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Universal Mobile Telecommunications System (UMTS);
UTRAN Iuant interface: Layer 1
(3GPP TS 25.461 version 14.2.0 Release 14)

Reference
RTS/TSGR-0325461ve20

Keywords
UMTS

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1 Scope

See TS 37.461 [4].

2 References

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

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[1]-[3] Void.

[4] 3GPP TS 37.461: "Iuant interface: Layer 1".

3 to 4 Void

5 Iuant interface: Layer 1

See TS 37.461 [4].

Annex A:
Void

Annex B (informative): Change history

TSG #	TSG Doc.	CR	Rev	Subject/Comment	New
TSG-RAN#25	RP-040344	_	_	presentation to TSG-RAN for information	1.0.0
TSG-RAN#25	RP-040344	_	_	approved at TSG-RAN#25 and placed under change control	6.0.0
26	RP-040444	1		DC power supply distribution	6.1.0
26	RP-040444	2	1	Improved demodulator characteristics specification	6.1.0
26	RP-040444	3	-	Requirements missing for when the RS485 bus shall not be driven by the secondary device	6.1.0
26	RP-040444	4	1	RET DC power consumption modes	6.1.0
26	RP-040444	5	-	Minor Corrections and editorial changes to 25.461	6.1.0
27	RP-050061	7	1	Minor Corrections and editorial changes to 25.461	6.2.0
27	RP-050061	8	1	Power consumption clarification of RET	6.2.0
27	RP-050061	9		Modem Operating Bands	6.2.0
27	RP-050061	10		Modem Return loss	6.2.0
27	RP-050061	11		Modem Time Delay and Accuracy	6.2.0
27	RP-050061	12		Modem Insertion Loss	6.2.0
28	RP-050237	13	1	DC power on sequence	6.3.0
28	RP-050237	15	-	BS Modem and RET Modem Filtering	6.3.0
28	RP-050237	16	-	BS Modem and RET modem spectrum emission mode	6.3.0
28	RP-050237	17	-	BS modem and RET modem return loss at modem frequency	6.3.0
28	RP-050237	18	-	Time delay clarification	6.3.0
28	RP-050226	19	-	Introduction of UMTS2600 requirements	7.0.0
29	RP-050438	21	1	Power-Up period clarifications	7.1.0
29	RP-050438	23		Insertion loss for RET	7.1.0
29	RP-050438	25		Testing for RET	7.1.0
29	RP-050438	27		Time delay for RET	7.1.0
29	RP-050438	29		Intermodulation attenuation for RET	7.1.0
29	RP-050438	31		BS and RET modem isolation	7.1.0
30	RP-050704	32	1	Introduction of UMTS 1700 requirements	7.2.0
30	RP-050703	33		Introduction of UMTS 900	7.2.0
30	RP-050689	35		Test Procedures	7.2.0
30	RP-050689	37		Correction to modem isolation and emission	7.2.0
30	RP-050689	39		correction of referencing	7.2.0
30	RP-050689	41	1	RET Control Unit spurious emission simplified version	7.2.0
34	RP-060704	42		Introduction of Band X (Extended UMTS 1.7/2.1 GHz)	7.3.0
35	RP-070058	44	1	Update of DC Power Supply Requirements	7.4.0
35	RP-070058	45		Tower Mounted Amplifier amendment	7.4.0
36	RP-070323	47		Word alignment of station-device	7.5.0
37	RP-070576	48		Introduction of UMTS1500 requirement	8.0.0
39	RP-080082	49	1	Introduction of UMTS 700 MHz (Bands XII XIV)	8.1.0
45	RP-090822	51		Introduction of E-UTRA operating bands	
	RP-090826	53	1	Introduction of the extended UMTS/LTE 800 MHz bands	9.0.0
46	RP-091185	54	1	Introduction of Extended UMTS/LTE1500 requirements for TS25.461	9.1.0
47	RP-100223	58		Introduction of UMTS/LTE in 800 MHz for Europe requirements in TS 25.461	9.2.0
49	RP-100912	59	-	Spectrum band definition additions for TDD 2600 MHz	10.0.0
50	RP-101361	59a	1	Introduction of L-band in TS 25.461	10.1.0
50	RP-101278	61	2	CR UMTS/LTE-3500 spectrum band definition additions for TDD Iuant interface to TS 25.461	10.1.0
50	RP-101334	66		Band XII channel arrangement correction on 25.461	10.1.0
SP-49	SP-100629			Clarification on the use of References (TS 21.801 CR#0030)	10.1.1
52	RP-110699	70		Add 2 GHz band LTE for ATC of MSS in North America to TS25.461 (Rel-10)	10.2.0
52	RP-110696	71		Add Expanded 1900 MHz Band for UTRA and LTE to TS25.461 (Rel-10)	10.2.0
52	RP-110685	73		Removal of unused references	10.2.0
54	RP-111733	76		Removal of references to operating bands i) and h)	10.3.0
03.2012				Creation of Rel-11 version based on v. 10.3.0	11.0.0
55	RP-120235	78		Addition of new Band 26 for E850	11.0.0
56	RP-120749	79	1	Introduction of E850_LB (Band 27) to TS 25.461	11.1.0
56	RP-120750	80	-	Introduction of Band 28	11.1.0
56	RP-120750	81	-	Introduction of Band 44	11.1.0
58	RP-121736	82	-	Introduction of band 22 in TS 25.461	11.2.0
58	RP-121735	83	1	Introduction of Band 29 into TS 25.461	11.2.0
62	RP-131903	84	1	Introduction of LTE 450 MHZ	12.0.0
62	RP-131904	85	1	Introduction of Band 30	12.0.0
64	RP-140900	87	-	Introduction of Band 32, XXXII	12.1.0
70	RP-152105	91	-	Introduction of band 65	13.0.0
70	RP-152106	92	-	Introduction of band 66	13.0.0
70	RP-152104	93	-	Introduction of band 67	13.0.0

TSG #	TSG Doc.	CR	Rev	Subject/Comment	New
70	RP-152107	94	1	Introduction of band 45 in 25.461	13.0.0
71	RP-160446	95	-	Introduction of Band 68 into 25.461	13.1.0
71	RP-160450	96	1	Introduction of Band 46 in TS 25.461	13.1.0
06/2016				Creation of Rel-14 version based on v. 13.1.0	14.0.0
72	RP-161040	97	1	Introduction of band 70	14.0.0
72	RP-161041	98	-	Introduction of 2.6GHz SDL band	14.0.0
74	RP-162335	100	-	Introduction of band 48	14.1.0

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2019-04	RAN#83	RP-190557	0119	-	F	Transfer of Iuant interface specification from 25-series to 37-series	14.2.0

History

Document history		
V14.1.0	May 2017	Publication
V14.2.0	May 2019	Publication