

January 23, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 18-QAM)	LTE-TDD	9.49	±9.6
0227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
0228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
0229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9,48	±9.6
0230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
0232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	5.48	±9.6
0233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	19.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-TDD	9.21	±9,6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-TDD	9.21	±9.6
0241	CAC	LTE-TOD (SC-FDMA, 50% RB, 1,4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
0242	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-TOD	9.86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-TOD	9.46	±9.6
0244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-TDD	10.06	±9.6
0245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-TDD	10.06	±9.6
0246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
0247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-TDO	9.91	±9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-TOO	10.09	±9.6
0249	CAH	LTE-TDO (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-TDO	9.29	19.6
0250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	18.6	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TOD	10.17	±9.6
10252	CAH	LYE-TOD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TOD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	19.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-TOD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TOD	9.98	19.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 84-QAM)	LTE-TDD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TDO	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TOD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TOO	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TOO	9.92	±9.6
10288	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOO	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TOD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel6.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278		PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279		PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292		CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	***	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	-	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	_		LTE-FDD	5.72	±9.6
10299	and the last department of the last departmen	LTE-FDO (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDO	6.39	±9.6
10300		LTE-FDO (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	_	IEEE 802 16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.03	±9.6
10302	AAA	IEEE 802 16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	±9.6
10303		IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6
10304	-	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.88	±9.6
10305	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	15.24	±9.6
10306	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WMAX	14.67	±9.6

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10307	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WMAX	14.49	±9.6
0308	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14.46	±9.6
0309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WMAX	14.58	±9.6
0310	AAA	IEEE 802 16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
0311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	6.06	±9.6
0313	AAA	IDEN 1:3	IDEN	10.51	±9.6
0314	AAA	IDEN 1:6	IDEN	13.48	±9.6
0315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mops, 96pc duty cycle)	WLAN	1.71	±9.6
0316	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAE	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	19.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
	AAA	Pulse Waveform (200Hz, 60%)	Generio	2.22	19.6
10356		The state of the s	Generic	0.97	19.6
10356	AAA	Pulse Waveform (200Hz, 80%)  QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10387	AAA		Generic	5.22	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	6.27	±9.6
0396	AAA	54-QAM Wayelorm, 100 kHz	Generic	6.27	±9.6
0389	AAA	64-QAM Waveform, 40 MHz	WLAN	B.37	±9.6
0400	AAF	IEEE 802.11ac WIFI (20MHz, 64-QAM, 99pc duty cycle)		8.60	±9.6
0401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10402	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN		±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	COMA2000	3.76	-
10404	AAB	COMA2000 (1xEV-DC, Rev. A)	CDMA2000	3.77	±9.6
10408	AAB	COMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
0410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9; Subframe Conf=4)	LTE-TDD	7.82	±9.6
0414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8,54	±9.6
0415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	6.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	DAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps. 16-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10425	AAD	IEEE 502.11n (HT Greenfield, 90 Mbps. 16-QAM)	WLAN	8.45	±9.6
10427	AAD	IEEE 802,11n (HT Greenfield, 150 Mbps, 84-QAM)	WLAN	8,41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FOD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433		LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434		W-CDMA (BS Test Model 1, 84 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	and the latest dear the latest	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7,48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 84 DPCH, Olipping 44%)	WCDMA	7.59	±9.6
10453		Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAD	IEEE 802.11ac WFI (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458		CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	19.6
10459	04440404040	CDMA2000 (1XEV-DO, Nev. B, 3 carriers)	CDMA2000	8.25	19.6
10459		UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	19.6
10-461	100	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subhame=2.3.4.7.8.9)	LTE-TOO	7.82	±9.6
	20.10	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.30	19.6
10462	-		LTE-TOO		
10483		LTE-TDO (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
10464	CONTRACTOR OF THE PARTY NAMED IN	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UI, Subframe=2.3.4,7.8.9)		7.82	±9.6
10465	-	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10466	_	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10467	-	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,3,4.7,8.9)	LTE-TOD	7.82	±9.6
10468	-	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10469	_	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subtrame×2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10471	AAG	LTE-TDD (SC-FDMA, 1 RR, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	B.57	±9.6
0473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
0474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
0476	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
0477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.8
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2.3,4,7,8.9)	LTE-TOD	8.57	±9.6
10479	AAC .	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7,74	±9.6
10480	AAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.71	±9.6
10483	AAD	LTE-TOD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.39	±9.6
10484	CAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe~2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8.9)	LTE-TOO	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.60	19.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, Ut. Subframe=2,3,4,7,8,9)	LTE-TDO	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.31	19.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 54-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	19.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	B.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3.4,7.8,9)	LTE-TOD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	-	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	19.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.31	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.54	19.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2.3.4.7.8.9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2.3.4.7.8.9)	LTE-TOO	7.74	19.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2.3.4,7.8,9)	LTE-TOO	8.36	19.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subtrame=2.3.4.7.8.9)	LTE-TOO	8.55	19.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10613	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	±9.8
10515	AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 2Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802,11b WIFi 2,4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	CAA	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8:36	±9.8
10526	CAA	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAD	IEEE 802.11ac WFi (20 MHz, MCS2, 98pc duty cycle)	WLAN	8.21	±9.6
10528	AAD	IEEE 802.11ac WIFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAD		WLAN	8.36	±9.6
10531	AAD		WLAN	8.43	±9.6
10532	AAD	IEEE 802.11ac WIFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAD	IEEE 802.11ac WIF) (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
44.00	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	19.6
10534	AAD	IEEE 802.11ac WIFI (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10534	-				
10535 10536	AAD	IEEE 802.11ac WIFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10535	AAD	IEEE 802.11ac WIFI (40 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, MCS3, 98pc duty cycle) IEEE 802.11ac WIFI (40 MHz, MCS4, 98pc duty cycle)	WLAN WLAN WLAN	8.32 8.44 8.54	±9.6 ±9.6

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10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
0542	AAD	IEEE 802 11ac WIFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802, 11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAD	IEEE 802 11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
0545	AAD	IEEE 802 11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAD	IEEE 802.11ac WIFI (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802 11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAD	IEEE 802 11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802 11ac WIF (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802.11ac WIFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WIFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAE	IEEE 802.11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAE	IEEE 802.11ac WIFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WIFI (160 MHz. MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAE	IEEE 802 11ac WIFI (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WIFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10585	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	(EEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WI,AN	B.00	±9.6
10568	AAA.	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA.	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1,99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA.	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.8
10583	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	CAA	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9:6
10588	CAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	#9.6
10589	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.0
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MC50, 90pc duty cycle)	WLAN	8.63	±9.6
10592	CAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8,79	±9:6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCSS, 90pc duty cycle)	WLAN	8,71	±9.6
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8,79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2; 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	5.76	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10806	AAD	IEEE 802,11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10807	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAD	IEEE 802.11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
0611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duly cycle)	WLAN	8.94	±9.6
0614	AAD	IEEE 802.11ac WiFl (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9:6
0615	AAD	IEEE 802.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	19.6
0616	AAD	IEEE 802.11ap WiFl (40 MHz, MCS0, 90pp duty cycle)	WLAN	8.82	±9.6
0617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
0618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
0619	AAD	IEEE 802.11ac WIFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
0620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WEAN	8.87	±9.6
3621	CAA	IEEE 802.11ac WiFi (40 MHz, MCSS, 90pc duly cycle)	WLAN	8.77	±9.6
0622	AAD	IEEE 802.11ac WIFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
0623	(JAA)	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0624	AAD	IEEE 802.11ac WFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
0625	AAD	IEEE 802.11ac WIFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
0626	AAD	IEEE 802.11ac WFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0627	AAD	IEEE 802.11ac WiFI (88 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0628	AAD	(EEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	19.6
9890	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
0631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
0632	AAD	IEEE 802.11ac WIFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0633	AAD	IEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
0634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
0635	AAD	IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
0636	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0637	AAE	IEEE 802,11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0638	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
0639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
0641	AAE	IEEE 802.11ac WIFI (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.06	±9.6
0642	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.8
0643	AAE	IEEE 802,11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAE	IEEE 802.11ac WFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
0646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11.96	±9.6
0647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11.96	±9.6
0648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
0652	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
0653	AAF	LTE-TDD (OFDMA, 10MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.42	±9.0
0654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
0655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.0
0658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	193
0.659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.0
0860	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.
0661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
0662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.
0670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.
0671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.
0672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.
0873	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9/
0674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.
0675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	19
0676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9
0677	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.73	19
0678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	19
0679	AAG	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.
0680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.
0681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	19)
0682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.0
0683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.0
0684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
	Secretary and the second	A LEAD CONTROL OF THE PROPERTY AND ADMINISTRATION OF THE PROPERTY OF THE PROPE	WLAN	8.33	±9.
0685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	881,750	0.00	

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0687	AAC	IEEE 802 11ex (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	19.6
0688	AAC	IEEE 802 11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
0889	AAC	IEEE 802 11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
0690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	19.6
0691	AAC	IEEE 802 11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
0692	AAC	IEEE 802 11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
0693	AAC	IEEE 802 11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
0694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
0695	AAC	IEEE 802.11ax (40 MHz, MCSO, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802,11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	B.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	B.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MC56, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	19.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802 11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802 11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10.708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.8
10710	AAC	IEEE 802 11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802 11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	EEE 802.11ax (40 MHz, MCS10, 98pc duty cycle)	WLAN	8.48	±9.6
all colors the same	AAC		WLAN	8.24	±9.6
10718	Acceptance of the Parket	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.76	19.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	19.6
10722	AAC	IEEE 802 11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	19.6
10724	AAC	IEEE 802 11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	19.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.86	19.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802 11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	19.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99cc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCSS, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCSS, 99pc duty cycle)	WLAN	8.36	±8.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.42	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	19.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.43	±9.0
10743	AAC	IEEE 802.11ax (160 MHz, MCS11, stape duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, WCS0, 90pc duty cycle)	WLAN	9.16	±9.0
10745	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.93	±9.6
		EEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	9.11	
10746	AAC		WLAN	9.04	±9.6
10747	AAC	IEEE 802, 11ax (160 MHz, MCS4, 90pp duty cycle)	WLAN	0.93	
10748	AAC	IEEE 802 11ax (160 MHz, MCS5, 90pc duty cycle)			±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	19.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.

