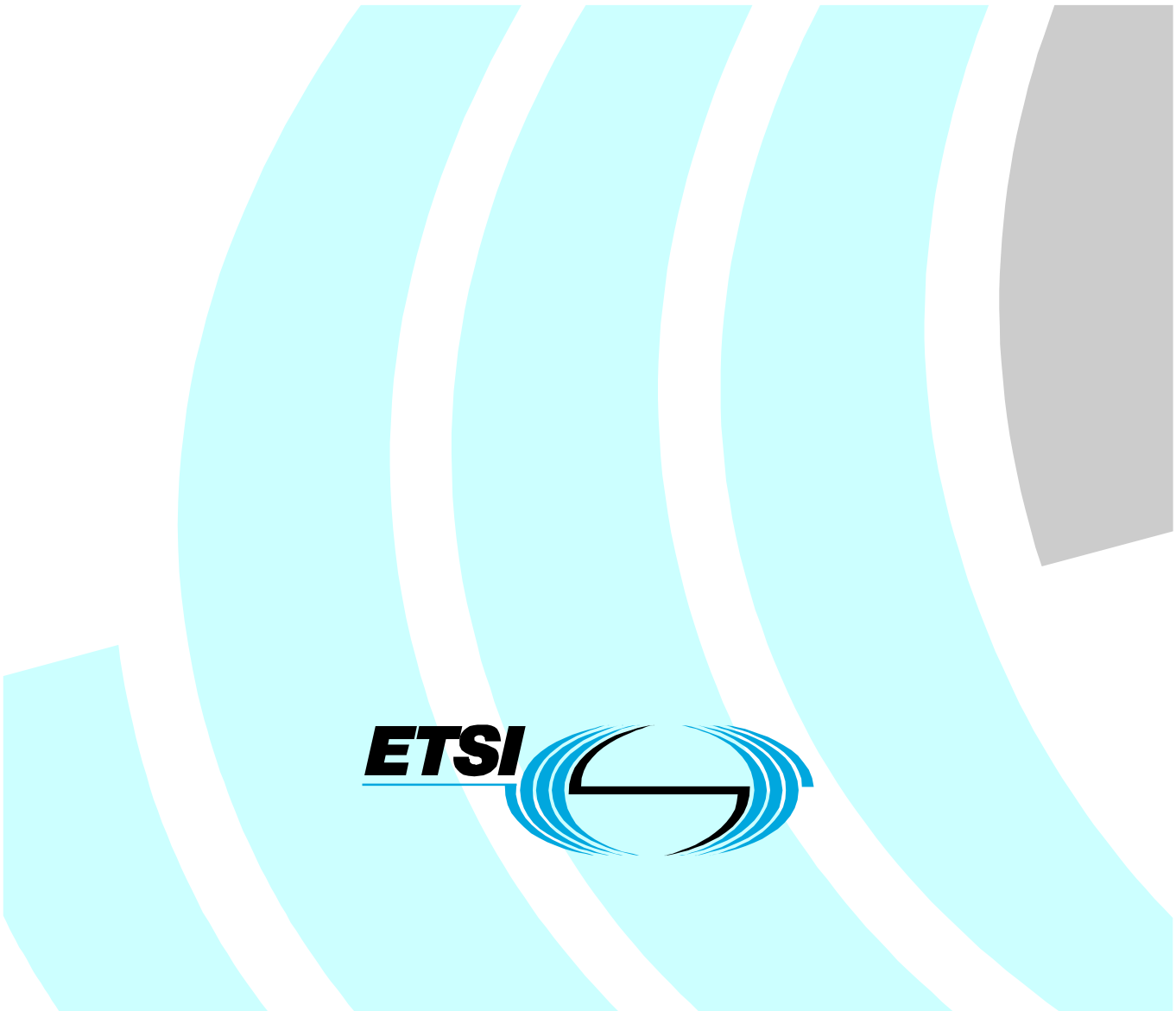
ETSI TS 101 823-5-3 V1.3.1 (2004-08)

Technical Specification

Broadband Radio Access Networks (BRAN);
HIPERLAN Type 2;
Conformance testing for the Data Link Control (DLC) layer;
Part 5: Profile for Home Environment;
Sub-part 3: Profile Test Specification (PTS) -
Profile Specific Test Specification (PSTS)



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ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
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Foreword

This Technical Specification (TS) has been produced by ETSI Project Broadband Radio Access Networks (BRAN).

The present document is part 5, sub-part 3 of a multi-part deliverable. Full details of the entire series can be found in part 1, sub-part 1 [23].

1 Scope

The present document contains the Abstract Test Suite (ATS) to test the BRAN HIPERLAN type 2; Data Link Control (DLC) layer; profile for Home Environment.

The objective of the present document is to provide a basis for conformance tests for BRAN HIPERLAN type 2 equipment giving a high probability of air interface inter-operability between different manufacturers.

The ISO standard for the methodology of conformance testing (ISO/IEC 9646-1 [34] and ISO/IEC 9646-2 [35]) as well as the ETSI rules for conformance testing (ETS 300 406 [33]) are used as a basis for the test methodology.

Annex A provides the Profile Implementation eXtra Information for Testing (IXIT) proforma of the ATS.

Annex B provides the Profile Conformance Test Report (Profile CTR) proforma of the MT side ATS.

Annex C provides the Profile Conformance Test Report (Profile CTR) proforma of the AP/CC side ATS.

Annex D provides the System Conformance Test Report (SCTR) proforma.

Annex E provides the System Conformance Statement (SCS) proforma.

Annex F provides the Tree and Tabular Combined Notation (TTCN) part of the ATS.

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 and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

[1] ETSI TS 101 475 (V1.3.1): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Physical (PHY) layer".

[2] ETSI TS 101 761-1 (V1.3.1): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 1: Basic Data Transport Functions".

[3] ETSI TS 101 761-2 (V1.3.1): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) layer; Part 2: Radio Link Control (RLC) Sublayer".

[4] ETSI TS 101 761-4 (V1.3.2): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment".

[5] ETSI TS 101 761-5 (V1.2.1): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 5: Profile for Home Environment".

[6] ETSI TS 101 493-1 (V1.1.1): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Packet based Convergence Layer; Part 1: Common part".

[7] ETSI TS 101 493-2 (V1.2.1): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Packet based Convergence Layer; Part 2: Ethernet Service Specific Convergence Sublayer (SSCS)".

[8] ETSI TS 101 493-3 (V1.2.1): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Packet based Convergence Layer; Part 3: IEEE 1394 Service Specific Convergence Sublayer (SSCS)".

[9] ETSI TS 101 493-4 (V1.1.1): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Packet based Convergence Layer; Part 4: IEEE 1394 Bridge Specific Functions sub-layer for restricted topology".

[10] ETSI TS 101 762 (V1.1.1): "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Network Management".

[11] ETSI TS 101 811-1-1: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance Testing for the Packet based Convergence Layer; Part 1: Common Part; Sub-part 1: Protocol Implementation Conformance Statement (PICS) proforma ".

[12] ETSI TS 101 811-1-2: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance Testing for the Packet based Convergence Layer; Part 1: Common Part; Sub-part 2: Test Suite Structure and Test Purposes (TSS & TP) specification".

[13] ETSI TS 101 811-1-3: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance Testing for the Packet based Convergence Layer; Part 1: Common Part; Sub-part 3: Abstract Test Suite (ATS) specification".

[14] ETSI TS 101 811-2-1: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance Testing for the Packet based Convergence Layer; Part 2: Ethernet Service Specific Convergence Sublayer (SSCS); Sub-part 1: Protocol Implementation Conformance Statement (PICS) proforma".

[15] ETSI TS 101 811-2-2: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance Testing for the Packet based Convergence Layer; Part 2: Ethernet Service Specific Convergence Sublayer (SSCS); Sub-part 2: Test Suite Structure and Test Purposes (TSS & TP) specification".

[16] ETSI TS 101 811-2-3: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance Testing for the Packet based Convergence Layer; Part 2: Ethernet Service Specific Convergence Sublayer (SSCS); Sub-part 3: Abstract Test Suite (ATS) specification".

[17] ETSI TS 101 811-3-1: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance Testing for the Packet based Convergence Layer; Part 3: IEEE 1394 Service Specific Convergence Sublayer (SSCS); Sub-part 1: Protocol Implementation Conformance Statement (PICS) proforma".

[18] ETSI TS 101 811-3-2: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance Testing for the Packet based Convergence Layer; Part 3: IEEE 1394 Service Specific Convergence Sublayer (SSCS); Sub-part 2: Test Suite Structure and Test Purposes (TSS&TP) specification".

[19] ETSI TS 101 811-3-3: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance Testing for the Packet based Convergence Layer; Part 3: IEEE 1394 Service Specific Convergence Sublayer (SSCS); Sub-part 3: Abstract Test Suite (ATS) specification".

[20] ETSI TS 101 811-4-1: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the packet based convergence layer; Part 4: IEEE 1394 Bridge Layer; Sub-part 1: Protocol Implementation Conformance Statement (PICS) proforma".

[21] ETSI TS 101 811-4-2: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the packet based convergence layer; Part 4: IEEE 1394 Bridge Layer; Sub-part 2: Test Suite Structure and Test Purposes (TSS&TP) specification".

[22] ETSI TS 101 811-4-3: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the packet based convergence layer; Part 4: IEEE 1394 Bridge Layer; Sub-part 3: Abstract Test Suite (ATS) specification".

[23] ETSI TS 101 823-1-1: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 1: Basic data transport functions; Sub-part 1: Protocol Implementation Conformance Statement (PICS) proforma".

[24] ETSI TS 101 823-1-2: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 1: Basic data transport functions; Sub-part 2: Test Suite Structure and Test Purposes (TSS&TP) specification".

[25] ETSI TS 101 823-1-3: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 1: Basic data transport functions; Sub-part 3: Abstract Test Suite (ATS) specification".

[26] ETSI TS 101 823-2-1: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 2: Radio Link Control (RLC) sublayer; Sub-part 1: Protocol Implementation Conformance Statement (PICS) proforma".

[27] ETSI TS 101 823-2-2: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 2: Radio Link Control (RLC) sublayer; Sub-part 2: Test Suite Structure and Test Purposes (TSS&TP) specification".

[28] ETSI TS 101 823-2-3: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 2: Radio Link Control (RLC) sublayer; Sub-part 3: Abstract Test Suite (ATS) specification".

[29] ETSI TS 101 823-4-1: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 4: Extension for Home Environment; Sub-part 1: Protocol Implementation Conformance Statement (PICS) proforma".

[30] ETSI TS 101 823-4-2: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 4: Extension for Home Environment; Sub-part 2: Test Suite Structure and Test Purposes (TSS&TP) specification".

[31] ETSI TS 101 823-4-3: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 4: Extension for Home Environment; Sub-part 3: Abstract Test Suite (ATS) specification".

[32] ETSI TS 101 823-5-1: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 5: Profile for Home Environment; Sub-part 1: Profile Requirement List proforma specification".

[33] ETSI ETS 300 406: "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".

[34] ISO/IEC 9646-1 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts". (See also ITU-T Recommendation X.290 (1995)).

[35] ISO/IEC 9646-2 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract Test Suite specification". (See also ITU-T Recommendation X.291 (1995)).

[36] ISO/IEC 9646-3 (1998): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 3: The Tree and Tabular Combined Notation (TTCN)". (See also ITU-T Recommendation X.292 (2002)).

[37] ISO/IEC 9646-5 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 5: Requirements on test laboratories and clients for the conformance assessment process".

[38] ISO/IEC 9646-6 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 6: Protocol profile test specification".

[39] ISO/IEC 9646-7 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statement".

