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Universal Mobile Telecommunications System (UMTS); Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 8.5.0 Release 8)



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Foreword

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Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
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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.

1 Scope

The present document identifies the 3GPP system specifications for Release 8. The specifications and reports of 3GPP Release 8 have a major version number 8 (i.e. 8.x.y). The listed Specifications are required to build a system based on UTRAN radio technology.

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*.
- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TR 21.900: "Technical Specification Group working methods".

3 Abbreviations

For the purposes of the present document, the terms and definitions given in 3GPP TS 21.905 [1] apply.

4 General

The numbering scheme for specifications is described in 3GPP TR 21.900 [2].

5 Specifications and Reports

The list of Technical Specifications and Technical Reports can be found at https://portal.3gpp.org/Specifications.aspx?q=1&tbid=All&releases=182&draft=False&underCC=True&withACC=False&tech=2&numberNYA=False

- NOTE 1: The padlock icon on the right of each row indicates whether or not the documents are intended for adoption by the partner Standards Development Organizations as their own publications. Those with a padlock icon are internal working documents of the 3GPP TSGs.
- NOTE 2: Some of the algorithm specifications in the 35.-series are available only under licence.
- NOTE 3: "Type" indicates Technical Specification (TS) or Technical Report (TR).
- NOTE 4: Void.

Annex A (informative): Change history

	Change history					
TSG SA#	Version	CR	Tdoc SA	New Version	Subject/Comment	
SP-12	3GPP	-	SP-010275	3GPP	First draft	
	TS			TS		
	21.103 version			21.103 version		
	0.0.0			0.1.0		
	0.1.0		SP-010382	1.0.0	table of specs revised	
SP-13	1.0.0		SP-010418	1.1.0	table of specs revised	
SP-15	1.1.0		SP-020095	1.2.0	table of specs revised; columns to show freeze status added	
SP-15	1.2.0		SP-020202	2.0.0	table of specs revised	
SP-16	2.0.0		SP-020271	2.1.0	table of specs revised	
	2.1.0		SP-020398	2.2.0	table of specs revised	
	2.2.0		SP-020410		table of specs revised; unknown freeze target dates blanked	
				5.0.0	approved	
SP-17	5.0.0	001 r1	SP-020628	5.1.0	updates lists of specs, editorial corrections to titles of specs	
SP-18	5.1.0	002 r1	SP-020831	5.2.0	Correction to list of specs, editorial corrections to titles of specs	
SP-19	5.2.0	003 r1	SP-030077	5.3.0	Correction to list of specs, editorial corrections to titles of specs	
SP-20	3GPP	004	SP-030229	3GPP	Correction to list of specs	
	TS		SP-030235	TS	Renumber from 21.103 to 21.101	
	21.103			21.101		
	version 5.3.0			version 5.4.0		
SP-22	5.4.0	017	SP-030574	5.5.0	Correction to list of specs, editorial corrections to spec titles	
SP-23	5.5.0	020	SP-040221	5.6.0	Corrections to list of specifications	
01 23	3.3.0	r2	01-040221	3.0.0	Corrections to list of specifications	
SP-24	5.6.0	021 r1	SP-040358	5.7.0	Corrections to list of specifications	
SP-26	5.7.0	025 r1	SP-040880	6.0.0	Corrections to list of specifications	
SP-27	6.0.0	029	SP-050126	6.1.0	Corrections to list of specifications	
SP-28	6.1.0	031 r1	SP-050356	6.2.0	Corrections to list of specifications	
SP-29	6.2.0	032	SP-050470		Change instances of Release 5 to Release 6	
		033	SP-050462	6.3.0	Corrections to list of specifications	
SP-30	6.3.0	034 r1	SP-050845	6.4.0	Corrections to list of specifications	
post SP-31	6.4.0			6.4.1	Correction to title of reference to 21.900. Correction to spec list table entries for 23.125 and 32.251 to show that the <i>are</i> intended for	
post	6.4.1			6.4.2	SDO publication. Corrects cover date.	
SP-31	J.T. I			0.7.2	Contolo sover date.	
SP-34	6.4.2	038	SP-060901	6.5.0	Correction to list of Specs and minor editorials	
SP-35	6.5.0	038	SP-070188	6.6.0	Corrections to list of specifications	
SP-36	6.6.0	041	SP-070344	6.7.0	Corrections to list of specifications	
SP-37	6.7.0	042	SP-070519	7.0.0	Upgrade to Rel-7	
SP-38	7.0.0	047	SP-070770		Corrections to list of specifications	
		052		7.1.0	Update of informative text	
SP-40	7.1.0	053	SP-080435	7.2.0	Corrections to list of specifications	
SP-42	7.2.0	054 r1	SP-080722	7.3.0	Corrections to list of specifications	
SP-43	7.3.0	057 r1	SP-090033	8.0.0	List of Rel-8 specifications	
SP-44	8.0.0	058 r1	SP-090382	8.1.0	Corrections to list of specifications	
SP-46	8.1.0	064 r1	SP-090695	8.2.0	Corrections to list of specifications	
SP-52	8.2.0	066	SP-110298	8.3.0	Correction to list of specs	
SP-55	8.3.0	069 r1	SP-12-0114	8.4.0	Changes to list of Specs: UTRAN systems	

Change history								
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New	
							version	
2025-03	SA#107	SP-250218	0084	1	F	Replacing list with 3GU specifications link	8.5.0	

History

Document history						
V8.0.0	March 2009	Publication				
V8.1.0	June 2009	Publication				
V8.2.0	January 2010	Publication				
V8.3.0	July 2011	Publication				
V8.4.0	March 2012	Publication				
V8.5.0	March 2025	Publication				