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10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
0.756	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
0756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
0757	AAC	IEEE 802 11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
0.758	AAC	IEEE 802.11ax (160 MHz, MGS3, 99pc duty cycle)	WLAN	8.69	±9.6
0759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.8
0760	AAC	IEEE 802.11sx (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
0761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
0762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
0763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
0764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
0.765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
0766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
0.767	AAG	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TOO	7.99	±9.6
0768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
0769	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8.01	±9.6
0770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8.02	±9.6
0.771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
0772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 16 kHz)	5G NR FR1 T00	8.23	±9.6
0773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
0774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	8.02	19.6
0775	AAF	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	8.31	±9.6
0776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)		8.30	±9.6
0778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
0779	AAC	5G NR (CP-OFDM; 50% RB, 25 MHz, QPSK; 15 kHz)	5G NR FR1 TDD	8.42	±9.6
0780	AAE	5G NR (CP-OFDM, 50% R8, 30 MHz, QPSK, 15kHz)	5G NA FRI TOD	8.38	±9.6
0781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±9.6
0782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NA FR1 TOD	8.43	±9.6
0783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FRI TOD	8.31	±9.6
0784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.f
0785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
0786	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8.35	±9.6
0.787	CAA	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44	±9.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)			
0789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15kHz)	5G NR FRI TOD	8.37	±9.6
0790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 TOD	8.39	±9.6
10791	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TOD 5G NR FR1 TOD	7.83 7.92	±9.6
0792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	7.95	±9.6
0793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	
0.794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
0.795	-	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)			
0796	AAF	SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.82 8.01	±9.6
0797	AAE	SG NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	7.89	±9.6
_	AAF			7.93	19.6
0799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	50 NR FR1 TDD 5G NR FR1 TDD	7.89	±9.6
	AAF	SG NR (CP-OFDM, 1 R8, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	
0803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
0805	AAE	SG NR (CP-OFDM, 1 HB, 100 NHz, GPSK, 30 NHz)	5G NR FR1 TDD	8.34	±9.6
0.808	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	53 NR FR1 TDD	8.37	19.0
0.809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 MHz)	5G NR FR1 TDD	8.34	19.0
0810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	8.34	±9.6
0812	AAF	5G NR (CP-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8:35	19.6
0817		5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	197
0818	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	19.0
0819	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TOD	8.33	19.0
0820	AAE	50 NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	197
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.0
0822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	53 NR FR1 TDD	8.41	±9.
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
0824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAF	56 NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.41	
10825	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.42	±9.8
ydestylerizetskytti	-	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TD0		19.6
10828	AAE	ad ain jur-urum, 100% nb, aumnz, uron, aumnzj	DU NH FRT IDO	8.43	±9.

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0829	AAF	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	SG NR FR1 TDD	8.40	±9.6
0830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	6G NR FR1 TDD	7.63	±9.6
0831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
0832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
0833	AAD	50 NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
0834	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
0835	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
0836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	19.6
10837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
0840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 80 kHz)	5G NA FR1 TOD	7.67	±9.6
10841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAE	50 NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAE	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 60kHz)	5G NR FR1 TDD	B.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAE	5Q NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	19.6
0.859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	19.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	58 NR FR1 TD0	8,40	±9.6
10863	AAF.	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAF	5G NR (DFT-6-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,89	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz; QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TD0	5.75	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-e-OFDM, 1 RB, 100MHz, 64QAM, 120kHz)	5G NR FR2 TD0	6.61	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	7.78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NA FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TOD	8.38	±9.6
10881	AAE	5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 1203Hz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 54QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 54QAM, 120 kHz)	58 NR FR2 TD0	8.41	19.6
10897	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,66	±9.6
10898	AAC	5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDO	5.67	±9.6
10899	AAB	5G NR (DFT-s-DFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	5.67	±9.6
10900	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.68	±9.6
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.68	±9.6
10904	- Contractor	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.8
10906	_	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	5.68	±9.6
10907	-	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.7B	±9.6
10908	and the second second	5G NR (DFT a-OFDM, 50% RB, 10MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	-		5G NR FR1 TDD	5,98	±9.6
	AAC		5G NR FR1 TDD	5.83	±9.6

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10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10912	AAC	5G NR (DFT-s-OFDM, 50% R8, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0913	CAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,85	±9.6
0915	AAD	5G NR (DFT s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
0916	AAD	5G NR (DFT-a-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
0917	AAD	5G NR (DFTs-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	19.6
0918	AAE	5G NR (DFTs-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
0919	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	19.6
0920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.87	19.6
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.84	19.6
	AAB		5G NR FR1 TDD	5.82	±9.6
0922	Acceptance of the Control	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0923	AAC	A STATE OF THE STA	5G NA FRI TOD		-
0924	AAD	5G NR (DFT-8-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	11-15-10-10-10-10-10-10-10-10-10-10-10-10-10-	5.84	±9.6
0925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
0926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.84	±9.6
0927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.94	±9.6
0928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
0829	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,52	±9.6
0930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
0931	AAC	5G NR (DFT-s-DFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
0932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
0933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
0934	AAC	5G NR (DFT-s-OFDM, 1 RB. 40 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.51	±9.6
0935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0936	AAD	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
0937	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.77	±9.6
0938	AAC	50 NR (DFT-s-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
-	-		5G NR FR1 FDD	5.82	
0939	AAC	5G NR (DFTs-OFDM, 50% RB, 20 MHz, QPSK, 15 MHz)			±9.6
0940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	6G NR FR1 FDD	5,89	±9.6
0941	AAC	5G NR (DFT-8-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
0942	AAC	SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
0943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9,6
0944	AAD	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	±9.6
0945	CAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
0.946	AAC	5G NR (DFT-s-OFDM, 100% RB. 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
0947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	19.6
0948	AAC	5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
0.949	AAC	5G NR (DFT-6-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
0950	AAC	5G NR (DFT-a-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	19.6
0951	AAD	5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
0952	AAA	SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
0953	AAA		53 NR FR1 FD0	8.15	19.6
	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15kHz)			
0954	-	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
0955	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
0956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
0.057	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
0958	AAA.	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
0959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	5.33	±9.6
0960	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
1860	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
0982	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.40	±9.6
0963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
0964	AAE	5G NR DL (CP OFDM, TM 3.1, 5 MHz, 64 QAM, 30 kHz)	5G NR FR1 TDD	9.29	19.6
0965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
0966	AAB		5G NR FR1 TDD	9.55	±9.6
0967	-	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
0968	-	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	19.6
0972		5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15kHz)	A CONTROL OF CONTROL O		
	-		5G NR FR1 TDD	11,59	±9.6
0973		5G NR (DFT-s-OFDM, 1 R8, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
0974	en en der 6 belateren er	SG NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
0978	AAA	ULLA BOR	ULLA	1,16	±9.6
0979	to the street because	ULLA HDR4	ULLA	9.58	±9.6
0.990	AAA	ULLA HDR8	ULLA	10.32	±9.6
0.981	AAA	ULLA HDRp4	ULLA	3.19	19.6
0982	AAA	ULLA HDRb8	ULLA	3.43	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = S
10983	AAC	SG NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15kHz)	50 NR FR1 TDD	9.42	±9.6
10986	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9:54	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	19.6
10987	AAC	5G NR DL (CP-DEDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.52	19.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDO	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FOD	8.76	19.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FOD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	BAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	19.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802,11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8,27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 98pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

E Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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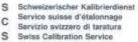


#### Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland







Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7370\_Aug23

## CALIBRATION CERTIFICATE

Object EX3DV4 - SN:7370

Calibration procedure(s) QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

**QA CAL-25.v8** 

Calibration procedure for dosimetric E-field probes

Calibration date August 24, 2023

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3) °C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	-06-Jan-23 (No. ES3-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E44198	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	BN: 000110210	06-Apr-15 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house chark: Oct.24

Calibrated by Jeffrey Katzman Laboratory Technician

Approved by Sven Kühri Technicial Manager

Issued: August 25, 2023

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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### Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





- S Schweizerischer Kalibrierdienst Service suisse d'étalonnage
- C Service suisse d'étalonnage Servizio svizzero di taratura
- S Swiss Calibration Service

Accreditation No.: SCS 0108

#### Glossary

TSL fissue simulating liquid
NORMx,y,z sensitivity in free space
CorvF sensitivity in TSL / NORMx,y,z
DCP diode compression point

edited by the Swiss Accreditation Service (SA5)

CF crest factor (1/duty\_cycle) of the RF signal A, B, C, D modulation dependent linearization parameters

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates.