[40] ETSI TS 101 823-5-2: "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Conformance testing for the Data Link Control (DLC) layer; Part 5: Profile for Home Environment; Sub-part 2: Profile Test Specification (PTS) - Summary".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in ISO/IEC 9646-7 [39], TS 101 761-2 [3] and TS 101 761-5 [5] apply.

3.2 Abbreviations

For the purposes of the present document, the abbreviations defined in ISO/IEC 9646-1 [34], ISO/IEC 9646-6 [38], ISO/IEC 9646-7 [39], TS 101 761-2 [3], TS 101 761-5 [5] and the following apply:

ACF	Association Control Function
ACH	Access feedback CHannel
AP	Access Point
APT	Access Point Transceiver
ARQ	Automatic Repeat Request
BCH	Broadcast CHannel
CA	Capability tests
CC	Central Controller
CL	Convergence Layer
DFS	Dynamic Frequency Selection
DLC	Data Link Control
DM	Direct Mode
DUC	DLC User Connection
IUT	Implementation Under Test
LCH	Long CHannel
MAC	Medium Access Control
MAC-ID	MAC IDentifier
MT	Mobile Terminal
PHY	Physical layer
PICS	Protocol Implementation Conformance Statement
RLC	Radio Link Control
RRC	Radio Resource Control
RSS	Received Signal Strength
SAP	Service Access Point
SCH	Short CHannel
TP	Test Purposes
TSS	Test Suite Structure

4 Physical Layer - Home Environments

The physical layer used in this profile is defined in TS 101 475 [1]. The requirements for radio conformance testing regarding the physical layer are out of scope of this profile and are not relevant. Therefore, no additional test cases are provided for the purpose of this profile.

5 DLC protocol - Home Environments

5.1 Basic Data Transport Function

5.1.1 Test suite structure

The DLC protocol for Basic Data Transport Function used by this profile is defined in TS 101 761-1 [2]. The test suite structure for Basic Data Transport Function testing is defined in TS 101 823-1-2 [24] and is relevant for this profile.

5.1.2 Additional test purposes

No additional test purposes are provided for the purpose of this profile.

5.1.3 Abstract test method

The abstract test method for Basic Data Transport Function testing is defined in TS 101 823-1-3 [25] clause 4 and is relevant for this profile.

5.1.4 Relevant test cases

The following test cases defined in TS 101 823-1-3 [25] are relevant for the profile:

For MT side:

TC-MT-ECM-AM-CA-000, TC-MT-ECM-AM-CA-001, TC-MT-ECM-AM-CA-002,
TC-MT-ECM-AM-CA-003, TC-MT-ECM-AM-CA-004, TC-MT-ECM-AM-CA-005,
TC-MT-ECM-AM-CA-006, TC-MT-ECM-AM-CA-007, TC-MT-ECM-AM-CA-008,
TC-MT-ECM-AM-CA-009, TC-MT-ECM-AM-CA-010, TC-MT-ECM-AM-CA-011,
TC-MT-ECM-AM-CA-012, TC-MT-ECM-AM-CA-013, TC-MT-ECM-AM-CA-014;

For AP/CC side:

TC-AP-ECM-AM-CA-000, TC-AP-ECM-AM-CA-001, TC-AP-ECM-AM-CA-002,
TC-AP-ECM-AM-CA-003, TC-AP-ECM-AM-CA-004, TC-AP-ECM-AM-CA-005,
TC-AP-ECM-AM-CA-006, TC-AP-ECM-AM-CA-007, TC-AP-ECM-AM-CA-008,
TC-AP-ECM-AM-CA-009, TC-AP-ECM-AM-CA-010, TC-AP-ECM-AM-CA-011,
TC-AP-ECM-AM-CA-012, TC-AP-ECM-AM-CA-013, TC-AP-ECM-AM-CA-014.

5.1.5 Additional test cases

No additional test cases are provided for the purpose of this profile.

5.2 Radio Link Control (RLC) Sub-layer

5.2.1 Test suite structure

The DLC protocol for Radio Link Control (RLC) Sub-layer used by this profile is defined in TS 101 761-2 [3]. The test suite structure for Radio Link Control (RLC) Sub-layer testing is defined in TS 101 823-2-2 [27] and is relevant for this profile.

5.2.2 Additional test purposes

No additional test purposes are provided for the purpose of this profile.

5.2.3 Abstract test method

The abstract test method for Radio Link Control (RLC) Sub-layer testing is defined in TS 101 823-2-3 [28], clause 4 and is relevant for this profile.

5.2.4 Relevant test cases

The following test cases defined in TS 101 823-2-3 [28] are relevant for the profile:

For MT side:

TC-MT-ACF-RA-CA-000, TC-MT-ACF-RA-CA-001, TC-MT-ACF-RA-CA-002, TC-MT-ACF-RA-CA-003, TC-MT-ACF-RA-CA-004, TC-MT-ACF-RA-CA-005, TC-MT-ACF-MA-CA-000, TC-MT-ACF-LC-CA-000, TC-MT-ACF-EN-CA-000, TC-MT-ACF-AU-CA-000, TC-MT-ACF-AU-CA-001, TC-MT-ACF-AU-CA-002, TC-MT-ACF-AU-CA-003, TC-MT-ACF-AU-CA-004, TC-MT-ACF-AU-CA-005, TC-MT-ACF-AU-CA-006, TC-MT-ACF-AU-CA-007, TC-MT-ACF-AU-CA-008, TC-MT-ACF-AU-CA-009, TC-MT-ACF-AU-CA-010, TC-MT-ACF-AU-CA-011, TC-MT-ACF-AU-CA-012, TC-MT-ACF-CK-CA-000, TC-MT-ACF-IT-CA-000, TC-MT-ACF-MT-CA-000, TC-MT-ACF-MT-CA-001, TC-MT-ACF-MT-CA-002, TC-MT-ACF-MT-CA-003, TC-MT-ACF-DI-CA-000, TC-MT-ACF-DI-CA-001, TC-MT-ACF-KR-CA-000, TC-MT-ACF-KR-CA-001, TC-MT-ACF-UM-CA-000, TC-MT-ACF-TI-000, TC-MT-ACF-TI-001, TC-MT-ACF-TI-002, TC-MT-RRC-RQ-CA-000, TC-MT-RRC-RP-CA-000, TC-MT-RRC-RP-CA-001, TC-MT-RRC-RP-CA-002, TC-MT-RRC-SH-CA-000, TC-MT-RRC-SH-CA-001, TC-MT-RRC-RH-CA-000, TC-MT-RRC-RH-CA-001, TC-MT-RRC-RH-CA-002, TC-MT-RRC-RH-CA-003, TC-MT-RRC-NH-CA-000, TC-MT-RRC-NH-CA-001, TC-MT-RRC-NH-CA-002, TC-MT-RRC-NH-CA-003, TC-MT-RRC-NH-CA-004, TC-MT-RRC-NH-CA-005, TC-MT-RRC-NH-CA-006, TC-MT-RRC-NH-CA-007, TC-MT-RRC-SL-CA-000, TC-MT-RRC-AL-CA-000, TC-MT-RRC-AL-CA-001, TC-MT-RRC-AB-CA-000, TC-MT-RRC-AB-CA-001, TC-MT-RRC-UM-CA-000, TC-MT-RRC-TI-000, TC-MT-RRC-TI-001;

For AP/CC side:

TC-AP-ACF-RA-CA-000, TC-AP-ACF-RA-CA-001, TC-AP-ACF-MA-CA-000, TC-AP-ACF-LC-CA-000, TC-AP-ACF-EN-CA-000, TC-AP-ACF-AU-CA-000, TC-AP-ACF-AU-CA-001, TC-AP-ACF-AU-CA-002, TC-AP-ACF-AU-CA-003, TC-AP-ACF-AU-CA-004, TC-AP-ACF-AU-CA-005, TC-AP-ACF-AU-CA-006, TC-AP-ACF-AU-CA-007, TC-AP-ACF-AU-CA-008, TC-AP-ACF-AU-CA-009, TC-AP-ACF-AU-CA-010, TC-AP-ACF-AU-CA-011, TC-AP-ACF-AU-CA-012, TC-AP-ACF-CK-CA-000, TC-AP-ACF-IT-CA-000, TC-AP-ACF-MT-CA-000, TC-AP-ACF-MT-CA-001, TC-AP-ACF-MT-CA-002, TC-AP-ACF-MT-CA-003, TC-AP-ACF-DI-CA-000, TC-AP-ACF-DI-CA-001, TC-AP-ACF-KR-CA-000, TC-AP-ACF-KR-CA-001, TC-AP-ACF-KR-CA-002, TC-AP-ACF-AR-CA-000, TC-AP-ACF-AR-CA-001, TC-AP-ACF-UM-CA-000, TC-AP-ACF-TI-000, TC-AP-ACF-TI-001, TC-AP-ACF-TI-002, TC-AP-RRC-RQ-CA-000, TC-AP-RRC-RQ-CA-001, TC-AP-RRC-RQ-CA-002, TC-AP-RRC-RQ-CA-003, TC-AP-RRC-RQ-CA-004, TC-AP-RRC-RQ-CA-005, TC-AP-RRC-RQ-CA-006, TC-AP-RRC-RQ-CA-007, TC-AP-RRC-SH-CA-000, TC-AP-RRC-RH-CA-000, TC-AP-RRC-NH-CA-000, TC-AP-RRC-NH-CA-001, TC-AP-RRC-NH-CA-002, TC-AP-RRC-NH-CA-003, TC-AP-RRC-NH-CA-004, TC-AP-RRC-NH-CA-005, TC-AP-RRC-NH-CA-006, TC-AP-RRC-HR-CA-000, TC-AP-RRC-SL-CA-000, TC-AP-RRC-AL-CA-000, TC-AP-RRC-AL-CA-001, TC-AP-RRC-AB-CA-000, TC-AP-RRC-AB-CA-001, TC-AP-RRC-AB-CA-002, TC-AP-RRC-UM-CA-000, TC-AP-RRC-TI-000, TC-AP-RRC-TI-001, TC-AP-RRC-TI-002.

5.2.5 Additional test cases

No additional test cases are provided for the purpose of this profile.

5.3 Extension for Home Environment Sub-layer

5.3.1 Test suite structure

The DLC protocol for Extension for Home Environment Sub-layer used by this profile is defined in TS 101 761-4 [4]. The test suite structure for Extension for Home Environment Sub-layer testing is defined in TS 101 823-4-2 [30] and is relevant for this profile.

5.3.2 Additional test purposes

No additional test purposes are provided for the purpose of this profile.

5.3.3 Abstract test method

The abstract test method for Extension for Home Environment Sub-layer testing is defined in TS 101 823-4-3 [31] clause 4 and is relevant for this profile.

5.3.4 Relevant test cases

The following test cases defined in TS 101 823-4-3 [31] are relevant for the profile: .

