	1	F	Addition of event triggered reporting test cases applicability	18.2.0
2024-03	RAN#103	R5-241850	0384	1	F	Update to RRM Power saving enhancement 5.5.5.9 test case applicability	18.2.0
2024-03	RAN#103	R5-241851	0394	1	F	Update to NR-U test applicability	18.2.0
2024-03	RAN#103	R5-241873	0391	1	F	Add information to non-TXD test cases with UE supports TXD	18.2.0
2024-03	RAN#103	R5-241910	0374	1	F	Update of Applicability and Additional Information of RF conformance test cases for Satellite Access	18.2.0
2024-03	RAN#103	R5-241946	0399	1	F	Update of applicability for FR1 4DL CA test cases	18.2.0
2024-03	RAN#103	R5-241962	0393	1	F	Addition of missing applicability to new SS-RSRQ RedCap test cases	18.2.0
2024-03	RAN#103	R5-241988	0387	1	F	Update to test applicability for R17 FR1 enhancement	18.2.0
2024-03	RAN#103	R5-241993	0372	1	F	Update of Additional Information for 6.5.3.1 in 38.521-1 and 6.5B.3.3.2 in 38.521-3	18.2.0

# History

Document history						
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