Polarization φ φ rotation around probe axis

Polarization 8 8 rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., 8 = 0 is

normal to probe axis

Connector Angle Information used in DASY system to align probe sensor X to the robot coordinate system

#### Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization # = 0 (f > 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below CoryF).
- NORM()x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for t ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for t > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
   No tolerance required.
- · Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required),

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## Parameters of Probe: EX3DV4 - SN:7370

### **Basic Calibration Parameters**

so amenderate the	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.45	0.49	0.42	±10.1%
DCP (mV) B	97.0	108.4	98.5	±4.7%

## Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	WR mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0.00	0.00	1.00	0.00	159.4	±3.3%	±4.7%
		Y	0.00	0.00	1.00		157.2		
		2	0.00	0.00	1,00		169.9		
10352	Pulse Waveform (200Hz, 10%)	X	2.59	65.69	10.04	10.00	60.0	±3.0%	±9.6%
		Y	2.59	65,66	9.76		60.0		
		Z	3.65	69.74	11.98		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	2.17	66.62	9.58	6,99	80.0	±2.0%	±9.6%
		Y	1.26	63.29	7.67		80.0		
		2	9.57	79.86	14.21		80.0	1	
10354	Pulse Waveform (200Hz, 40%)	X	20.00	83.68	13.69	3,98	95.0	±1.4%	±9.6%
		Y	0.42	60.34	5.10		95.0		
		Z	20.00	86.65	14.86		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	86.29	13.93	2.22	120.0	±1.2%	±9.6%
		Y	0.23	60.00	3.76		120.0		
		Z	20.00	87.77	14,30		120.0		
10387	QPSK Waveform, 1 MHz	X	1.94	89.75	17:07	1.00	150.0	±3.0%	±9.6%
		Y	1.51	87.63	14.85		150.0		
		Z	1.65	67.19	15.31		150.0		
10388	QPSK Waveform, 10 MHz	X	2,56	71.05	17.60	0.00	150.0	±0.9%	±9.6%
		Y	2.00	67.93	15.58		150.0		
		Z	2.18	68.23	15.98		150.0	Í	
10396	54-QAM Waveform, 100 kHz	X	2.41	68.43	18,51	3.01	150.0	±1.7%	±9.6%
		Y	2.40	69.00	18.05		150.0		
		Z	2.17	67.49	18.56		150.0	f	
10399	64-QAM Waveform, 40 MHz	X	3.64	68.05	16.54	0.00	150.0	±1.8%	±9.6%
		Y	3.34	67.14	15.68	11558	150.0		
		Z	3,47	67.12	15.88		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4,87	65.93	15.92	0.00	150.0	±3.7%	±9.6%
		Y	4.60	65.84	15.53	1777.0	150.0	-0.00	EBW.
		Z	4.77	65.84	15.63		150.0		

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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A This snoestwittles of Norm X.Y.Z do not effect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 5).

B Linearization parameter uncertainty for maximum specified field shength.

Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the right value.



August 24, 2023

## Parameters of Probe: EX3DV4 - SN:7370

#### Sensor Model Parameters

	C1 fF	C2 fF	/α V <sup>-1</sup>	T1 msV <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	T4 V-2	T5 V-1	T6
38	42.6	321.74	36,53	11.35	0.00	5,00	0.00	0.31	1.01
V	30.5	221.03	33.80	3.65	0.00	5.02	0.84	0.15	1.01
Z	38.3	289.50	36,43	7.26	0.00	5.02	0.00	0.17	1.01

### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-83.8*
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	.2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Note: Measurement distance from surface can be increased to 3-4 mm for an Area Scan job.



August 24, 2023 EX3DV4 - SN:7370

## Parameters of Probe: EX3DV4 - SN:7370

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
750	41.9	0.89	10.38	10.38	10,38	0.51	0.80	±12.0%
835	41.5	0.90	10.01	10.01	10.01	0.44	0.80	±12.0%
900	41.5	0.97	9.77	9.77	9.77	0.46	0.82	±12.0%
1750	40.1	1.37	8.66	8.66	8.66	0.29	0.90	±12.0%
1900	40.0	1.40	5.29	8.29	8.29	0.25	0.90	±12.0%
2450	39.2	1.80	7.71	7.71	7.71	0.31	0.86	±12.0%
2600	39.0	1.96	7.57	7,57	7.57	0.30	0.86	±12.0%
3300	38.2	2,71	6.85	6.85	6.85	0,30	1.35	±14.0%
3500	37.9	2.91	6,78	6.78	6,78	0.40	1.35	±14.0%
3700	37,7	3.12	6.80	6.80	6.80	0.40	1.40	±14.0%
3900	37.5	3.32	6.35	6.35	6.35	0.35	1,50	±14.0%
4100	37,2	3,53	6,29	6.29	6.29	0.35	1.50	±14.0%
4400	36.9	3.84	6.03	6.03	6.03	0.40	1.60	±14.0%
4600	36.7	4,04	6.00	6.00	6.00	0.35	1.70	±14,0%
4800	36.4	4.25	5.99	5.99	5.99	0.40	1.80	±14.0%
4950	36.3	4.40	5.75	5.75	5.75	0.40	1.80	±14.0%
5250	35.9	4.71	5.24	5.24	5.24	0.40	1.80	±14.0%
5600	35.5	5,07	4.63	4,63	4.63	0.40	1.80	±14.0%
5750	35.4	5.22	4.81	4.81	4.81	0.40	1.80	±14.0%
5800	35.3	5.27	4.76	4.76	4,76	0.40	1.80	±14,0%

C. Prequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the Cern/F uncertainty at calibration frequency snot the uncertainty for the indicated frequency band. Prequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for Corn/F assessed at 5 MHz is 4-8 MHz, and Corn/F assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

The probles are calibrated using fiscale simulating liquids (TSL) that deviate for a and ir by less than ±5% from the target values (typically better than ±3%) and are valid for TSL, with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7-3 GHz and 13.1% for 3-6 GHz.

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G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe (ip diameter from the boundary.



August 24, 2023

### Parameters of Probe: EX3DV4 - SN:7370

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>ti</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
6500	34.5	6.07	5.60	5.60	5.60	0.20	2.50	±18.6%

<sup>©</sup> Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the Com/F uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

The probes are calibrated using fissue simulating Equats (TSL) that deviate for c and or by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

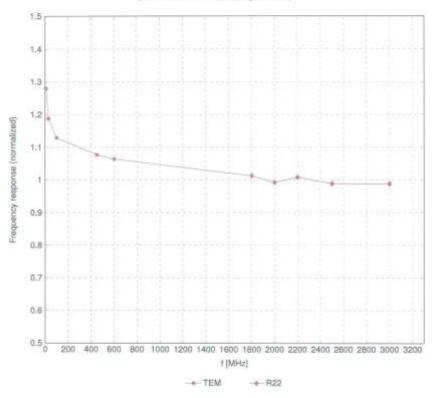
Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less

than ±1% for frequencies below 3 GHz, below ±2% for frequencies between 3-6 GHz, and below ±4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.



## Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide:R22)



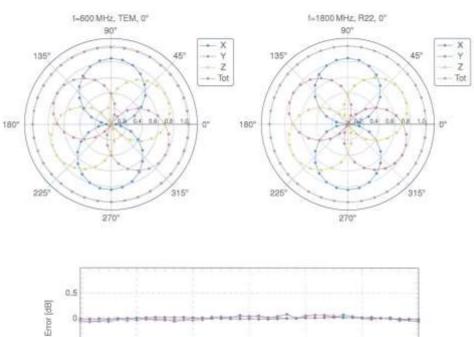
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

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# Receiving Pattern ( $\phi$ ), $\theta = 0^{\circ}$



60 120 180 240 300 360 Roll [\*]

100 MHz + 600 MHz 1800 MHz + 2500 MHz

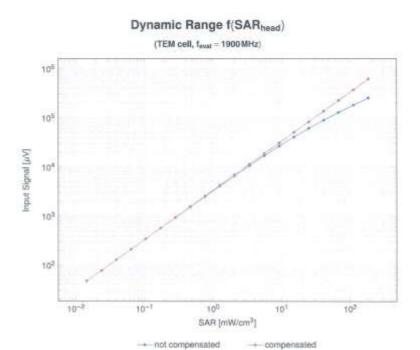
Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

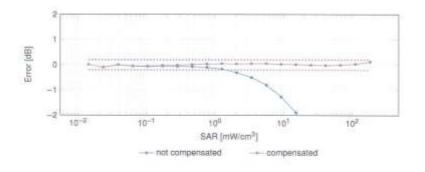
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-0.5

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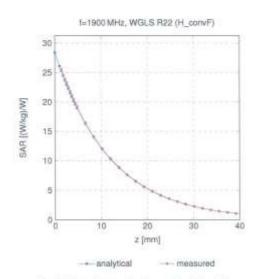
Uncertainty of Linearity Assessment: ±0.6% (k=2)

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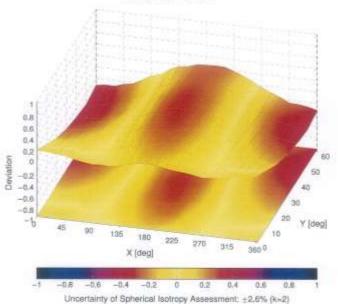


## Conversion Factor Assessment



# Deviation from Isotropy in Liquid

Error  $(\phi, \theta)$ , t = 900 MHz



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# Appendix: Modulation Calibration Parameters