For MT side:

TP-MT-LCP-TC-CA-000, TP-MT-LCP-PC-CA-000, TP-MT-LCP-PC-CA-001, TP-MT-LCP-PC-CA-002, TP-MT-LCP-PC-CA-003, TP-MT-LCP-PC-CA-004, TP-MT-LCP-LQ-CA-000, TP-MT-LCP-LQ-CA-001, TP-MT-LCP-LQ-CA-002, TP-MT-LCP-DC-CA-000, TP-MT-LCP-DC-CA-001, TP-MT-LCP-DC-CA-002, TP-MT-LCP-DC-CA-003, TP-MT-LCP-DC-CA-004, TP-MT-LCP-DC-CA-005, TP-MT-LCP-DC-CA-006, TP-MT-LCP-AK-CA-000, TP-MT-LCP-AK-CA-001, TP-MT-LCP-AK-CA-002;

For AP/CC side:

TP-AP-LCP-TC-CA-000, TP-AP-LCP-LQ-CA-000, TP-AP-LCP-LQ-CA-001, TP-AP-LCP-LQ-CA-002, TP-AP-LCP-LQ-CA-003, TP-AP-LCP-LQ-CA-004, TP-AP-LCP-LQ-CA-005, TP-AP-LCP-DC-CA-000, TP-AP-LCP-DC-CA-001, TP-AP-LCP-DC-CA-002, TP-AP-LCP-DC-CA-003, TP-AP-LCP-DC-CA-004, TP-AP-LCP-DC-CA-005, TP-AP-LCP-DC-CA-006, TP-AP-LCP-DC-CA-007, TP-AP-LCP-DC-CA-008, TP-AP-LCP-DC-CA-009, TP-AP-LCP-DC-CA-010, TP-AP-LCP-DC-CA-011, TP-AP-LCP-DC-CA-012, TP-AP-LCP-DC-CA-013, TP-AP-LCP-DS-CA-000, TP-AP-LCP-DS-CA-001, TP-AP-LCP-CH-CA-000, TP-AP-LCP-CH-CA-001, TP-AP-LCP-CH-CA-002, TP-AP-LCP-CH-CA-003, TP-AP-LCP-CH-CA-004, TP-AP-LCP-CH-CA-005, TP-AP-LCP-CH-CA-006, TP-AP-LCP-AK-CA-000, TP-AP-LCP-AK-CA-001.

5.3.5 Additional test cases

No additional test cases are provided for the purpose of this profile.

6 Packet based Convergence Layer - Home Environments

6.1 Common part functions

6.1.1 Test suite structure

The Common part functions of the Packet based Convergence Layer used by this profile is defined in TS 101 493-1 [6]. The test suite structure for Common part functions testing is defined in TS 101 811-1-2 [12] and is relevant for this profile.

6.1.2 Additional test purposes

No additional test purposes are provided for the purpose of this profile.

6.1.3 Abstract test method

The abstract test method for Common part functions testing is defined in TS 101 811-1-3 [13] clause 4 and is relevant for this profile.

6.1.4 Relevant test cases

The following test cases defined in TS 101 811-1-3 [13] are relevant for the profile: .

For MT side:
TC-MT-CPP-SS-CA-000, TC-MT-CPP-SS-CA-001, TC-MT-CPP-SS-CA-002, TC-MT-CPP-RS-CA-000, TC-MT-CPP-RS-CA-001, TC-MT-CPP-RS-CA-002, TC-MT-CPP-RS-CA-003, TC-MT-CPP-RS-CA-004, TC-MT-CPP-RS-CA-005, TC-MT-CPP-RS-CA-006;

For AP/CC side:
TC-AP-CPP-SS-CA-000, TC-AP-CPP-SS-CA-001, TC-AP-CPP-SS-CA-002, TC-AP-CPP-RS-CA-000, TC-AP-CPP-RS-CA-001, TC-AP-CPP-RS-CA-002, TC-AP-CPP-RS-CA-003, TC-AP-CPP-RS-CA-004, TC-AP-CPP-RS-CA-005, TC-AP-CPP-RS-CA-006.

6.1.5 Additional test cases

No additional test cases are provided for the purpose of this profile.

6.2 Ethernet Service Specific Convergence Sublayer

6.2.1 Test suite structure

The Ethernet Service Specific Convergence Sublayer of the Packet based Convergence Layer used by this profile is defined in TS 101 493-2 [7]. The test suite structure for Ethernet Service Specific Convergence Sublayer testing is defined in TS 101 811-2-2 [15] and is relevant for this profile.

6.2.2 Additional test purposes

No additional test purposes are provided for the purpose of this profile.

6.2.3 Abstract test method

The abstract test method Ethernet Service Specific Convergence Sublayer testing is defined in TS 101 811-2-3 [16] clause 4 and is relevant for this profile.

6.2.4 Relevant test cases

The following test cases defined in TS 101 811-2-3 [16] are relevant for the profile:

For MT side:
TC-MT-ESP-AC-CA-000, TC-MT-ESP-AC-CA-001, TC-MT-ESP-DL-CA-000, TC-MT-ESP-DL-CA-001, TC-MT-ESP-HN-CA-000, TC-MT-ESP-ML-CA-000;

For AP/CC side:
TC-AP-ESP-AC-CA-000, TC-AP-ESP-AC-CA-001, TC-AP-ESP-AC-CA-002, TC-AP-ESP-DL-CA-000, TC-AP-ESP-DL-CA-001, TC-AP-ESP-ML-CA-001.

6.2.5 Additional test cases

No additional test cases are provided for the purpose of this profile.

6.3 IEEE 1394 Service Specific Convergence Sublayer

6.3.1 Test suite structure

The IEEE 1394 Service Specific Convergence Sublayer of the Packet based Convergence Layer used by this profile is defined in TS 101 493-3 [8]. The test suite structure for IEEE 1394 Service Specific Convergence Sublayer testing is defined in TS 101 811-3-2 [18] and is relevant for this profile.

6.3.2 Additional test purposes

No additional test purposes are provided for the purpose of this profile.

6.3.3 Abstract test method

The abstract test method IEEE 1394 Service Specific Convergence Sublayer testing is defined in TS 101 811-3-3 [19] clause 4 and is relevant for this profile.

6.3.4 Relevant test cases

The following test cases defined in TS 101 811-3-3 [19] are relevant for the profile:

For MT side:

TC-MT-CPP-AI-CA-000, TC-MT-CPP-BR-CA-000, TC-MT-CPP-BR-CA-001, TC-MT-CPP-BR-CA-002, TC-MT-CPP-BR-CA-003, TC-MT-CPP-CI-CA-000, TC-MT-CPP-CI-CA-001, TC-MT-CPP-CI-CA-002, TC-HS-UPP-IS-CA-004, TC-HS-UPP-IS-CA-005, TC-HS-UPP-IS-CA-006, TC-HS-UPP-IS-CA-007, TC-HS-UPP-IS-CA-008, TC-HS-UPP-IS-CA-009, TC-HS-UPP-IS-CA-010, TC-HS-UPP-IS-CA-011, TC-HS-UPP-IS-CA-012, TC-HS-UPP-IS-CA-013, TC-HS-UPP-IS-CA-021, TC-HS-UPP-IS-CA-022, TC-HS-UPP-IS-CA-027, TC-HS-UPP-IS-CA-028, TC-HS-UPP-IS-CA-029, TC-HS-UPP-IS-CA-030.

For AP/CC side:

TC-AP-CPP-AI-CA-000, TC-AP-CPP-BR-CA-000, TC-AP-CPP-BR-CA-001, TC-AP-CPP-BR-CA-002, TC-AP-CPP-BR-CA-003, TC-AP-CPP-BR-CA-004, TC-AP-CPP-BR-CA-005, TC-AP-CPP-BR-CA-006, TC-AP-CPP-BR-CA-007, TC-AP-CPP-BR-CA-008, TC-AP-CPP-BR-CA-009, TC-AP-CPP-CI-CA-000, TC-AP-CPP-CI-CA-001, TC-AP-CPP-CI-CA-002, TC-AP-CPP-RH-CA-000, TC-AP-CPP-RH-CA-001, TC-HS-UPP-IS-CA-000, TC-HS-UPP-IS-CA-001, TC-HS-UPP-IS-CA-002, TC-HS-UPP-IS-CA-003, TC-HS-UPP-IS-CA-004, TC-HS-UPP-IS-CA-005, TC-HS-UPP-IS-CA-006, TC-HS-UPP-IS-CA-007, TC-HS-UPP-IS-CA-008, TC-HS-UPP-IS-CA-009, TC-HS-UPP-IS-CA-010, TC-HS-UPP-IS-CA-011, TC-HS-UPP-IS-CA-012, TC-HS-UPP-IS-CA-013, TC-HS-UPP-IS-CA-014, TC-HS-UPP-IS-CA-015, TC-HS-UPP-IS-CA-016, TC-HS-UPP-IS-CA-017, TC-HS-UPP-IS-CA-018, TC-HS-UPP-IS-CA-019, TC-HS-UPP-IS-CA-020, TC-HS-UPP-IS-CA-021, TC-HS-UPP-IS-CA-022, TC-HS-UPP-IS-CA-023, TC-HS-UPP-IS-CA-024, TC-HS-UPP-IS-CA-025, TC-HS-UPP-IS-CA-026, TC-HS-UPP-IS-CA-027, TC-HS-UPP-IS-CA-028, TC-HS-UPP-IS-CA-029, TC-HS-UPP-IS-CA-030.

6.3.5 Additional test cases

No additional test cases are provided for the purpose of this profile.

6.4 IEEE 1394 Bridge Specific Functions Sublayer

6.4.1 Test suite structure

The IEEE 1394 Bridge Specific Functions Sublayer of the Packet based Convergence Layer used by this profile is defined in TS 101 493-4 [9]. The test suite structure for IEEE 1394 Bridge Specific Functions Sublayer testing is defined in TS 101 811-4-2 [21] and is relevant for this profile.

6.4.2 Additional test purposes

No additional test purposes are provided for the purpose of this profile.

6.4.3 Abstract test method

The abstract test method IEEE 1394 Bridge Specific Functions Sublayer testing is defined in TS 101 811-4-3 [22] clause 4 and is relevant for this profile.

6.4.4 Relevant test cases

The following test cases defined in TS 101 811-4-3 [22] are relevant for the profile: .

For MT side:
TC-MT-UBP-WE-CA-000, TC-MT-UBP-WE-CA-001, TC-MT-RBP-WE-CA-000.

For AP/CC side:
TC-AP-UBP-WE-CA-000, TC-AP-RBP-WE-CA-000.

6.4.5 Additional test cases

No additional test cases are provided for the purpose of this profile.

7 Network Management - Home Environments

The Network Management used in this profile is defined in TS 101 762 [10]. No additional Network Management testing is provided for the purpose of this profile.

Annex A (normative): Profile Implementation eXtra Information for Testing (IXIT) proforma

Notwithstanding the provisions of the copyright clause related to the text of the present document, ETSI grants users of the present document to freely reproduce the Profile IXIT proforma in this clause so that it can be used for its intended purposes and may further publish the completed Profile IXIT.

The PIXIT proforma is based on ISO/IEC 9646-6 [38]. Any needed additional information can be found in this international standard.