0   CA   CA   CA   CA   CA   CA   CA   C	C LWTS-FDO (WCDMA)  8 IEEE 802.119 WIFF 2.4 GHz (DSSS, 1 Mbps)  8 IEEE 802.119 WIFF 2.4 GHz (DSSS-OFDM, 6 Mbps)  C GSW-PDD (TDMA, GMSR)  C GPRS-FDD (TDMA, GMSR, TN 0)  C GPRS-FDD (TDMA, SMSR, TN 0-1)  C EDGE-FDD (TDMA, SMSR, TN 0-1)  C EDGE-FDD (TDMA, SMSR, TN 0-1-2)  C GPRS-FDD (TDMA, GMSR, TN 0-1-2)  C GPRS-FDD (TDMA, GMSR, TN 0-1-2)  C GPRS-FDD (TDMA, GMSR, TN 0-1-2)  A IEEE 802.15.1 Bluetooth (GFSR, DH3)  A IEEE 802.15.1 Bluetooth (GFSR, DH3)  A IEEE 802.15.1 Bluetooth (FPR-DQPSR, DH3)  A IEEE 802.15.1 Bluetooth (FPR-DQPSR, DH3)  A IEEE 802.15.1 Bluetooth (PW-DQPSR, DH3)  A IEEE 802.15.1 Bluetooth (BPSR, DH3)  B IS-64.18.136 FDD (TDMAFDM, PV4-DQPSR, Haltute)  A IS-91.EIA/TIA-SSS FDD (FDMA, FM)	CW Test WCDMA WLAN WLAN WLAN GSM	0.00 10.00 2.91 1.87 9.46 9.57 6.58 12.62 4.80 3.55 7.78 5.30 1.87 1.16 3.83 8.01 4.77	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
10011 CA 10012 CA 10012 CA 10012 CA 10012 CA 10021 DA 10022 DA 10022 DA 10022 DA 10022 DA 10022 DA 10022 CA 10023 CA 10020 CA 10031 CA 100	C LWTS-FDO (WCDMA)  8 IEEE 802.119 WIFF 2.4 GHz (DSSS, 1 Mbps)  8 IEEE 802.119 WIFF 2.4 GHz (DSSS-OFDM, 6 Mbps)  C GSW-PDD (TDMA, GMSR)  C GPRS-FDD (TDMA, GMSR, TN 0)  C GPRS-FDD (TDMA, SMSR, TN 0-1)  C EDGE-FDD (TDMA, SMSR, TN 0-1)  C EDGE-FDD (TDMA, SMSR, TN 0-1-2)  C GPRS-FDD (TDMA, GMSR, TN 0-1-2)  C GPRS-FDD (TDMA, GMSR, TN 0-1-2)  C GPRS-FDD (TDMA, GMSR, TN 0-1-2)  A IEEE 802.15.1 Bluetooth (GFSR, DH3)  A IEEE 802.15.1 Bluetooth (GFSR, DH3)  A IEEE 802.15.1 Bluetooth (FPR-DQPSR, DH3)  A IEEE 802.15.1 Bluetooth (FPR-DQPSR, DH3)  A IEEE 802.15.1 Bluetooth (PW-DQPSR, DH3)  A IEEE 802.15.1 Bluetooth (BPSR, DH3)  B IS-64.18.136 FDD (TDMAFDM, PV4-DQPSR, Haltute)  A IS-91.EIA/TIA-SSS FDD (FDMA, FM)	WCDMA WLAN WLAN GSM GSM GSM GSM GSM GSM GSM GSM Buelooth Bluelooth	2.01 1.87 9.46 9.38 9.57 8.58 12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83 8.01	±0.6 ±0.6
10012 CA 10013 CA 10013 CA 10013 CA 10021 DA 10022 DA 10022 DA 10024 DA 10025 DA 10027 DA 10027 DA 10027 DA 10027 CA 10023 CA 10030 CA 10031 CA 100	B IEEE 802.110 WIFI 2.4 GHz (DSSS, 1 Mbps) B IEEE 802.110 WIFI 2.4 GHz (DSSS-OPDM, 6 Mbps) C GSM-FDD (TDMA, GMSK) C GPRS-FDD (TDMA, GMSK, TN 0) C GPRS-FDD (TDMA, GMSK, TN 0) C GDRS-FDD (TDMA, SPSK, TN 0) C GDRS-FDD (TDMA, SPSK, TN 0-1) C GPRS-FDD (TDMA, SPSK, TN 0-1) C GPRS-FDD (TDMA, SPSK, TN 0-1-2) C GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) C EDGS-FDD (TDMA, GMSK, TN 0-1-2-3) C EDGS-FDD (TDMA, GMSK, TN 0-1-2-3) A IEEE 802.15.1 Bluelooth (GFSK, GHT) A IEEE 802.15.1 Bluelooth (GFSK, GHS) A IEEE 802.15.1 Bluelooth (FN4-DGPSK, DHS) A IEEE 802.15.1 Bluelooth (PN4-DGPSK, DHS) A IEEE 802.15.1 Bluelooth (B-DPSK, DHS) B COMA2000 (INTT, RC1) B IS-64 / IS-136 FDD (TDMAFDM, FN4-DGPSK, Halhato) A IS-91.EIA/TIA-SSS FDD (FDMA, FM)	WLAN WLAN GSM GSM GSM GSM GSM GSM GSM GSM Bullooth Bluetooth	1.87 9.46 9.38 9.57 8.58 12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83 8.01	19.6 19.8 19.6 19.6 19.6 19.8 19.8 19.8 19.8 19.8 19.8 19.8 19.8
CAN		WLAN GSM GSM GSM GSM GSM GSM GSM GSM Bluetooth	9.46 9.38 9.57 6.58 12.62 9.55 4.80 3.55 7.76 5.90 1.87 1.16 7.74 4.53 3.83 8.01	#9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.8 #9.8 #9.8 #9.8 #9.8
DAI	C GSM-PDD (TDMA, GMSK) C GPRS-FDD (TDMA, GMSK, TN 0-) C GPRS-FDD (TDMA, GMSK, TN 0-1) C EDGE-FDD (TDMA, SMSK, TN 0-1) C EDGE-FDD (TDMA, SPSK, TN 0-1) C GPRS-FDD (TDMA, SMSK, TN 0-1-2) C GPRS-FDD (TDMA, GMSK, TN 0-1-2) C EDSE-FDD (TDMA, GMSK, TN 0-1-2) C EDSE-FDD (TDMA, GMSK, TN 0-1-2) A IEEE 802.15.1 Bluetooth (GFSK, DH3) A IEEE 802.15.1 Bluetooth (GFSK, DH3) A IEEE 802.15.1 Bluetooth (FPK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) B IS-S1.36 FDD (TDMAFDM, FPK, DR9) B IS-S1.36 FDD (TDMAFDM, FPK, DR9SK, Hallwate) B IS-S1.7 BLUETATIA-SSS FDD (FDMA, FM)	GSM GSM GSM GSM GSM GSM GSM GSM GSM Bluetooth	9.38 9.57 8.56 12.62 9.56 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83 8.01	±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8 ±9.8
0023 DA 0024 DA 0025 DA 0025 DA 0026 DA 0027 DA 0027 DA 0027 DA 0027 DA 0028 DA 0027 DA 0028 DA 0027 DA 0028 DA 0029 CA 0029 C	C GPRS-FD0 (TDMA, GMSK, TN 0) C GPRS-FD0 (TDMA, SMSK, TN 0-1) C EDGE-FD0 (TDMA, SMSK, TN 0-1) C EDGE-FD0 (TDMA, SPSK, TN 0-1) C GPRS-FD0 (TDMA, SMSK, TN 0-1-2) C GPRS-FD0 (TDMA, GMSK, TN 0-1-2-3) C EDGE-FD0 (TDMA, GMSK, TN 0-1-2-3) C EDGE-FD0 (TDMA, GMSK, TN 0-1-2-3) A IEEE 802.15.1 Bluelooth (GFSK, DH1) A IEEE 802.15.1 Bluelooth (GFSK, DH3) A IEEE 802.15.1 Bluelooth (GFSK, DH3) A IEEE 802.15.1 Bluelooth (PI4-DQPSK, DH3) A IEEE 802.15.1 Bluelooth (PI4-DQPSK, DH3) A IEEE 802.15.1 Bluelooth (PI4-DQPSK, DH3) A IEEE 802.15.1 Bluelooth (B-DPSK, DH3) B IEEE 802.15.1 Bluelooth (B-DPSK, DH3)	GSM GSM GSM GSM GSM GSM Bluelooth	9.57 6.58 12.62 9.56 4.80 3.55 7.76 5.00 1.87 1.16 7.74 4.53 3.83 8.01	±9.6 ±9.5 ±9.8 ±5.8 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10024 DA 10025 DA 10025 DA 10027 DA 10027 DA 10027 DA 10027 DA 10029 DA 10029 DA 10029 DA 10030 CA 10031 CA 103	G GPRS-FD0 (TDMA, SMSK, TN 0-1)  C EDGE-FD0 (TDMA, SPSK, TN 0)  C EDGE-FD0 (TDMA, SPSK, TN 0-1)  G GPRS-FD0 (TDMA, GMSK, TN 0-1-2)  G GPRS-FD0 (TDMA, GMSK, TN 0-1-2-3)  G EDGE-FD0 (TDMA, GMSK, TN 0-1-2-3)  A IEEE 802.15.1 Buselooth (GFSK, DH1)  A IEEE 802.15.1 Buselooth (GFSK, DH3)  A IEEE 802.15.1 Buselooth (FW-DQPSK, DH3)  A IEEE 802.15.1 Buselooth (B-DPSK, DH5)  B COMA3000 (ISHTT, RC1)  B IS-64 / IS-136 FDD (TDMAFDM, FW-DQPSK, Halhato)  A IS-91/EMATIA-SSS FDD (FDMA, FM)	GSM GSM GSM GSM GSM GSM Biselooth	6.58 12.62 9.56 4.89 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83 8.01	#9.5 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6 #9.6
10025 DA 10026 DA 10027 DA 10027 DA 10028 DA 10028 DA 10029 DA 10029 DA 10030 CA 100	C EDGE-FDD (TDMA, SPSK, TN 0) C EDGE-FDD (TDMA, SPSK, TN 0-1) C GPRS-FDD (TDMA, GMSK, TN 0-1-2) C GPRS-FDD (TDMA, GMSK, TN 0-1-2) C EDGE-FDD (TDMA, GMSK, TN 0-1-2-3) C EDGE-FDD (TDMA, GMSK, CH3) C IEEE 802.15.1 Bluetooth (GFSK, CH3) C IEEE 802.15.1 Bluetooth (GFSK, CH3) C IEEE 802.15.1 Bluetooth (PI4-DQFSK, CH3) C IEEE 802.15.1 Bluetooth (PI4-DQFSK, CH3) C IEEE 802.15.1 Bluetooth (PI4-DQFSK, CH3) C IEEE 802.15.1 Bluetooth (B-DPSK, CH3)	GSM GSM GSM GSM GSM Bluetooth	12.62 9.56 4.80 3.55 7.78 5.00 1.87 1.16 7.74 4.53 3.89 8.01	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10020 DA 10027 DA 10027 DA 110028 DA 110030 CA 110030 CA 110031 CA 110031 CA 110031 CA 110031 CA 110031 CA 110031 CA 110031 CA 110037 CA 110038 CA 110038 CA 110038 CA 110038 CA 110044 CA 110048 CA 110048 CA 110048 CA	C EDGE-FDD (TDMA, SPSK, TN 0-12) C GPRS-FDD (TDMA, GMSK, TN 0-1-2) C GPRS-FDD (TDMA, GMSK, TN 0-1-2) C EDGE-FDD (TDMA, GMSK, TN 0-1-2) A IEEE 802.15.1 Bluetooth (GFSK, DH1) A IEEE 802.15.1 Bluetooth (GFSK, DH3) A IEEE 802.15.1 Bluetooth (GFSK, DH3) A IEEE 802.15.1 Bluetooth (FPK, DH3) A IEEE 802.15.1 Bluetooth (PW-DQPSK, DH3) A IEEE 802.15.1 Bluetooth (PW-DQPSK, DH3) A IEEE 802.15.1 Bluetooth (PW-DQPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) B IS-54.18.136 FDD (TDMAFDM, PW-DQPSK, Hallwite) B IS-54.7 B.136 FDD (TDMAFDM, FW-LDQPSK, Hallwite) A IS-91.FIBATIA-SSS FDD (FDMA, FM)	GSM USM USM USM USM USM USM Bluetooth	9.95 4.80 3.55 7.78 5.90 1.87 1.16 7.74 4.53 3.89 8.01	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
10027 DA 10028 DA 10029 DA 10029 DA 10020 CA 10030 CA 10031 CA 1031 CA 10031 CA 10031 CA 10031 CA 10031 CA 10031 CA 10031 CA 1003	G GPRS-FDD (TDMA, GMSK, TN 0-1-2) G GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) G EDGE-FDD (TDMA, GMSK, TN 0-1-2-3) A IEEE 802.15.1 Bluetooth (GFSK, DH3) A IEEE 802.15.1 Bluetooth (GFSK, DH3) A IEEE 802.15.1 Bluetooth (GFSK, DH3) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) B IEEE 802.15.1 Bluetooth (B-DPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) B IEEE 802.15.1 Bluetooth (B-DPSK, DH3) B IEEE 802.15.1 Bluetooth (B-DPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) B IEEE 802.15.1 Bluetooth (B-DPSK, DH3)	OSM OSM OSM Bluetooth	4.80 3.55 7.78 5.90 1.87 1.16 7.74 4.53 3.83 8.01	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10088 DA 10080 CA 10080 CA 10081 CA 10082 CA 10082 CA 10081 CA 10082 CA 10081 CA 10081 CA 10081 CA 10082 CA	G BPRS-FDD (TDMA, BMSK, TN 0-1-2-3)  G EDGE-FDD (TDMA, 9PSK, TN 0-1-2)  A IEEE 802.15.1 Bluefooth (GFSK, DH3)  A IEEE 802.15.1 Bluefooth (GFSK, DH3)  A IEEE 802.15.1 Bluefooth (GFSK, DH3)  A IEEE 802.15.1 Bluefooth (PI4-DQPSK, DH3)  A IEEE 802.15.1 Bluefooth (B-DPSK, DH3)  A IEEE 802.15.1 Bluefooth (B-DPSK, DH3)  A IEEE 802.15.1 Bluefooth (B-DPSK, DH3)  B IS-64.18-136 FDD (TDMAFDM, PV4-DQPSK, Halhato)  A IS-91.IEIA/TIA-SSS FDD (FDMA, FM)	GSM GSM Bluetooth	3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83 8.01	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
19029 DA 19030 CA 19031 CA 19032 CA 19032 CA 19034 CA 19035 CA 19038 CA 19038 CA 19038 CA 19038 CA 19038 CA 19042 CA 19042 CA 19042 CA 19043 CA 19044 CA 19045 CA	G EDGE-PDD (TDMA, 6PSK, TN 0-1-2)  A IEEE 802.15.1 Bluefooth (GFSK, DH1)  A IEEE 802.15.1 Bluefooth (GFSK, DH3)  A IEEE 802.15.1 Bluefooth (GFSK, DH3)  A IEEE 802.15.1 Bluefooth (PI4-DQPSK, DH3)  A IEEE 802.15.1 Bluefooth (B-DPSK, DH3)  A IEEE 802.15.1 Bluefooth (B-DPSK, DH3)  A IEEE 802.15.1 Bluefooth (B-DPSK, DH3)  B IS-51/13-136 FDD (TDMA/FDM, PV4-DQPSK, Halfvato)  A IS-91/EIA/TIA-SSS FDD (TDMA/FDM, FM)	GSM Bluetooth	7.78 5.30 1.87 1.16 7.74 4.53 3.83 8.01	±9.8 ±9.8 ±9.8 ±9.8 ±9.4 ±9.6
10030 CA 10031 CA 10032 GA 10032 GA 10033 CA 10035 CA 10036 CA 10037 CA 10038 CA 10038 CA 10038 CA 10042 CA 10044 CA 10044 CA 10046 CA	A IEEE 802.15.1 Bluetooth (GFSK, DH1) A IEEE 802.15.1 Bluetooth (GFSK, DH3) A IEEE 802.15.1 Bluetooth (GFSK, DH3) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) B IEEE 802.15.1 Bluetooth (B-DPSK, DH3) A IEEE 802.15.1 Bluetooth (B-DPSK, DH3) B IS-54.7 B-136 FDD (TDMAFDM, PV4-DQPSK, Halfvato) A IS-91.FIBATIA-SSS FDD (FDMA, FM)	Bluetooth	5.90 1.87 1.16 7.74 4.53 3.83 8.01	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10081 CA 10082 CA 10083 CA 10085 CA 10085 CA 10085 CA 10088 CA 10088 CA 10088 CA 10088 CA 10088 CA 10088 CA 10088 CA 10088 CA 10088 CA	A IEEE 802.15.1 Bluetooth (GPSK, DH3) A IEEE 802.15.1 Bluetooth (GPSK, DH5) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH1) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH3) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH3) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH5) A IEEE 802.15.1 Bluetooth (B-DPSK, DH5) A IEEE 802.15.1 Bluetooth (B-DPSK, DH5) B IEEE 802.15.1 Bluetooth (B-DPSK, DH5)	Bluetooth	1.87 1.16 7.74 4.53 3.89 8.01	#9# #9# #8± #8± #9# 80±
10082 GA 10000 CA 10004 GA 10005 CA 10008 CA 10008 CA 10008 CA 10088 CA 10088 CA 10044 CA 10048 CA 10048 CA	A IEEE 802.15.1 Bluetooth (GFSK, DH5) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH1) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH3) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH5) A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH5) A IEEE 802.15.1 Bluetooth (8-DPSK, DH3) A IEEE 802.15.1 Bluetooth (8-DPSK, DH3) B IEEE 802.15.1 Bluetooth (8-DPSK, DH5) B IS-64 / IS-36 FDD (TDMAFDM, PV4-DQPSK, Halfvato) A IS-91/EIA/TIA-SS8 FDD (FDMA, FM)	Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	1.16 7.74 4.53 3.83 8.01	19.8 19.6 19.6
10033 CA 10004 CA 10035 CA 10036 CA 10037 CA 10038 CA 10038 CA 10038 CA 10042 CA 10044 CA 10045 CA 10046 CA	A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH1)  A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH3)  A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH5)  A IEEE 802.15.1 Bluetooth (B-DPSK, DH5)  A IEEE 802.15.1 Bluetooth (B-DPSK, DH3)  A IEEE 802.15.1 Bluetooth (B-DPSK, DH3)  B IEEE 802.15.1 Bluetooth (B-DPSK, DH5)  B IEEE 802.15.1 Bluetooth (B-DPSK, DH5)  B IS-54/18-136 FDD (TDMAFDM, PV4-DQPSK, Halfvato)  A IS-91/EIA/TIA-SSS FDD (FDMA, FM)	Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	7.74 4.53 3.83 8.01	±9.fl ±9.fl ±9.fl
10004 CA 10005 CA 10008 CA 10007 CA 10008 CA 10008 CA 10008 CA 10004 CA 10004 CA 10006 CA	A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH3)  A IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH5)  A IEEE 802.15.1 Bluetooth (B-DPSK, DH5)  A IEEE 802.15.1 Bluetooth (B-DPSK, DH5)  A IEEE 802.15.1 Bluetooth (B-DPSK, DH5)  B COMA2000 (INTT, RC1)  B IS-64 / B-136 FDD (TDMAFDM, PV4-DQPSK, Halhato)  A IS-91/ENATIA-553 FDD (FDMA, FM)	Bluetoch Bluetoch Bluetoch Bluetoch Bluetoch	4,53 3,83 8,01	±9.6
10035 CA 10036 CA 10037 CA 10038 CA 10038 CA 10042 CA 10044 CA 10044 CA 10049 CA 10056 CA	A IEEE 802.15.1 Buetsoch (PM-DQPSK, DH5)  A IEEE 802.15.1 Buetsoch (PM-DQPSK, DH5)  A IEEE 802.15.1 Buetsoch (B-DPSK, DH5)  A IEEE 802.15.1 Buetsoch (B-DPSK, DH5)  B COMA2000 (TMTT, RC1)  B IS-64 / IS-136 FDD (TDMA/FDM, FV4-DQPSK, Halhato)  A IS-91/EM/TM-SSS FDD (FDMA, FM)	Bluetooth Bluetooth Bluetooth Bluetooth	3.83 8.01	±9.6
10036 CA 10037 CA 10038 CA 10038 CA 10042 CA 10044 CA 10044 CA 10048 CA 10048 CA	A IEEE 802.15.1 Biserooth (8-DPSK, DH1)  A IEEE 802.15.1 Biserooth (8-DPSK, DH3)  A IEEE 802.15.1 Biserooth (8-DPSK, DH3)  B COMAZOOD (1xHTT, RC1)  B IS-64 / IS-36 FDD (TDMAFDM, PV4-DQPSK, Halfvato)  A IS-91/EIA/TIA-553 FDD (FDMA, FM)	Bluetooth Bluetooth Bluetooth	8.01	
10037 CA 10038 CA 10038 CA 10042 CA 10044 CA 10048 CA 10048 CA 10048 CA	A IEEE 802.15.1 Stuntooth (8-DPSK, DHS)  A IEEE 802.15.1 Stuntooth (8-DPSK, DHS)  B COMAZOOD (1+FTT, RC1)  B IS-64/18-136 FDD (TDMAFDM, PV4-DQPSK, Halfrato)  A IS-91/EIA/TIA-SS3 FDD (FDMA, FM)	Bluetooth Bluetooth		
10038 CA 10038 CA 10042 CA 10044 CA 10048 CA 10048 CA 10056 CA	A IEEE 802.19.1 Bluetooth (8-DPSK, DHS)  50 COMA3000 (14TT, RC1)  51 S-54 / IS-136 FDD (TDMAFDM, FV4-DQPSK, Halfrate)  A IS-91/EIA/TIA-553 FDD (FDMA, FM)	Bluetooth	4.77	±9.6
10038 CA 10042 CA 10044 CA 10048 CA 10048 CA 10056 CA	B CDMA2000 (1xFTT, RC1) B IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Halfrato) A IS-91/EIA/TIA-553 FDD (FDMA, FM)			£9.6
10042 CA 10044 CA 10048 CA 10049 CA 10056 CA	IS IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Halfville)  A IS-91/EIA/TIA-SS3 FDD (FDMA, FM)		4,10	±9.6
10044 CA 10048 CA 10049 CA 10056 CA	A IS-91/EIA/TIA-SS3 FDD (FDMA, FM)	And the second s	4.57	19.8
10048 CA 10049 CA 10056 DA		AMPS	7.78	±9.6
10049 CA 10056 CA		AMPS	0.00	±9.6
10056 DA	The state of the s	DECT	13.80	19.6
Contract Con	NAME OF TAXABLE PARTY O	DECT	10.79	19.6
ADDED DO	The Charles of the Hart Control of the Control of t	TD-SCDMA	11.01	±9.0
Carle at Principle		GSM	6.52	29.6
10859 CA		WLAN	2.12	±9.6
10060 GA		WLAN	2.83	±9.6
10001 CA		WLAN	3.60	1/0.0
10062 CA		WLAN	8.88	8.9.6
10063 CA		WLAN	6.63	±9.6
10064 CA		WLAN	9.09	±9.6
10065 CA		WLAN	9.00	±9.6
10068 CA		WLAN	9.38	9.61
10867 CA		WLAN	10.12	±9.6
10068 CA		WLAN	10.24	±8.6
10099 CA		WLAN	10.58	+9.6
10071 CA		WLAN	9.83	±9.6
10072 CA		WLAN	9.62	±0.0
10073 CA		WLAN	9.94	±9.6
10074 CA		WLAN	10.30	±8.6
10075 CA		WLAN	10.77	±9,6
10078 CA		WLAN	10.94	±0.6
10077 CA		WLAN	11:00	#9.6
10081 CA		CDMA2000	3.97	±9.6
10082 CA		AMPS	4.77	±9.6
10090 DA		GSM	6.56	±9.6
10097 CA	COLUMN TO THE PROPERTY OF THE	WCDMA	3.98	±9.6
10098 CA		WCBMA	3.98	±9.6
10099 DA		GSM	0.55	±9.6
10100 CA		LTE-FOD	5.67	±9.6
10 101   CA		LTE-FDD	6.42	±9.6
10102 CA		17E-F00	6.60	±9.0
10103 CA		LTE-100	9.29	19.6
10104 GA		LTE-TOD	8.97	±8/6
10105 CA	The Control of Control of the Contro	LTE-TOD	10.01	±9.6
10108 CA		LTE-F00	5.80	19,6
10109 GA		LTE-FD0	6.43	±9.6
10110 GA		LTE-FDD	5.75 5.44	±9.6 ±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>k</sup> $k=2$
10112	CAH	LTE-FDD (SC-FDMA, 190% RB, 10 MHz, 84-QAM)	LTE-F00	6.59	19.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FD0	6.62	19.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mops, BPSK)	WLAN	8.10	69.8
10115	CAD	IEEE 802,11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	19.0
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802,11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8,07	±9.6
10115	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 18-QAM)	WLAN	H.50	49.8
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 84-QAM)	WLAN	8.13	19.6
10140	CAF	LTE-FOD (SC-FDMA, 100% RB, 15MHz, 15-QAM)	LTE-F00	0.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-F00	6.53	±9.6
10142	CAF	LTE-F00 (SC-F0MA, 100% RB, 3 MHz, QPSK)	LTE-F00	5.73	19.6
10143	CAF	LTE-FOD (SG-FOMA, 190% RB, 3 MHz, 16-QAM)	LTE-F00	6.35	+9.6
10144	CAF	LTE-FOD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-F00	8.85	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 109% RB, 1.4 MHz, QPSK)	LTE-F00	5.76	19.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1,4MHz, 16-QAM)	LTE-F00	6.41	19.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-F00	8.72	±8.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FOO	8.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FOO	6.60	19.6
10161	CAH	LTE-TOO (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-TOO	9.28	19.6
10152	CAH	LTE-TOD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-TOO	8.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM)	LTE-700	10.05	±9.6
10154	CAH	LTE-FDD (9C-FDMA, 50% RB, 10 MHz, QPSK)	LTE-F00	5.75	±9.6
10155	CAH	LTE-FOO (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-F00	6.43	±9.6
10156	CAH	LTE-FOD (SC-FOMA, 50% RB, 5 MHz, QPSK)	LTE-FOO	5.79	
10157	CAH	LTE-FDD (BC-FDMA, 50% RB, 5MHz, 18-QAM)	LTE-FOO	5.79	±9.6
10158	CAH	LTE-FOD (SC-FOMA, 50% RB, 10 MHz, 64-QAM)	LTE-F00	6.62	19.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)			±9.6
10160	CAF	LTE-FDD (BC-FDMA, 50% RB, 15 MHz, OPSK)	LTE-F00	8.50	±9.6
10161	GAF	LTE-FOD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)		5.82	±9.0
10162	CAF	LTE-FOO (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-F00	6.40	+9.6
10166	CAG	LTE-FOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-F00	11.58	±8.6
10167	CAG		LTE-F00	5.48	±9.6
		LTE-FOD (SC-FDMA, 50% RB, 1.4MHz, 16-DAM)	LTE-FOO	8.21	19.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FOO	8.79	±9.6
10168	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FOD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz. 16-QAM)	LTE-FOD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 R8, 20 MHz, 64-QAM)	LTE-FD0	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TOD	9.21	±9.5
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 18-QAM)	LTE-TOD	9.48	±9.6
10174	CAH	LTE-TOD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-TOD	10.25	19.6
10175	CAH	LTE-FDD (BC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	0.52	±9.6
10177	CAL	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.73	9.03
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	£9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 84-QAM)	LTE-FDD	6.50	±8.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-DAM)	LTE-FDD	6.60	9.03
10151	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±8.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	19.8
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FOD	5.73	19.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	19.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.0
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK)	LTE-FDD	9.73	19.8
10:188	CAG	LTE-FDD (SC-FDMA; 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE FDD	6.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.0
10 104	CAD	IEEE 802.11n (HT Greenfeld, 39 Mbps, 16-QAM)	WLAN	8,12	+9.6
10 195	CAD	IEEE 802,11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	19.6
10 196	CAD	IEEE BCQ, 11n (HT Mixed, 6,5 Mbps, BPSK)	WLAN	8.10	
10107	CAD	IEEE 802,11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN		+9:8
10 198	CAD	IEEE 802,11n (HT Mired, 95 Mbps, 64-QAM)		8.13	±0.6
10219	CAD	IEEE 802.116 (HT Mised, 7,2 Mbps, BPSK)	WLAN	8.27	±9.fl
10220	CAD	IEEE 802:11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.03	19.0
10221	CAD		WLAN	0.13	19.8
10221	CAD	Control of the Contro	WLAN	8.27	±9.8
			WLAN	8.06	±9/6
0223	CAD	IEEE 802.11n (HT Missol, 90 Mbps. 16-QAM)	W.AN	8.48	±9,6
10224	CAD	IEEE 802,11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.00	+9.6