A.1 Identification summary

Table A.1: Identification summary

PIXIT Number:	
Test Laboratory Name:	
Date of Issue:	
Issued to:	

A.2 ATS summary

Table A.2: ATS summary

Protocol Specification:	
Protocol to be tested:	
ATS Specification:	
Abstract Test Method:	

A.3 Test laboratory

Table A.3: Test laboratory

Test Laboratory Identification:	
Test Laboratory Manager:	
Means of Testing:	
SAP Address:	

A.4 Client identification

Table A.4: Client identification

Client Identification:	
Client Test manager:	
Test Facilities required:	

A.5 SUT

Table A.5: SUT

Name:	
Version:	
SCS Number:	
Machine configuration:	
Operating System Identification:	
IUT Identification:	
PICS Reference for IUT:	
Limitations of the SUT:	
Environmental Conditions:	

A.6 IUT information

Table A.6: Configuration parameters

Name/Type	Comments	Value
TSPX_net_id1 NET_ID	Value of the NET_ID parameter for the entity 1 of the tester.	
TSPX_ap_id1 AP_ID	Value of the AP_ID parameter for the entity 1 of the tester.	
TSPX_sector1 SECTOR_ID	Value of the SECTOR_ID parameter for the entity 1 of the tester.	
TSPX_number1 SECTOR_ID	Value of the number of sector parameter for the entity 1 of the tester.	
TSPX_tx1 AP_TX_LEVEL	Value of the AP_TX_LEVEL parameter for the entity 1 of the tester.	
TSPX_rx1 AP_RX_UL_LEVEL	Value of the AP_RX_UL_LEVEL parameter for the entity 1 of the tester.	
TSPX_vers1 VERSION	Value of the VERSION parameter for the entity 1 of the tester.	
TSPX_load1 AP_TRAFFIC_LOAD	Value of the AP_TRAFFIC_LOAD parameter for the entity 1 of the tester.	
TSPX_max1 MAXIMUM_POWER	Value of the MAXIMUM_POWER parameter for the entity 1 of the tester.	
TSPX_net_id2 NET_ID	Value of the NET_ID parameter for the entity 2 of the tester.	
TSPX_ap_id2 AP_ID	Value of the AP_ID parameter for the entity 2 of the tester.	
TSPX_sector2 SECTOR_ID	Value of the SECTOR_ID parameter for the entity 2 of the tester.	
TSPX_number2 SECTOR_ID	Value of the number of sector parameter for the entity 2 of the tester.	
TSPX_tx2 AP_TX_LEVEL	Value of the AP_TX_LEVEL parameter for the entity 2 of the tester.	
TSPX_rx2 AP_RX_UL_LEVEL	Value of the AP_RX_UL_LEVEL parameter for the entity 2 of the tester.	
TSPX_vers2 VERSION	Value of the VERSION parameter for the entity 2 of the tester.	
TSPX_load2 AP_TRAFFIC_LOAD	Value of the AP_TRAFFIC_LOAD parameter for the entity 2 of the tester.	
TSPX_max2 MAXIMUM_POWER	Value of the MAXIMUM_POWER parameter for the entity 2 of the tester.	

Table A.7: General parameters

Name/Type	Comments	Value
TSPX_duc_descr DUC_DESCR	Content of the DUC_DESCR defining full duplex DUC.	
TSPX_mtu_value INTEGER	Value of the maximum transmission unit used by the Convergence Layer to be tested.	
TSPX_lch_phy_mode REPORTED_PHY_MODE	Content of the LCH phy mode for ARQ.	
TSPX_sch_phy_mode REPORTED_PHY_MODE	Content of the SCH phy mode for ARQ.	
TSPX_magic MAGIC	Content of the MAGIC field.	
TSPX_opId BOOLEAN	Content of the BOOLEAN field.	
TSPX_macID MAC_ID	Content of the MAC_ID field.	
TSPX_unique_length UNIQUE_LENGTH	Content of the UNIQUE_LENGTH field.	
TSPX_cug C_U_G	Content of the C_U_G field.	
TSPX_op_id_local NETW_OP_ID_LOCAL	Content of the NETW_OP_ID_LOCAL field.	
TSPX_op_id_global NETW_OP_ID_GLOBAL	Content of the NETW_OP_ID_GLOBAL field.	
TSPX_profile_vid_list PROFILE_VID_LIST	Content of the PROFILE_VID_LIST field.	
TSPX_opid_lo_no_match NETW_OP_ID_LOCAL	Value of the Local Op_Id field that does not match with the allowed MT list.	
TSPX_opid_gl_no_match NETW_OP_ID_GLOBAL	Value of the Global Op_Id field that does not match with the allowed MT list.	
TSPX_profile_vid_no_match PROFILE_VID_LIST	Value of the Profile_Vid_list field in which every Profile_Vid does not match with any of the allowed MT list.	

Table A.8: Specific parameters for testing

Name/Type	Comments	Value
TSPX_apt_address_length1 APT_ADDRESS_LENGTH	Content of the APT_ADDRESS_LENGTH field.	
TSPX_profile_vid_list1 PROFILE_VID_LIST	Content of the PROFILE_VID_LIST field.	
TSPX_rss_value1 RSS_VALUE	Content of the RSS_VALUE field.	
TSPX_supported64QAM1 SUPPORTED64QAM	Content of the SUPPORTED64QAM field.	
TSPX_direct_mode_cap1 DIRECT_MODE_CAP	Content of the DIRECT_MODE_CAP field.	
TSPX_cyclic_prefix1 CYCLIC_PREFIX	Content of the CYCLIC_PREFIX field.	
TSPX_support_fca1 SUPPORTED_FCA	Content of the SUPPORTED_FCA field.	
TSPX_support_fsa1 SUPPORTED_FSA	Content of the SUPPORTED_FSA field.	
TSPX_ho_cap1 HO_CAP	Content of the HO_CAP field.	
TSPX_cc_ho_cap1 CC_HO_CAP	Content of the CC_HO_CAP field.	
TSPX_time_gap1 TIME_GAP_ACH_UPLINK	Content of the TIME_GAP_ACH_UPLINK field.	
TSPX_duty_cycle1 DUTY_CYCLE	Content of the DUTY_CYCLE field.	
TSPX_arq_delay_rx1 ARQ_DELAY	Content of the RX ARQ_DELAY field.	
TSPX_arq_delay_tx1 ARQ_DELAY	Content of the TX ARQ_DELAY field.	
TSPX_auth_encr_list1 AUTHENTICATION_ENCRYPTION_LIST	Content of the AUTHENTICATION_ENCRYPTION_LIST field.	
TSPX_dm_attributes1 DM_ATTIBUTES	Content of the DM_ATTIBUTES field.	
TSPX_cl_vid_present1 CL_VID_PRESENT	Content of the CL_VID_PRESENT field.	
TSPX_cl_vid_list1 CL_VID_LIST	Content of the CL_VID_LIST field.	
TSPX_dm_use_common_key1 DM_USE_COMMON_KEY	Content of the DM_USE_COMMON_KEY field.	
TSPX_freq_band1 FREQUENCY_BAND	Content of the FREQUENCY_BAND field.	
TSPX_frequency_index1 FREQUENCY_INDEX	Content of the FREQUENCY_INDEX field.	
TSPX_last_mac_frame LAST_MAC_FRAME	Content of the LAST_MAC_FRAME field.	

Table A.9: Home extension authentication parameters

Name/Type	Comments	Value
TSPX_valid_key VALID_KEY	Content of the valid_key field for authentication.	
TSPX_auth_key_length AUTH_KEY_LENGTH	Content of the auth_key_length field for authentication.	
TSPX_pin_code_length PIN_CODE_LENGTH	Content of the pin_code_length field for authentication.	
TSPX_auth_key AUTH_KEY	Content of the auth_key field for authentication.	
TSPX_pin_code PIN_CODE	Content of the pin_code field for authentication.	
TSPX_mt_id_number_lgth MT_ID_NUMBER_LENGTH	Content of the Length of mt_id_number field for authentication.	
TSPX_mt_id_number MT_ID_NUMBER	Content of the mt_id_number field for authentication.	

Table A.10: Authentication parameters

Name/Type	Comments	Value
TSPX_auth_content_ieee MT_AUTH_CONTENT	Authentication content for ieee.	
TSPX_auth_ct_ext_ieee MT_AUTH_CONTENT	Authentication content for ext. ieee.	
TSPX_auth_ct_net_acc_id MT_AUTH_CONTENT	Authentication content for net_acc_id. Short length (≤ 46 octets) first part.	
TSPX_auth_ct_net_acc_id_l1 MT_AUTH_CONTENT	Authentication content for net_acc_id. Long length (> 46 octets) first part.	
TSPX_auth_ct_net_acc_id_l2 MT_AUTH_CONTENT	Authentication content for net_acc_id. Long length (> 46 octets) second part.	
TSPX_auth_ct_compressed MT_AUTH_CONTENT	Authentication content for compressed.	
TSPX_auth_ct_generic MT_AUTH_CONTENT	Authentication content for generic. Short length (≤ 46 octets) first part.	
TSPX_auth_ct_generic_l1 MT_AUTH_CONTENT	Authentication content for generic. Long length (> 46 octets) first part.	
TSPX_auth_ct_generic_l2 MT_AUTH_CONTENT	Authentication content for generic. Long length (> 46 octets) second part.	
TSPX_auth_ct_distinguished_name MT_AUTH_CONTENT	Authentication content for Distinguished name Short length (≤ 46 octets) first part.	
TSPX_auth_ct_distinguished_name_l1 MT_AUTH_CONTENT	Authentication content for Distinguished name Long length (> 46 octets) first part.	
TSPX_auth_ct_distinguished_name_l2 MT_AUTH_CONTENT	Authentication content for Distinguished name Long length (> 46 octets) second part.	

Table A.11: Encryption parameters

Name/Type	Comments	Value
TSPX_PresharedKey B_128	Value of the Pre Shared Key.	
TSPX_Rsa512Key B_512	Value of the RSA 512 public Key.	
TSPX_Rsa768Key B_768	Value of the RSA 768 public Key.	
TSPX_Rsa1024Key B_1024	Value of the RSA 1024 public Key.	
TSPX_ApprivateKey B_1_1024	Value of the AP private Key.	

Table A.12: DM COMMON KEY distribution message

Name/Type	Comments	Value
TSPX_ck_encr_info ENCR_INFO	Value of the encr_info field.	
TSPX_ck_key_id KEY_ID	Value of the Key_Id field.	
TSPX_common_key COMMON_KEY	Value of the common key field.	

Table A.13: COMMON KEY REFRESH message

Name/Type	Comments	Value
TSPX_nonce NONCE	Value of the nonce field.	

Table A.14: INFO message

Name/Type	Comments	Value
TSPX_cl_data CL_DATA	Value of the cl data field.	
TSPX_dlc_attributes DLC_ATTRIBUTES	Value of the dlc attributes field.	
TSPX_cl_atm_data CL_DATA	Content of the cl data field in case of atm uni SSCS.	
TSPX_cl_atm_hn_data CL_DATA	Content of the cl data field in case of network handover for atm uni SSCS.	
TSPX_cl_eth_data CL_DATA	Content of the cl data field in case of Ethernet SSCS.	
TSPX_cl_eth_hn_data CL_DATA	Content of the cl data field in case of network handover for Ethernet SSCS.	

Table A.15: TRANS_CC_DATA message

Name/Type	Comments	Value
TSPX_ext_ind EXT_IND	Value of the ext_ind field for CC responsibility handover testing in case of home extension.	
TSPX_data DATA	Value of the data field for CC responsibility handover testing in case of home extension.	

Table A.16: DM Power Control message

Name/Type	Comments	Value
TSPX_dm_duc_type DM_DUC_TYPE	Content of dm_duc_type field.	
TSPX_wt_tx_level WT_TX_LEVEL	Content of wt_tx_level field.	
TSPX_adjust_tx ADJUST_TX	Content of adjust_tx field.	

Table A.17: Setup message

Name/Type	Comments	Value
TSPX_cl_id CL_ID	Content of Cl_Id field.	
TSPX_duc_ext_ind DUC_EXT_IND	Content of duc_ext_ind field.	
TSPX_cl_attr_lgth INTEGER	Content of cl_attr_lgth field.	
TSPX_duc_descr_list DUC_DESCR_LIST	Content of duc_descr_list field.	

Table A.18: DM_Setup message

Name/Type	Comments	Value
TSPX_peer_mac_id MAC_ID	Content of perr_mac_id field.	
TSPX_cl_common_attr CL_COMMON_ATTR	Content of cl_common_attr field.	

Table A.19: DM MC Setup message

Name/Type	Comments	Value
TSPX_min_req_receivers INTEGER	Content of min_req_receivers field.	

Table A.20: Modify Req message

Name/Type	Comments	Value
TSPX_duc_ext_ind2 DUC_EXT_IND	Content of duc_descr_ind field.	
TSPX_cl_attr_lgth2 INTEGER	Content of cl_attr_lgth field.	
TSPX_duc_descr_list2 DUC_DESCR_LIST	Content of duc_descr_list field.	