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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	19.6
0228	DAG	LTE-TDD (SD-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TOO	9.49	±9.6
0227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LYE-TOO	10.26	±9.5
0228	CAC	I,TE-TDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK)	LTE-TOD	9.82	±9.8
0228	CAE	I.TE-TDD (BC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	1.9.6
0230	CAE	LTE-TDD (SC-FDMA, 1 R8, 3 MHz, 64-QAM)	LTE-TDD	10.25	19.6
0231	CAE	LTE-TDD (9C-FDMA, 1 RB, 3MHz, QP9K)	LTE-TDD	9,19	19.6
0535	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	1.9.8
0233	CAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 54-QAM)	LTE/TOD	10.25	19.6
0234	CAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	9,21	±9.0
0235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.8
0236	CAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TOD	10.25	+9.6
0237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	19.6
0.238	CAG	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9,48	±9.0
0.23#	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0.240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±1.8
0241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	₹9.6
0/242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
0243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TOD	9.46	±9.0
0244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 18-GAM)	LTE-TDD	10.06	29.6
0248	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	#9.6
0246	CAE	LTE-TDD (SC-FDMA, 50% AB, 3 MHz, GPSK)	LTE-TOD	9.30	±9,6
0247	CAH	LTE-TDD (BC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 84-QAM)	LTE-TDD	10.09	#10.8
0249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TOD	9.29	19.6
0250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 15-QAM)	LTE-TOD	9.81	±9.6
0.251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 94-QAM)	LTE-TOD	10.17	±9.6
0252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.24	#9,6
253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 18-QAM)	LTE-TOD	9.90	±9.6
0254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
0255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	±9.6
0256	CAC	LTE-TDD (SC-FDMA, 100% RB. 1.4 MHz, 18-QAM)	LTE-TOD	9.96	±9.6
0257	CAC	LTE-TDD (SC-FDMA, 190% RB, 1,4 MHz, 84-QAM)	LTE-TOD	10.08	±9:0
0258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE TOD	0.34	±9.6
5250	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TOD	9.98	±9.6
0200	DAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
0261	CAE	LTE-TOD [SC-FDMA, 100% RB, 3MHz, QPSK]	TLE-LOD	0.24	±9.6
0262	CAH	LTE-TOD (SC-FDMA, 100% RB, SMHz, 16-QAM)	LTE-TOD	0.83	±11.6
0263	CAH	LTE-TDD (BC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TOD	10,16	19.6
264	CAH	LTE-TOD (SC-FDMA, 100% RB, 5 MHz, GPSK)	LTE-TOD	9.23	±9.6
285	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TOD	9.92	±9.0
0266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOD	10.07	9,03
267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.€
288	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±8.6
2869	CAG	LTE-TDD (SC-FDMA, 160% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TOD	9.58	±9.6
2274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8,10)	WCDMA	4.07	±9.6
1278	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8,4)	WCDMA	3.96	±9.8
1277	CAA	PHS (QPSK)	PHS	15.81	±9.6
1278	CAA	PHS (QPSK, BW 884 MHz, Rollett 0.5)	PHS	11.01	19.6
1279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.36)	PHS	12.18	±9.6
1290	AAB	COMA2000, RC3, SO55, Full Rate	COMA2000	3.91	£2.8
1291	AAB	COMA2000, RC3, SQ55, Full Rate	COMA2000	3.46	±9.6
1292	AAB	CDMA2000, RCS, SO32, Full Rate	CDMA2000	1,39	±9.6
1293	AAB	COMA2000, RC3, SO3, Full Rate	COMA2000	3.50	±9.6
295	AAB	COMA2000, RC1, SO0, 1/8th Rate 25 h.	CDMA2000	12,49	19.6
1297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.01	19.0
1298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, GPSR)	LTE#DD	5.72	£9.8
1299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±.9.8
1300	AAE	LTE-FDD (SG-FDMA, 50% RB, 3 MHz, 84-QAM)	LTE-FDD	8.60	±8.6
0301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSQ)	WIMAX	12.03	1.9.0
1305	AAA	IEEE 802 18e WIMAX (28:18, 5 ms, 10 MHz, GPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	1.9.6
0303	AAA	IEEE 802.15e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	12,52	±9.8
1304	AAA	IEEE 802,16e WMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	11.88	±9.6
0305	AAA	IEEE 802,16e WIMAX (31:15, 10 me, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.84	±9.6
1308	AAA .	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Linch k = 2
10:307	AAA	IEEE 802,16e WIMAX (29.18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	#9.6
10306	:AAA	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14.48	±9.6
10:309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 15 symbols)	WIMAX	14.58	±9,6
10310	AAA	IEEE 802.16e WIMAX (29.18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	19.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	+9.6
10313	AAA	IDEN 1.3	IDEN	10.51	±9.6
10314	AAA	DEN 19	IDEN	13.48	19.8
10315	AAB	IEEE 802,115 WiFi 2,4 CHir (DSSS, 1 Mops, 96pc duty cycle)	WLAN	1,71	±9.6
10318	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mops, 96pc duty cycle)	WLAN	8,36	±9.6
10317	AAD	IEEE 802.11a WFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8,36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10,00	19.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	19.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10.358	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10MHz	Generic	5.22	+9.6
10395	AAA	64-QAM Wavelorm, 1009Hz	Generic	6.27	±9.6
	10000		Generic	8.27	±9.6
10399	AAA	54-QAM Waveform, 40 MHz IEEE 802,11sc WIFI (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10400	AAE		WEAN	8.60	±9.5
10401	AAE	IEEE 802 11ac WIF (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	19.6
10402	AAE	IEEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle)	CDMA2500	3.76	±9.6
10403	AAB	GDMA2000 (1xEV-DO, Rex. 0)	CDMA2000	3.77	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000 CDMA2000	5.22	19.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	A STATE OF THE PARTY OF THE PAR		
10410	AAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3.4.7.8.9, Subtrame Conf=4)	LTE-TOO	7,82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	19.6
10415	AAA	IEEE 802,115 W.F.I. 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1,54	±9.6
10416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAG	IEEE 802.11a/s WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DISSS-OFDM, 6 Mbps, 99pc duty cycle, Long preembule)	WLAN	8.14	±9.6
10419	AAA.	IEEE 802.11g Wiff 2.4 GHz (DSSS-OFDM, 8 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±0.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±8.6
10.423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	19.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15Mbps, BPSK)	WLAN	8.41	±9.6
10.425	AAC	IEEE BD2.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps. 64-QAM)	WLAN	8.41	±0.6
10430	AAE	LTE-FDD (OFOMA, 5MHz, E-TM 3.1)	LTE-FOD	8.28	±9.6
10431	AAE	LTE-FDD (OFOMA, 10MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10.432	AAD	LTE-FDD (DFOMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±8.0
10.433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	BAA	W-COMA (98 Test Model 1, 64 DPCH)	WCDMA	8.60	±0.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Sutrivame=2.3,4,7.8,8)	LTE-TOD	7.62	±9.0
10447	AAE	LTE-FDD (OFOMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FOD	7.58	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Olippin 44%)	LTE-FDD	7.53	19.6
10449	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FD0	7.51	±8.6
10450	AAD	LTE-FOD (OFDMA; 20MHz, E-TM 3.1, Clipping 44%)	LTE-FOO	7.48	±9.6
10451	AAB	W-COMA (BS Tiest Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.50	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	19.6
10.456	AAC	IEEE 802,11sp W/FI (180 MHz, 64-QAM, 88pc duty cycle)	WLAN	8.60	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Hex. B, 3 carriers)	CDMA2000	8.25	19.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	MCDMV	0.00	
10461	AAC		LTE-TDD	7.82	±9.6
10462	AAC	LTE-TOD (SC-FDMA 1 RB, 1.4 MHz, QPSK, UL Subtrane «2.3.4.7.8.9)	LTE-TOO	-	±9.6
7 T T		LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-GAM, UL Subframe=2,3,4,7,8,9)	Secretary and the second	8.30	
10463	AAC	LTE-TOD (BC-FDMA, 1 RB, 1.4MHz, 64-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOO	8,56	±9:6
10464	AAD	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3.4,7,8,9)	LTE-TOO	7.82	±9,6
10405	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM, UL Subtraine-2.3,4,7,8.9)	LTE-TOO	0.52	±9,8
10466	AAD	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 84-QAM, UL Bulthame+2.3.4,7,8.9)	LTE-TOO	8.57	19.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TOO	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subtraine=2,3,4,7,8,9)	LTE-TOO	8.32	+9.8
10460	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	4.0,4
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7.82	1.0.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TOD	8.32	±9.6

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0.472	AAG	LTS-TOC (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe: 2,3,4,7,8,9)	LTE-TDD	8.57	£9.0
0473	AAF	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subhame-2,3,4,7,8,9)	LTE-TDD	7,82	8,63
0474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
0475	AAF	LTE-TOD (SC-FDMA, 1 RB, 15 MHz), 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-1DD	8.57	£9.6
0.477	AAG	LTE-TOD (SC-FOMA, 1 RB, 36 MHz, 18-QAM, UL Subfyame+2.3,4,7,8,9)	LTE-TDD	8.32	£9.6
0.470	AAG	LTE-T00 (SC-F0MA, 1 RB, 20 MHz, 64-GAM, UL Subframe=2,3,4,7,6,9)	LTE-TOD	B.57	19.6
0478	AAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subtrame=2,3.4.7,8.9)	LTE-TDD	7,74	19.6
0.480	AAC	LTE-TOD (SC-FDMA, 50% RE, 1.4 MHz, 16-QAM, UL Subframe-2.3.4,7.8.9)	LTE-TOD	8.18	1,0,6
0.481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 54-QAM, UL Subframe+2.3,4,7.8,9)	LTE-TDD	8,45	±9.6
0.482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.71	£9.6
0.480	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.39	±9.6
0.484	AAD	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subtrame=2,3;4,7,8;9)	LTE-TOO	8,47	49.6
0.486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
0488	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3.4,7,8.9)	LTE-TDD	8.38	8.83
0.487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subtane=2,3.4,7,8.9)	LTE-TOD	B.60	19.6
10-488	AAG	LTE-TDD (SC-FDMA, S0% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	28.6
0.489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2.3,4,7.8.9)	LTE-TOD	8.31	±9.6
0.490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 54-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.54	±0.6
10:491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,8,4,7,8,9)	LTE-TDD	7.74	29.6
0.492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subhame=2,3.4,7,8,9)	LTE-TOD	8.41	28.6
0.493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sutrivame 2.3.4,7.6.9)	LTE-TDD	8.55	±9.6
0.494	AAG	LTE-TDD (SC-FDMA, 80%, RB, 29 MHz, QPSK, UL Subframe=2.3.4,7,9,9)	LTE-TOD	7,74	±9.0
0.495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,5.4,7,8,9)	LTE-TOD	8.37	3,9,8
0498 0497	ANG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subhame=2,3.4,7,8.9)	LTE-TOD	8,54	49.6
or was a	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subtrane=2,3.4.7,8,9)	LTE-TDD	7.67	29.0
0.498	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,8)	LTE-TDD	8.40	±9.5
0.499	AACI	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 84-QAM, UL Subframes 2,3,4,7,8,9)	LTE-TOD	8.68	#9.6
0500	AAD	LTE-TDD (9C-FDMA, 100% RB, 3MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TDD	7.67	69.6
		LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TOD	8.44	±0.6
0502	AAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2.3.4.7.8,9)	LTE-TDD	8.52	+9.5
	7 75 7 7 7 7	LTE-TDD (SC-FDMA, 100% RE, 5 MHz, GPSK, UL Subframe=2,3.4.7.8.9)	LTE-TOD	7,72	69.6
0504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	69.0
0505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subhame=2,2,4,7,8,9)	LTE-TDD	8.54	±0.6
0.507	AAG	LTE-TDD (SC-FDMA, 100%, RB, 10 MHz, QPSK, UL Subtrame=2,3.4,7,8,9)	LTE-TOD	7.74	±9.6
0508	AAG	LTE-TDD (SC-FDMA, 180% RB, 15 MHz, 16-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
0509	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, U. Subframe=2.3,4,7,8,9)	LTE-TOD	8.55	19.6
0510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subtrame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.99	19.6
0511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe+2.3,4,7,8,9)	LTE-TOD	8.40	1.9.6
0512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subtrame=2,3,4,7,8,9)		8,51	≥0.0
0513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, LR, Subtrame-2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
0514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, U. Schrame-2,3,4,7,8,9)	LTE-TOD	8.42	69.8
0515	AAA.	IEEE 802.11b W/FI 2.4 GHz (DSSS, 2 Mbps, 96pc duty cycle)	LTE-TDD	8,45	±9.0
0518	AAA	IEEE 808,116 WFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.58	±9.8
0517	AAA	IEEE 802.11b WiFI 2.4 GHz (DSSS, 0.5 Mbps, 99pc duty cycle)	WLAN	1.57	19.6
0518	AAC	IEEE 802,11a WFI 2.4 GHz (DRSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.0
0519	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.23	£9.8
0520	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN		19.6
0521	AAC	IEEE 802.11a/h WIFI S GHz (OFDM, 24 Mbps, 99bc duty cycle)	WLAN	8.12 7.97	±9.6
0522	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 35 Mbps, 89pc duty cycle)			±9.6
1523	AAC	IEEE 802.11ah WIFI 5 GHz (OFDM, 48 Mbps, 95oc duty cycle)	WLAN	8.45	19.6
0524	AAC	IEEE 802.11a/h WIFI 5 GHz (OFOM, 54 Mbps, 99pc duty dyda)	WLAN	8.08	19.6
0525	AAC	IEEE 802.11ac WIFI (20 MHz, MCS0, 98pc duty cycle)	WLAN	0.27 8.36	±9.6
0526	AAC	IEEE 802.11ac WiF1 (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.0
1527	AAG	IEEE 802.11ac WiFI (20 MHz, MCS2, 99pc duty cycle)	WLAN		#9.6
0528	AAC	IEEE 802,11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	The state of the s	8.21	±9.6
0529	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 99pc duty cycle)	WLAN WLAN	8.36	49.6
0831	AAC	IEEE 802,11ac WiFI (20 MHz, MCSE, 99pc duty cycle)	WLAN	8.36	±9.6
582	AAG	IEEE 802.11ac WF1 (20 WHz, MCS7, 98pc duty cycle)	1,0100,000	8.43	±9.6
0533	AAC	IEEE 802.11ac WFI (20 MHz, MCSF, 99pc duty cycle)	WLAN	8.29	#9.6
0504	AAC	IEEE 802.11so WFI (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.38	#0.6
0535	AAC	IEEE 802.11ac WIFI (40 MHz, MCSI, 98pc duty cycle)	WLAN	8.45	#9.6
TO A THURSDAY	AAC		WLAN	8.45	2,0,6
0536	_	IEEE 802.11ae WFI (401MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
0537	AAC	IEEE 802.11ac WFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	8,44	±9.6
#B35	terbul promise	IEEE 802.11ac WFI (40 MHz, MCS4, 98pc duty cycle) IEEE 802.11ac WFI (40 MHz, MCS6, 98pc duty cycle)	WLAN	8.54	±9.0
0540	AAC-		WLAN	8.39	19.6