Table A.21: DM Modify Req message

Name/Type	Comments	Value
TSPX_cl_attr_lgth3 INTEGER	Content of cl_attr_lgth field.	
TSPX_duc_descr_list3 DUC_DESCR_LIST	Content of duc_descr_list field.	

Table A.22: DM MC Modify Req message

Name/Type	Comments	Value
TSPX_cl_attr_lgth4 INTEGER	Content of cl_attr_lgth field.	
TSPX_start_mac_frame START_MAC_FRAME	Content of start_mac_frame field.	
TSPX_duc_descr_list4 DUC_DESCR_LIST	Content of duc_descr_list field.	

Table A.23: GROUP_JOIN message

Name/Type	Comments	Value
TSPX_encryption_proposal ENCRYPTION_ALGORITHM_PROPOSAL	Value of the encryption algorithm proposal field.	
TSPX_cl_data2 CL_DATA	Value of the cl data field.	

Table A.24: GROUP_JOIN message for home extension

Name/Type	Comments	Value
TSPX_encryption_prop_HE ENCRYPTION_ALGORITHM_PROPOSAL	Value of the encryption algorithm proposal field for home extension testing.	
TSPX_cl_data_HE CL_DATA	Value of the cl data field for home extension testing.	

Table A.25: GROUP_JOIN message for 1394 bridge

Name/Type	Comments	Value
TSPX_encryption_proposal_1394 ENCRYPTION_ALGORITHM_PROPOSAL	Value of the encryption algorithm proposal field for 1394 bridge testing.	
TSPX_cl_data_1394 CL_DATA_1394	Value of cl data field for 1394 bridge testing.	

Table A.26: GROUP_JOIN message for the forwarding clock mc group

Name/Type	Comments	Value
TSPX_encryption_proposal_1394_fw ENCRYPTION_ALGORITHM_PROPOSAL	Value of the encryption algorithm proposal field for the forwarding clock mc group in case of 1394 testing.	
TSPX_cl_data_1394_fw CL_DATA_1394	Value of cl data field for the forwarding clock mc group in case of 1394 testing.	

Table A.27: GROUP_JOIN message for the forwarding channel of an asynchronous stream

Name/Type	Comments	Value
TSPX_encryption_proposal_1394_fw_as ENCRYPTION_ALGORITHM_PROPOSAL	Value of the encryption algorithm proposal used for sending GROUP_JOIN message for the forwarding channel of an asynchronous stream in case of 1394 testing.	
TSPX_cl_data_1394_fw_as CL_DATA_1394	Value of the cl data used for sending GROUP_JOIN message for the forwarding channel of an asynchronous stream in case of 1394 testing.	

Table A.28: GROUP_JOIN_ACK message for 1394 testing

Name/Type	Comments	Value
TSPX_macID_multicast MAC_ID	Multicast MAC_ID.	

Table A.29: CL_BROADCAST_JOIN message

Name/Type	Comments	Value
TSPX_encryption_proposal2 ENCRYPTION_ALGORITHM_PROPOSAL	Value of the encryption algorithm proposal field.	
TSPX_cl_data3 CL_DATA	Value of the cl data field.	

Table A.30: DFS_MT_INIT_REPORT_REQUEST message

Name/Type	Comments	Value
TSPX_measurement_type MEASUREMENT_TYPE	Value of the measurement_type field.	
TSPX_frequency_index FREQUENCY_INDEX	Content of frequency_index field.	
TSPX_adjacent_ch_interference ADJACENT_CH_INTERFERENCE	Content of adjacent_ch_interference field.	

Table A.31: DFS_MEASUREMENT_REQUEST message

Name/Type	Comments	Value
TSPX_frequency_index_2 FREQUENCY_INDEX	Value of the frequency_index field for message of type complete, percentiles or short.	
TSPX_use_omni_antenna USE_OMNI_ANTENNA	Value of the use_omni_antenna field for message of type complete, percentiles or short.	
TSPX_start_of_measurement START_OF_MEASUREMENT	Value of the start_of_measurement field for message of type complete, percentiles or short.	
TSPX_measurement_window MEASUREMENT_WINDOW	Value of the measurement_window field for message of type complete, percentiles or short.	
TSPX_maximum_age_of_bch_measurement MAXIMUM_AGE_OF_BCH_MEASUREMENT	Value of the maximum_age_of_bch_mea surement field for message of type complete or short.	
TSPX_rss_index_list RSS_INDEX_LIST	Value of the rss_index_list field for message of type complete.	
TSPX_length_of_measurement NUMBER_OF_SAMPLES	Value of the length_of_measurement field for message of type short.	

Table A.32: Calibration_measurement_trigger message

Name/Type	Comments	Value
TSPX_trigger_type TRIGGER_TYPE	Value of the trigger_type field for message of type complete.	
TSPX_mac_ids MAC_IDS	Value of the mac_ids field for message of type complete.	

Table A.33: Sleep message

Name/Type	Comments	Value
TSPX_sleep_group SLEEP_GROUP	Value of the sleep_group field.	
TSPX_care_of_broadcast CARE_OF_BROADCAST	Value of the care_of_broadcast field.	

Table A.34: MT_ALIVE_REQUEST message

Name/Type	Comments	Value
TSPX_mt_alive_interval MT_ALIVE_INTERVAL	Value of the mt_alive_interval field.	

Table A.35: HO INFO DISTRIBUTION message

Name/Type	Comments	Value
TSPX_token TOKEN	Content of TOKEN field.	
TSPX_token_auth MT_TOKEN_AUTH_ENCR	Content of TOKEN_AUTH field.	

Table A.36: RLC_TEST_MODE_SETUP message

Name/Type	Comments	Value
TSPX_test_mode_type TEST_MODE	Type of test mode.	
TSPX_test_mode_duc_fwbw_descry TEST_MODE_DUC_FWBW_DESCR	Test mode DUC descriptor.	

Table A.37: HARP message for 1394 testing

Name/Type	Comments	Value
TSPX_physicalID PHYSICAL_ID	Physical ID for HARP request.	
TSPX_fwdbit FWD_BIT	Fwd bit for HARP request.	
TSPX_bus_ID BUS_ID	BUS_ID for HARP request.	

Table A.38: BUS_RESET message

Name/Type	Comments	Value
TSPX_cl_attributes_1394_reset CL_ATTRIBUTES_BUS_RESET_1394	Value of the cl attributes used for sending BUS_RESET in case of 1394 testing.	

Table A.39: BUS_SUSPEND information element

Name/Type	Comments	Value
TSPX_bs_length INTEGER	Content of length field in cl_attributes for TS 101 493-3 [8].	
TSPX_bs_info OCTETSTRING	Content of information field in cl_attributes for TS 101 493-3 [8].	
TSPX_bs1_length INTEGER	Content of length field in cl_attributes for sending a BUS SUSPEND information element for TS 101 493-3 [8] different from the standard one.	
TSPX_bs1_info OCTETSTRING	Content of information field in cl_attributes for sending a BUS SUSPEND information element for TS 101 493-3 [8] different from the standard one.	
TSPX_bs2_length INTEGER	Content of length field in cl_attributes for sending a BUS SUSPEND information element for TS 101 493-3 [8] different from the standard one and the first one.	
TSPX_bs2_info OCTETSTRING	Content of information field in cl_attributes for sending a BUS SUSPEND information element for TS 101 493-3 [8] different from the standard one and the first one.	
TSPX_bs3_length INTEGER	Content of length field in cl_attributes for sending a BUS SUSPEND information element for TS 101 493-3 [8] different from the standard one, the first one and the second one.	
TSPX_bs3_info OCTETSTRING	Content of information field in cl_attributes for sending a BUS SUSPEND information element for TS 101 493-3 [8] different from the standard one, the first one and the second one.	

Table A.40: BUS_RESUME information element

Name/Type	Comments	Value
TSPX_br_length INTEGER	Content of length field in cl_attributes for TS 101 493-3 [8].	
TSPX_br_info OCTETSTRING	Content of information field in cl_attributes for TS 101 493-3 [8].	
TSPX_br1_length INTEGER	Content of length field in cl_attributes for sending a BUS RESUME information element for TS 101 493-3 [8] different from the standard one.	
TSPX_br1_info OCTETSTRING	Content of information field in cl_attributes for sending a BUS RESUME information element for TS 101 493-3 [8] different from the standard one.	
TSPX_br2_length INTEGER	Content of length field in cl_attributes for TS 101 493-3 [8]. The resulting information element shall be different from the first one.	
TSPX_br2_info OCTETSTRING	Content of information field in cl_attributes for TS 101 493-3 [8]. The resulting information element shall be different from the first one.	
TSPX_br3_length INTEGER	Content of length field in cl_attributes for sending a BUS RESUME information element for TS 101 493-3 [8] different from the standard one, the first one and the second one.	
TSPX_br3_info OCTETSTRING	Content of information field in cl_attributes for sending a BUS RESUME information element for TS 101 493-3 [8] different from the standard one, the first one and the second one.	

Table A.41: 1394 clock channel pdu

Name/Type	Comments	Value
TSPX_bus_time BUS_TIME	For sending 1394 clock channel pdu.	
TSPX_cycle_time CYCLE_TIME	For sending 1394 clock channel pdu.	
TSPX_frame_counte FRAME_COUNTER_2	For sending 1394 clock channel pdu.	
TSPX_local_seconds LOCAL_SECONDS	For sending 1394 clock channel pdu.	
TSPX_local_cycles LOCAL_CYCLES	For sending 1394 clock channel pdu.	
TSPX_snap_shot1 SNAP_SHOT	To create a snap shot in the IUT that match with the TSPX_frame_counter sent in a following clock channel message.	
TSPX_snap_shot2 SNAP_SHOT	To create a snap shot in the IUT that match not with the TSPX_frame_counter sent in a following clock channel message.	

Table A.42: 1394 specific parameters

Name/Type	Comments	Value
TSPX_bandwidth BANDWIDTH	Isoch stream bandwidth request value.	
TSPX_bandwidth_2 BANDWIDTH	Isoch stream bandwidth request value for modifying the bandwidth.	
TSPX_isoch_nodes ISOCH_NODE_LIST	Isochronous node list	
TSPX_retry_code INTEGER	1394 retry code, clause 6.2.4.4 of IEEE 1394-1995 (see bibliography).	
TSPX_strm_channel INTEGER	Stream Channel to be used for isoch.	
TSPX_allocate_some_handle ALLOCATE_SOME_HANDLE	Handle to be used for isoch.	
TSPX_1394_multi_mac_ID MAC_ID	Multicast MAC-ID for isochronous stream group.	
TSPX_dm_multicast_fail_sec INTEGER	The time in seconds the tester shall do nothing so that 1394 DM multicast setup will fail. No RLC_DM_MC_SETUP is sent to the WT.	
TSPX_delta_timer INTEGER	The duration of the delta timer (see TS 101 493-3 [8]).	
TSPX_event_indication_offset INTEGER	The offset to the EVENT INDICATION register.	

Table A.43: Parameter for ARQ testing

Name/Type	Comments	Value
TSPX_window_size INTEGER	Value of the window size used for testing the DUC connection (shall be small, i.e. 32).	

Table A.44: Cell convergence layer configuration parameters

Name/Type	Comments	Value
TSPX_cl_tag B_8	CL_tag for Cell common part convergence layer.	
TSPX_cl_tag_2 B_8	Second CL_tag for Cell common part convergence layer corresponding to the same DLCC_ID as TSPX_cl_tag (second VCI, VPI).	
TSPX_cl_tag_3 B_8	Third CL_tag for Cell common part convergence layer corresponding to the same DLCC_ID as TSPX_cl_tag (third VCI, VPI).	
TSPX_cl_tag_not B_8	CL_tag for Cell common part convergence layer in case of a non-configured mapping for the DUC_ID (MAC_ID, DLCC_ID) and the CL_Tag.	
TSPX_pt B_3	Payload type for Cell common part convergence layer.	
TSPX_clp B_1	Cell loss priority bit for Cell common part convergence layer.	

Table A.45: Implementation options

Name/Type	Comments	Value
TSPX_ext_IEEE BOOLEAN	TRUE if the IUT support the Extended IEEE MT authentication.	
TSPX_net_acc_id BOOLEAN	TRUE if the IUT support the Net. Acc. Id. MT authentication.	
TSPX_compressed BOOLEAN	TRUE if the IUT support the Compressed MT authentication.	
TSPX_generic BOOLEAN	TRUE if the IUT support the Generic MT authentication.	
TSPX_distinguished_name BOOLEAN	TRUE if the IUT support the distinguished name MT authentication.	
TSPX_pre_shared BOOLEAN	RUE if the IUT support the Pre-shared AP authentication.	
TSPX_RSA_512 BOOLEAN	TRUE if the IUT support the RSA_signature_512 AP authentication.	
TSPX_RSA_768 BOOLEAN	TRUE if the IUT support the RSA_signature_768 AP authentication.	
TSPX_RSA_1024 BOOLEAN	TRUE if the IUT support the RSA_signature_1024 AP authentication.	
TSPX_test_mode BOOLEAN	TRUE if the IUT support the test mode feature.	
TSPX_direct_mode BOOLEAN	TRUE if the IUT support the Direct Mode Option.	
TSPX_disa_pwr_off BOOLEAN	TRUE if the IUT support the Disassociation process at power off.	

Annex B (normative): Profile Conformance Test Report (Profile CTR) proforma for MT side

The Profile CTR proforma is based on ISO/IEC 9646-5 [37]. Any additional information needed can be found in this international standard.

B.1 Identification summary

B.1.1 Protocol conformance test report

Table B.1: Protocol conformance test report

PCTR Number:	
PCTR Date:	
Test Laboratory Identification:	
Accreditation Status:	
Accreditation Reference:	
Technical Authority:	
Job Title:	
Signature:	
Test Laboratory Manager:	
Signature:	

B.1.2 IUT identification

Table B.2: IUT identification

Name:	
Version:	
Protocol specification:	TS 101 761-5 [5]
Profile specific ICS	TS 101 823-5-1 [32]

B.1.3 Testing environment

Table B.3: Testing environment

Profile specific IXIT:	TS 101 823-5-3 (the present document)
ATS Specification:	TS 101 823-5-3 (the present document)
Abstract Test Method:	TS 101 823-5-3 (the present document)
Means of Testing identification:	
Period of testing:	
Conformance Log reference(s):	
Retention Date for Log reference(s):	

B.1.4 Limits and reservation

The test results presented in the present document apply only to the particular IUT declared in clause B.1.2, as presented for test in the period declared in clauses B.1.3, and configured as declared in the relevant IXIT attached to this Profile CTR.

NOTE: *Additional information relevant to the technical contents or further use of the present document, or the rights and obligations of the test laboratory and the client, may be given here. Such information may include restriction on the publication of the present document.*

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B.1.5 Comments

NOTE: *Additional comments may be given by either the client or the test laboratory on any of the contents of the Profile CTR, for example, to note disagreement between the two parties.*

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B.2 IUT conformance status

This IUT has or has not been shown by conformance assessment to be non-conformant to the specified profile specification.

Strike the appropriate words in this sentence. If the PICS for this IUT is consistent with the static conformance requirements (as specified in clause 3) and there are no "FAIL" verdicts to be recorded (in clause 6) strike the words "has or", otherwise strike the words "or has not".

NOTE: For further details see ISO/IEC 9646-5 [37].

B.3 Static conformance summary

The Profile specific ICS for this IUT is or is not consistent with the static conformance requirements in the specified profile.

Strike the appropriate words in this sentence.

NOTE: For further details see ISO/IEC 9646-5 [37].

B.4 Dynamic conformance summary

The test campaign did or did not reveal errors in the IUT.

Strike the appropriate words in this sentence. If there are no "FAIL" verdicts to be recorded (in clause 6) strike the words "did or", otherwise strike the words "or did not".

Summary of the results of groups of test:

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NOTE: For further details see ISO/IEC 9646-5 [37].

B.5 Static conformance review report

If clause 3 of this annex indicates non-conformance, this clause itemizes the mismatches between the PICS and the static conformance requirements of the referenced base and profile specification.

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B.6 Test campaign report

Table B.4: Test campaign report - MT side

ATS Reference	Selected?	Run?	Verdict	Observations (Reference to any observations made in clause 7)
TC-MT-ECM-AM-CA-000	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-001	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-002	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-003	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-004	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-005	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-006	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-007	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-008	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-009	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-010	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-011	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-012	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-013	Yes/No	Yes/No		
TC-MT-ECM-AM-CA-014	Yes/No	Yes/No		
TC-MT-ACF-RA-CA-000	Yes/No	Yes/No		
TC-MT-ACF-RA-CA-001	Yes/No	Yes/No		
TC-MT-ACF-RA-CA-002	Yes/No	Yes/No		
TC-MT-ACF-RA-CA-003	Yes/No	Yes/No		
TC-MT-ACF-RA-CA-004	Yes/No	Yes/No		
TC-MT-ACF-RA-CA-005	Yes/No	Yes/No		
TC-MT-ACF-MA-CA-000	Yes/No	Yes/No		
TC-MT-ACF-LC-CA-000	Yes/No	Yes/No		
TC-MT-ACF-EN-CA-000	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-000	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-001	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-002	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-003	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-004	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-005	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-006	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-007	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-008	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-009	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-010	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-011	Yes/No	Yes/No		
TC-MT-ACF-AU-CA-012	Yes/No	Yes/No		
TC-MT-ACF-CK-CA-000	Yes/No	Yes/No		
TC-MT-ACF-IT-CA-000	Yes/No	Yes/No		
TC-MT-ACF-MT-CA-000	Yes/No	Yes/No		
TC-MT-ACF-MT-CA-001	Yes/No	Yes/No		
TC-MT-ACF-MT-CA-002	Yes/No	Yes/No		
TC-MT-ACF-MT-CA-003	Yes/No	Yes/No		
TC-MT-ACF-DI-CA-000	Yes/No	Yes/No		
TC-MT-ACF-DI-CA-001	Yes/No	Yes/No		
TC-MT-ACF-KR-CA-000	Yes/No	Yes/No		
TC-MT-ACF-KR-CA-001	Yes/No	Yes/No		
TC-MT-ACF-UM-CA-000	Yes/No	Yes/No		
TC-MT-ACF-TI-000	Yes/No	Yes/No		
TC-MT-ACF-TI-001	Yes/No	Yes/No		
TC-MT-ACF-TI-002	Yes/No	Yes/No		
TC-MT-RRC-RQ-CA-000	Yes/No	Yes/No		
TC-MT-RRC-RP-CA-000	Yes/No	Yes/No		
TC-MT-RRC-RP-CA-001	Yes/No	Yes/No		
TC-MT-RRC-RP-CA-002	Yes/No	Yes/No		
TC-MT-RRC-SH-CA-000	Yes/No	Yes/No		

ATS Reference	Selected?	Run?	Verdict	Observations (Reference to any observations made in clause 7)
TC-MT-RRC-SH-CA-001	Yes/No	Yes/No		
TC-MT-RRC-RH-CA-000	Yes/No	Yes/No		
TC-MT-RRC-RH-CA-001	Yes/No	Yes/No		
TC-MT-RRC-RH-CA-002	Yes/No	Yes/No		
TC-MT-RRC-RH-CA-003	Yes/No	Yes/No		
TC-MT-RRC-NH-CA-000	Yes/No	Yes/No		
TC-MT-RRC-NH-CA-001	Yes/No	Yes/No		
TC-MT-RRC-NH-CA-002	Yes/No	Yes/No		
TC-MT-RRC-NH-CA-003	Yes/No	Yes/No		
TC-MT-RRC-NH-CA-004	Yes/No	Yes/No		
TC-MT-RRC-NH-CA-005	Yes/No	Yes/No		
TC-MT-RRC-NH-CA-006	Yes/No	Yes/No		
TC-MT-RRC-NH-CA-007	Yes/No	Yes/No		
TC-MT-RRC-SL-CA-000	Yes/No	Yes/No		
TC-MT-RRC-AL-CA-000	Yes/No	Yes/No		
TC-MT-RRC-AL-CA-001	Yes/No	Yes/No		
TC-MT-RRC-AB-CA-000	Yes/No	Yes/No		
TC-MT-RRC-AB-CA-001	Yes/No	Yes/No		
TC-MT-RRC-UM-CA-000	Yes/No	Yes/No		
TC-MT-RRC-TI-000	Yes/No	Yes/No		
TC-MT-RRC-TI-001	Yes/No	Yes/No		
TP-MT-LCP-TC-CA-000	Yes/No	Yes/No		
TP-MT-LCP-PC-CA-000	Yes/No	Yes/No		
TP-MT-LCP-PC-CA-001	Yes/No	Yes/No		
TP-MT-LCP-PC-CA-002	Yes/No	Yes/No		
TP-MT-LCP-PC-CA-003	Yes/No	Yes/No		
TP-MT-LCP-PC-CA-004	Yes/No	Yes/No		
TP-MT-LCP-LQ-CA-000;	Yes/No	Yes/No		
TP-MT-LCP-LQ-CA-001	Yes/No	Yes/No		
TP-MT-LCP-LQ-CA-002	Yes/No	Yes/No		
TP-MT-LCP-DC-CA-000	Yes/No	Yes/No		
TP-MT-LCP-DC-CA-001	Yes/No	Yes/No		
TP-MT-LCP-DC-CA-002	Yes/No	Yes/No		
TP-MT-LCP-DC-CA-003	Yes/No	Yes/No		
TP-MT-LCP-DC-CA-004	Yes/No	Yes/No		
TP-MT-LCP-DC-CA-005	Yes/No	Yes/No		
TP-MT-LCP-DC-CA-006	Yes/No	Yes/No		
TP-MT-LCP-AK-CA-000	Yes/No	Yes/No		
TP-MT-LCP-AK-CA-001	Yes/No	Yes/No		
TP-MT-LCP-AK-CA-002	Yes/No	Yes/No		
TC-MT-CPP-SS-CA-000	Yes/No	Yes/No		
TC-MT-CPP-SS-CA-001	Yes/No	Yes/No		
TC-MT-CPP-SS-CA-002	Yes/No	Yes/No		
TC-MT-CPP-RS-CA-000	Yes/No	Yes/No		
TC-MT-CPP-RS-CA-001	Yes/No	Yes/No		
TC-MT-CPP-RS-CA-002	Yes/No	Yes/No		
TC-MT-CPP-RS-CA-003	Yes/No	Yes/No		
TC-MT-CPP-RS-CA-004	Yes/No	Yes/No		
TC-MT-CPP-RS-CA-005	Yes/No	Yes/No		
TC-MT-CPP-RS-CA-006	Yes/No	Yes/No		

B.7 Observations

NOTE: Additional information relevant to the technical content of the PCTR are given here.

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Annex C (normative): Profile Conformance Test Report (Profile CTR) proforma for AP/CC side

The Profile CTR proforma is based on ISO/IEC 9646-5 [37]. Any additional information needed can be found in this international standard.

C.1 Identification summary

C.1.1 Protocol conformance test report

Table C.1: Protocol conformance test report

PCTR Number:	
PCTR Date:	
Test Laboratory Identification:	
Accreditation Status:	
Accreditation Reference:	
Technical Authority:	
Job Title:	
Signature:	
Test Laboratory Manager:	
Signature:	

C.1.2 IUT identification

Table C.2: IUT identification

Name:	
Version:	
Protocol specification:	TS 101 761-5 [5]
Profile specific ICS:	TS 101 823-5-1 [32]

C.1.3 Testing environment

Table C.3: Testing environment

Profile specific IXIT:	TS 101 823-5-3 (the present document)
ATS Specification:	TS 101 823-5-3 (the present document)
Abstract Test Method:	TS 101 823-5-3 (the present document)
Means of Testing identification:	
Period of testing:	
Conformance Log reference(s):	
Retention Date for Log reference(s):	

C.1.4 Limits and reservation

The test results presented in the present document apply only to the particular IUT declared in clause B.1.2, as presented for test in the period declared in clauses B.1.3, and configured as declared in the relevant IXIT attached to this Profile CTR.

NOTE: Additional information relevant to the technical contents or further use of the present document, or the rights and obligations of the test laboratory and the client, may be given here. Such information may include restriction on the publication of the present document.

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C.1.5 Comments

NOTE: Additional comments may be given by either the client or the test laboratory on any of the contents of the Profile CTR, for example, to note disagreement between the two parties.

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C.2 IUT conformance status

This IUT has or has not been shown by conformance assessment to be non-conformant to the specified profile specification.

Strike the appropriate words in this sentence. If the PICS for this IUT is consistent with the static conformance requirements (as specified in clause 3) and there are no "FAIL" verdicts to be recorded (in clause 6) strike the words "has or", otherwise strike the words "or has not".

NOTE: For further details see ISO/IEC 9646-5 [37].

C.3 Static conformance summary

The Profile specific ICS for this IUT is or is not consistent with the static conformance requirements in the specified profile.

Strike the appropriate words in this sentence.

NOTE: For further details see ISO/IEC 9646-5 [37].

C.4 Dynamic conformance summary

The test campaign did or did not reveal errors in the IUT.

Strike the appropriate words in this sentence. If there are no "FAIL" verdicts to be recorded (in clause 6) strike the words "did or", otherwise strike the words "or did not".

Summary of the results of groups of test:

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NOTE: For further details see ISO/IEC 9646-5 [37].

C.5 Static conformance review report

If clause 3 of this annex indicates non-conformance, this clause itemizes the mismatches between the PICS and the static conformance requirements of the referenced base and profile specification.

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C.6 Test campaign report

Table C.4: Home extension test campaign report – AP/CC side

ATS Reference	Selected?	Run?	Verdict	Observations (Reference to any observations made in clause 7)
TC-AP-ECM-AM-CA-000	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-001	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-002	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-003	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-004	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-005	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-006	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-007	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-008	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-009	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-010	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-011	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-012	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-013	Yes/No	Yes/No		
TC-AP-ECM-AM-CA-014	Yes/No	Yes/No		
TC-AP-ACF-RA-CA-000	Yes/No	Yes/No		
TC-AP-ACF-RA-CA-001	Yes/No	Yes/No		
TC-AP-ACF-MA-CA-000	Yes/No	Yes/No		
TC-AP-ACF-LC-CA-000	Yes/No	Yes/No		
TC-AP-ACF-EN-CA-000	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-000	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-001	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-002	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-003	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-004	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-005	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-006	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-007	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-008	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-009	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-010	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-011	Yes/No	Yes/No		
TC-AP-ACF-AU-CA-012	Yes/No	Yes/No		
TC-AP-ACF-CK-CA-000	Yes/No	Yes/No		
TC-AP-ACF-IT-CA-000	Yes/No	Yes/No		
TC-AP-ACF-MT-CA-000	Yes/No	Yes/No		
TC-AP-ACF-MT-CA-001	Yes/No	Yes/No		
TC-AP-ACF-MT-CA-002	Yes/No	Yes/No		
TC-AP-ACF-MT-CA-003	Yes/No	Yes/No		
TC-AP-ACF-DI-CA-000	Yes/No	Yes/No		
TC-AP-ACF-DI-CA-001	Yes/No	Yes/No		
TC-AP-ACF-KR-CA-000	Yes/No	Yes/No		
TC-AP-ACF-KR-CA-001	Yes/No	Yes/No		
TC-AP-ACF-KR-CA-002	Yes/No	Yes/No		
TC-AP-ACF-AR-CA-000	Yes/No	Yes/No		
TC-AP-ACF-AR-CA-001	Yes/No	Yes/No		
TC-AP-ACF-UM-CA-000	Yes/No	Yes/No		
TC-AP-ACF-TI-000	Yes/No	Yes/No		
TC-AP-ACF-TI-001	Yes/No	Yes/No		
TC-AP-ACF-TI-002	Yes/No	Yes/No		
TC-AP-RRC-RQ-CA-000	Yes/No	Yes/No		
TC-AP-RRC-RQ-CA-001	Yes/No	Yes/No		
TC-AP-RRC-RQ-CA-002	Yes/No	Yes/No		
TC-AP-RRC-RQ-CA-003	Yes/No	Yes/No		
TC-AP-RRC-RQ-CA-004	Yes/No	Yes/No		
TC-AP-RRC-RQ-CA-005	Yes/No	Yes/No		

ATS Reference	Selected?	Run?	Verdict	Observations (Reference to any observations made in clause 7)
TC-AP-RRC-RQ-CA-006	Yes/No	Yes/No		
TC-AP-RRC-RQ-CA-007	Yes/No	Yes/No		
TC-AP-RRC-SH-CA-000	Yes/No	Yes/No		
TC-AP-RRC-RH-CA-000	Yes/No	Yes/No		
TC-AP-RRC-NH-CA-000	Yes/No	Yes/No		
TC-AP-RRC-NH-CA-001	Yes/No	Yes/No		
TC-AP-RRC-NH-CA-002	Yes/No	Yes/No		
TC-AP-RRC-NH-CA-003	Yes/No	Yes/No		
TC-AP-RRC-NH-CA-004	Yes/No	Yes/No		
TC-AP-RRC-NH-CA-005	Yes/No	Yes/No		
TC-AP-RRC-NH-CA-006	Yes/No	Yes/No		
TC-AP-RRC-HR-CA-000	Yes/No	Yes/No		
TC-AP-RRC-SL-CA-000	Yes/No	Yes/No		
TC-AP-RRC-AL-CA-000	Yes/No	Yes/No		
TC-AP-RRC-AL-CA-001	Yes/No	Yes/No		
TC-AP-RRC-AB-CA-000	Yes/No	Yes/No		
TC-AP-RRC-AB-CA-001	Yes/No	Yes/No		
TC-AP-RRC-AB-CA-002	Yes/No	Yes/No		
TC-AP-RRC-UM-CA-000	Yes/No	Yes/No		
TC-AP-RRC-TI-000	Yes/No	Yes/No		
TC-AP-RRC-TI-001	Yes/No	Yes/No		
TC-AP-RRC-TI-002	Yes/No	Yes/No		
TP-AP-LCP-TC-CA-000	Yes/No	Yes/No		
TP-AP-LCP-LQ-CA-000	Yes/No	Yes/No		
TP-AP-LCP-LQ-CA-001	Yes/No	Yes/No		
TP-AP-LCP-LQ-CA-002	Yes/No	Yes/No		
TP-AP-LCP-LQ-CA-003	Yes/No	Yes/No		
TP-AP-LCP-LQ-CA-004	Yes/No	Yes/No		
TP-AP-LCP-LQ-CA-005	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-000	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-001	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-002	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-003	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-004	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-005	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-006	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-007	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-008	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-009	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-010	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-011	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-012	Yes/No	Yes/No		
TP-AP-LCP-DC-CA-013	Yes/No	Yes/No		
TP-AP-LCP-DS-CA-000	Yes/No	Yes/No		
TP-AP-LCP-DS-CA-001	Yes/No	Yes/No		
TP-AP-LCP-CH-CA-000	Yes/No	Yes/No		
TP-AP-LCP-CH-CA-001	Yes/No	Yes/No		
TP-AP-LCP-CH-CA-002	Yes/No	Yes/No		
TP-AP-LCP-CH-CA-003	Yes/No	Yes/No		
TP-AP-LCP-CH-CA-004	Yes/No	Yes/No		
TP-AP-LCP-CH-CA-005	Yes/No	Yes/No		
TP-AP-LCP-CH-CA-006	Yes/No	Yes/No		
TP-AP-LCP-AK-CA-000	Yes/No	Yes/No		
TP-AP-LCP-AK-CA-001	Yes/No	Yes/No		
TC-AP-CPP-SS-CA-000	Yes/No	Yes/No		
TC-AP-CPP-SS-CA-001	Yes/No	Yes/No		
TC-AP-CPP-SS-CA-002	Yes/No	Yes/No		
TC-AP-CPP-RS-CA-000	Yes/No	Yes/No		
TC-AP-CPP-RS-CA-001	Yes/No	Yes/No		
TC-AP-CPP-RS-CA-002	Yes/No	Yes/No		
TC-AP-CPP-RS-CA-003	Yes/No	Yes/No		

ATS Reference	Selected?	Run?	Verdict	Observations (Reference to any observations made in clause 7)
TC-AP-CPP-RS-CA-004	Yes/No	Yes/No		
TC-AP-CPP-RS-CA-005	Yes/No	Yes/No		
TC-AP-CPP-RS-CA-006	Yes/No	Yes/No		

C.7 Observations

NOTE: Additional information relevant to the technical content of the PCTR are given here.

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Annex D (normative): System Conformance Test Report (SCTR) proforma

D.1 Identification summary

D.1.1 System conformance test report

Table D.1: System conformance test report

SCTR Number:	
SCTR Date:	
Test Laboratory Manager:	
Signature:	

D.1.2 Test laboratory

Table D.2: Test laboratory

Identification:	
Address:	
Postal code/city:	
Country:	
Telephone:	
Fax:	
Telex:	
Teletex:	
E-Mail:	

D.1.3 Client identification

Table D.3: Client identification

Identification:	
Address:	
Postal code/city:	
Country:	
Telephone:	
Fax:	
Telex:	
Teletex:	
E-Mail:	

D.1.4 System Under Test (SUT)

Table D.4: System Under Test (SUT)

Name:	
Version:	
Supplier:	
Dates of testing:	
Date of receipt of SUT:	
Location of SUT for Testing:	
SCS Identifier:	

D.1.5 Profile identification

Table D.5: Profile identification

Profile Identification:	HE profile
Profile Version:	
Profile ICS:	TS 101 823-5-1 [32]
Profile Specific IXIT:	Annex A of TS 101 823-5-3 (the present document)
PTS-Summary:	TS 101 823-5-2 [40]
PSTS:	TS 101 823-5-3 (the present document)

D.1.6 Nature of conformance testing

The purpose of Conformance Testing is to increase the probability that different implementations can inter-work in different environments. However, the complexity of OSI protocols makes exhaustive testing impractical on both technical and economic grounds. Furthermore, there is no guarantee that an SUT, which has passed all the relevant test cases, conforms to a specification. Neither is there any guarantee that such an SUT will inter-work with other real open systems. Rather, the passing of the test cases gives confidence that the SUT has the stated capabilities and that its behaviour conforms consistently in representative instances of communication.

D.1.7 Limits and reservations

The test results presented in the present document apply only to the particular SUT and component IUTs declared in clause C.1.4 and C.1.8, for the functionality described in the referenced SCS and in the ICS referenced in each PCTR, as presented for test in the period declared in clause C.1.4 and configured as declared in the relevant IXIT referenced in each PCTR. This SCTR may not be reproduced except in full together with its SCS.

Table D.6: Limits and reservations

NOTE: *Additional information relevant to the technical contents or further use of the present document, or to the rights and obligations of the test laboratory and the client, may be given here. Such information may include restrictions on the publication of the present document.*

D.1.8 Record of agreement

A definition of what parts of the SUT were considered to be the IUT during testing, and of the abstract test method and abstract test suite that were used:

Table D.7: Record of agreement

IUT Definition Reference	Protocol	ATM	ATS
	BRAN HIPERLAN Type 2 - Physical Layer	No	No
	BRAN HIPERLAN Type 2 - DLC protocol; Basic Data Transport Function	TS 101 823-1-3 [25]	TS 101 823-1-3 [25]
	BRAN HIPERLAN Type 2 - DLC protocol; Radio Link Control (RLC) Sub-layer	TS 101 823-2-3 [28]	TS 101 823-2-3 [28]
	BRAN HIPERLAN Type 2 - DLC protocol; Extension for Home Environments	TS 101 823-4-3 [31]	TS 101 823-4-3 [31]
	BRAN HIPERLAN Type 2 - Packet based Convergence Layer; Common part	TS 101 811-1-3 [13]	TS 101 811-1-3 [13]
	BRAN HIPERLAN Type 2 - Packet based Convergence Layer; Ethernet Service Specific Convergence Sublayer	TS 101 811-2-3 [16]	TS 101 811-2-3 [16]
	BRAN HIPERLAN Type 2 - Packet based Convergence Layer; IEEE 1394 Service Specific Convergence Sublayer	TS 101 811-3-3 [19]	TS 101 811-3-3 [19]
	BRAN HIPERLAN Type 2 - Packet based Convergence Layer; IEEE 1394 Bridge Specific Functions Sublayer	TS 101 811-4-3 [22]	TS 101 811-4-3 [22]
	BRAN HIPERLAN Type 2 - Network Management	No	No

D.1.9 Comments

Table D.8: Comments

Additional comments reference in annex:	

NOTE: Additional comments may be given by either the client or test laboratory on any of the contents of the SCTR, for example, to note disagreement between the two parties.

D.2 System report summary for BRAN HIPERLAN Type 2 - Extension for Home Environment

D.2.1 Profile testing summary

D.2.1.1 Physical Layer

Table D.9: Physical Layer

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	TS 101 475 [1]
ICS	No
IXIT	TS 101 823-5-3 (the present document)
PCTR Number	
PCTR Date	
PSTS	TS 101 823-5-3 (the present document)
ATS specification	TS 101 823-5-3 (the present document)
ATM	TS 101 823-5-3 (the present document)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes/No
Conformance Status: Dynamic conformance errors?	Yes/No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

D.2.1.2 DLC protocol; Basic Data Transport Function

Table D.10: DLC protocol; Basic Data Transport Function

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	TS 101 761-1 [2]
ICS	TS 101 823-1-1 [23]
IXIT	TS 101 823-5-3 (the present document)
PCTR Number	
PCTR Date	
PSTS	TS 101 823-5-3 (the present document)
ATS specification	TS 101 823-5-3 (the present document)
ATM	TS 101 823-5-3 (the present document)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes/No
Conformance Status: Dynamic conformance errors?	Yes/No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

D.2.1.3 DLC protocol; Radio Link Control (RLC) Sub-layer

Table D.11: DLC protocol; Radio Link Control (RLC) Sub-layer

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	TS 101 761-2 [3]
ICS	TS 101 823-2-1 [26]
IXIT	TS 101 823-5-3 (the present document)
PCTR Number	
PCTR Date	
PSTS	TS 101 823-5-3 (the present document)
ATS specification	TS 101 823-5-3 (the present document)
ATM	TS 101 823-5-3 (the present document)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes/No
Conformance Status: Dynamic conformance errors?	Yes/No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

D.2.1.4 DLC protocol; Extension for Home Environments

Table D.12: DLC protocol; Extension for Home Environments

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	TS 101 761-4 [4]
ICS	TS 101 823-5-1 [32]
IXIT	TS 101 823-5-3 (the present document)
PCTR Number	
PCTR Date	
PSTS	TS 101 823-5-3 (the present document)
ATS specification	TS 101 823-5-3 (the present document)
ATM	TS 101 823-5-3 (the present document)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes/No
Conformance Status: Dynamic conformance errors?	Yes/No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

D.2.1.5 Packet based Convergence Layer; Common part

Table D.13: Packet based Convergence Layer; Common part

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	TS 101 493-1 [6]
ICS	TS 101 811-1-1 [11]
IXIT	TS 101 823-5-3 (the present document)
PCTR Number	
PCTR Date	
PSTS	TS 101 823-5-3 (the present document)
ATS specification	TS 101 823-5-3 (the present document)
ATM	TS 101 823-5-3 (the present document)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes/No
Conformance Status: Dynamic conformance errors?	Yes/No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

D.2.1.6 Packet based Convergence Layer; Ethernet Service Specific Convergence Sublayer

Table D.14: Packet based Convergence Layer; Ethernet Service Specific Convergence Sublayer

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	TS 101 493-2 [7]
ICS	TS 101 811-2-1 [14]
IXIT	TS 101 823-5-3 (the present document)
PCTR Number	
PCTR Date	
PSTS	TS 101 823-5-3 (the present document)
ATS specification	TS 101 823-5-3 (the present document)
ATM	TS 101 823-5-3 (the present document)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes/No
Conformance Status: Dynamic conformance errors?	Yes/No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

D.2.1.7 Packet based Convergence Layer; IEEE 1394 Service Specific Convergence Sublayer

Table D.15: Packet based Convergence Layer; IEEE 1394 Service Specific Convergence Sublayer

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	TS 101 493-3 [8]
ICS	TS 101 811-3-1 [17]
IXIT	TS 101 823-5-3 (the present document)
PCTR Number	
PCTR Date	
PSTS	TS 101 823-5-3 (the present document)
ATS specification	TS 101 823-5-3 (the present document)
ATM	TS 101 823-5-3 (the present document)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes/No
Conformance Status: Dynamic conformance errors?	Yes/No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

D.2.1.8 Packet based Convergence Layer; IEEE 1394 Bridge Specific Functions Sublayer

Table D.16: Packet based Convergence Layer; IEEE 1394 Bridge Specific Functions Sublayer

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	TS 101 493-4 [9]
ICS	TS 101 811-4-1 [20]
IXIT	TS 101 823-5-3 (the present document)
PCTR Number	
PCTR Date	
PSTS	TS 101 823-5-3 (the present document)
ATS specification	TS 101 823-5-3 (the present document)
ATM	TS 101 823-5-3 (the present document)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes/No
Conformance Status: Dynamic conformance errors?	Yes/No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

D.2.1.9 Network Management

Table D.17: Network Management

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	TS 101 762 [10]
ICS	No
IXIT	TS 101 823-5-3 (the present document)
PCTR Number	
PCTR Date	
PSTS	TS 101 823-5-3 (the present document)
ATS specification	TS 101 823-5-3 (the present document)
ATM	TS 101 823-5-3 (the present document)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes/No
Conformance Status: Dynamic conformance errors?	Yes/No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

Annex E (normative): System Conformance Statement (SCS) proforma

E.1 Identification summary

E.1.1 SCS identification

Table E.1: SCS identification

SCS Serial Number:	
SCS Date:	

E.1.2 IUT identification

Table E.2: IUT identification

Trade Name:	
Type:	
Version:	
Serial Number:	

E.1.3 Client identification

Table E.3: Client identification

Company:	
Street Number:	
Postal Code/City:	
Country:	
Contact Person Name:	
Telephone:	
Fax:	
Telex:	
Teletex:	
E-Mail:	

E.1.4 Supplier identification

Table E.4: Supplier identification

Company:	
Street Number:	
Postal Code/City:	
Country:	
Contact Person Name:	
Telephone:	
Fax:	
Telex:	
Teletex:	
E-Mail:	

E.1.5 Manufacturer identification

(If different from client)

Table E.5: Manufacturer identification

Company:	
Street Number:	
Postal Code/City:	
Country:	
Contact Person Name:	
Telephone:	
Fax:	
Telex:	
Teletex:	
E-Mail:	

E.1.6 Protocols identification

Table E.6: Protocols identification

Protocol Name	Specification Reference	PICS Reference	PCTR Reference	PCTR Reference from previous campaign
Physical Layer	TS 101 475 [1]			
DLC protocol; Basic Data Transport Function	TS 101 761-1 [2]	TS 101 823-1-1 [23]	TS 101 823-1-3 [25]	
DLC protocol; Radio Link Control (RLC) Sub-layer	TS 101 761-2 [3]	TS 101 823-2-1 [26]	TS 101 823-2-3 [28]	
DLC protocol; Extension for Home Environments	TS 101 761-4 [4]	TS 101 823-4-1 [29]	TS 101 823-4-3 [31]	
Packet based Convergence Layer; Common part	TS 101 493-1 [6]	TS 101 811-1-1 [11]	TS 101 811-1-3 [13]	
Packet based Convergence Layer; Ethernet Service Specific Convergence Sublayer	TS 101 493-2 [7]	TS 101 811-2-1 [14]	TS 101 811-2-3 [16]	
Packet based Convergence Layer; IEEE 1394 Service Specific Convergence Sublayer	TS 101 493-3 [8]	TS 101 811-3-1 [17]	TS 101 811-3-3 [19]	
Packet based Convergence Layer; IEEE 1394 Bridge Specific Functions Sublayer	TS 101 493-4 [9]	TS 101 811-4-1 [20]	TS 101 811-4-3 [22]	
Network Management	TS 101 762 [10]			

E.1.7 Profile identification

Table E.7: Profile identification

Profile Identifier	Specification Reference	Profile ICS Specific Reference	SCTR Reference	SCTR reference from previous campaign
HE profile	TS 101 761-5 [5]	TS 101 823-5-1 [32]	TS 101 823-5-3 (the present document)	

E.2 Miscellaneous system information

E.2.1 Configuration

Table E.8: Configuration

CPU Type:	
Bus-System:	
Operating System Name:	
Additional:	

E.2.2 Other information

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Annex F (normative): Abstract Test Suite (ATS)

This ATS has been produced using the Tree and Tabular Combined Notation (TTCN) according to ISO/IEC 9646-3 [36].

The ATS was developed on a separate TTCN software tool and therefore the TTCN tables are not completely referenced in the table of contents. The ATS itself contains a test suite overview part, which provides additional information and references.

F.1 The TTCN Graphical form (TTCN.GR)

The TTCN.GR representations of the ATS is contained in Adobe Portable Document Format™ file (hip2_v015.PDF contained in archive hip2_test.ZIP) which is provided together with TS 101 823-2-3 [16]. The PDF file contains also the TTCN.GR representations for all other parts of the HIPERLAN 2 Specifications testing.

F.2 The TTCN Machine Processable form (TTCN.MP)

The TTCN.MP representations corresponding to the ATS is contained in ASCII file (hip2_v015.MP contained in archive hip2_test.ZIP) which is provided together with TS 101 823-2-3 [16]. The MP file contains also the TTCN.MP representations for all other parts of the HIPERLAN 2 Specifications testing.

NOTE: Where an ETSI Abstract Test Suite (in TTCN) is published in both .GR and .MP format these two forms shall be considered equivalent. In the event that there appears to be syntactical or semantic differences between the two then the problem shall be resolved and the erroneous format (whichever it is) shall be corrected.

Annex G (informative): Bibliography

- IEEE 1394-1995: "IEEE Standard for a High Peformance Serial Bus".

History

Document history		
V1.2.1	July 2003	Publication
V1.3.1	August 2004	Publication