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10541	AAC	IEEE 802.11ac WIFI (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.5
10542	AAC	IEEE 802,11 ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN.	8,65	±9.6
0543	AAC	IEEE 802,11ac WiFi (40 MHz, MCS9, 98pc duty cycle)	WLAN	8.85	±9.6
0944	AAC	IEEE 802.11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	19.6
0545	AAC	IEEE 802,11ac WIFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0546	AAC	IEEE 602.11ac WIFI (80 MHz, MCS2, 98pc duly cycle)	WLAN	8.35	49.6
0547	AAC	IEEE 808,11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	19.6
0548	AAC	IEEE 802,11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	+9.6
0550	AAC	IEEE 802,11ac WIFI (80 MHz, MCS6, 99pc duty cycle)	WLAN	0.38	±9.6
	110000	IEEE 802.11ac WiFi (80 MHz, MCSR, 89pc duty cycle)	WLAN	8.50	19.6
0551	AAC		WLAN	8.42	#9.6
0552	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	19.6
0.553	AAC	IEEE 802,11ec WiFi (80 MHz, MCSS, 98pc duty cycle)	A STATE OF THE PARTY OF THE PAR		
0554	AAD	IEEE 802.11ac WFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9,6
0558	AAD	IEEE 902,11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	36.77	±9.6
0556	AAD	IEEE 802.11ac WiFi (160 MHz, MC52, 99pc duty cycle)	WLAN	8.50	±8.8
0557	AAD	IEEE 802.11ac WFI (160 MHz, MCSS, 99pc duty cycle)	WLAN	8.52	±8,8
0558	AAD	IEEE 802.11ac WIFI (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
0560	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	0.73	±9.6
0561	CAA	IEEE 802,11ac WIFI (180 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.8
0562	CAA	IEEE 802.11ac WIFI (160 MHz, MCS8, 98pc duty cycle)	WLAN	8.99	±9.5
0563	AAD	IEEE 802,11ac WIFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
0564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
0565	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFOM, 12 Mbps, 99pc duty cycle)	WLAN:	8.45	19.6
0.566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
0567	AAA	IEEE 802,11g WIFI 2,4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	+9.6
0.568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
0.589	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
0.670	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 98pc duty cycle)	WLAN	8.30	±9.6
	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0571	-		WLAN	1.99	±9.6
0572	AAA	TEEE 802.11b WIFI 2.4 GHz (DSSS, 2Mbps, R0pc duty cycle)			+9.6
0573	AAA	IEEE B02.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1,88	
0574	AAA	HEEE 802,11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1,98	±9.6
10875	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9,€
0576	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFOM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0577	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.8
0578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	19.6
0579	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±6.6
0580	AAA	IEEE 808,11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	土泉人
10581	AAA	IEEE 802.11g WIFI 2.4 GHz (DISSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	19.6
10582	AAA	IEEE 802,11g WFi 2.4 GHz (DSSS-DFDM, 54 Mbps, 90pc duty cycle)	· WLAN	8.67	19.6
0.583	AAG	IEEE 802,11a/h WiFi 5 OHz (OFDM, 8 Mbps, 90pc duty cycle)	WLAN	8.59	±9.0
10.584	AAG	IEEE 802,11ah WIFI 5 GHz (OFDM, 8 Mbps, 90pc duty cycle)	WLAN	8,60	±0.0
0.585	AAG	IEEE 802.11a/h WFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	+93
10586	AAC	IEEE 802,11 M/n WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±93
10.587	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	6.36	±9.6
10588	AAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.70	+9.6
10589		IEEE 802,11a/h WIFL5 GHz (OFDM, 48 Mope, 90pc duty cycle)	WLAN	8.35	19.6
10590		IEEE 802.11a/h WFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	+9.0
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MC50, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 832,11n (HT Mosed, 20 MHz, MCS1, 90pc duty cycle)	WEAN	8.79	±9.0
Indiana de Antonio	AAC	IEEE 802,111 (HT Mixed, 20 MHz, MCS2, 90pc duty dyde)	WAN	8.64	- ±8.0
10593			4445411		
10594		IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74 8.74	±8/
10595		IEEE 882,11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN		±9.
0.586	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	11100111	8.71	-
0597	AAC	IEEE 802.1 (n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.70	±8/
0388		IEEE 802,11n (HT Mixed; 20 MHz, MCS7, 90pc duty cycle)	WLAN	8,50	19.
0590		IEEE 802,11rr (HT Mixed, 40 MHz, MCSO, 90pc duty cycle)	WLAN	8.79	±9.
10900		IEEE 802,11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.8
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCB2, 90pc duty cycle)	WEAN	8.82	±9.5
10602	A STATE OF THE PARTY OF THE PAR	IEEE 802.11n (HT Missel, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	+9.5
10603	AAG	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.1
10604	AAC	IEEE 802.11n (NT Mixed, 40 MHz, MGS5, 90pc duty cycle)	WUAN	8.76	±9.7
10005	AAG	IEEE 802.11n (HT Mised, 40 MHz, MC56, 90pc duty cycle)	WLAN	8.97	±9.
10606		IEEE 802,11n (HT Mixed, 40 MHz; MCS7, 90pc duty cycle)	WLAN	8.82	+9.5
10607	Charles Sent Server	IEEE 802,11ac WilFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.1
-	AAC	IEEE 802.11ac WiFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802,11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	6.78	±9.6
10611	AAC	IEEE 802,11ac WIFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0612	AAC	IEEE 802.11ac WiFi (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
0613	AAC	IEEE 802.11ac WiFi (I/O MHz, MCS8, 90pc duty cycle)	WLAN	0.94	±9.6
0614	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	19.6
10615	AAC	IEEE 802,11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	19.6
10616	AAG	IEEE 802,11sc WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.0
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10615	AAC	IEEE 802.11ac WIFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	:9.6
0620	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10/6821	AAC	IEEE 802.11ac WiFi (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.0
0.622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.88	±9.6
0623	AAC -	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10824	AAC	IEEE 802.11sc WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10.625	AAD	IEEE 802.11ac WFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
0.626	AAG	IEEE 802.11ac WIFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	19.6
10627	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	88.8	±9.6
10628	AAC	IEEE 802,11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10829	AAC	IEEE 802,11eo WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10831	AAC	IEEE 802,11eo W/Fi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.0
10632	AAG	IEEE 802.11ec WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WIFI (B0 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	19.6
10634	AAC	IEEE 892.11no WIFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	+9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9,fi
10638	AAD	IEEE 802,11ac WIFI (168 MHz, MCS0, 90pc duty cycle)	WLAN	6.63	±9.0
10637	DAA	IEEE 802,11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8,79	±9.8
10638	AAO	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	11.06	±9,6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	0.85	±9.8
10640	AAD	IEEE 802:11so WIFI (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.8
10641	AAD	IEEE 802,11ac WiFi (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802,11ac WiFi (160 MHz, MCSB, 90pc duty cycle)	WLAN	9.06	±9.8
10643	AAD	IEEE 802,11ac WIF (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.80	£9,8
10644	AAD	IEEE 802,11sc WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	1.9.6
10645	DAA	IEEE 802.11sc WiFi (160 MHz, MCS9, 90pc duty sycle)	WLAN	9.11	±8.0
10646	AAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	L7E-T00	11.96	±9.8
10647	AAG	LTE-TDD (SC-FDMA, 1 R8, 20 MHz, QPSK, UL Subtrame=2,7)	LTE-TOD	11.98	19.6
10648	AAA	COMA2000 (1x Advanced)	CDMA2000	3.45	±9.8
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 2.1, Clipping 44%)	L7E-T00	6,91	±9.0
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TOO	7,42	19.6
10654	AAE	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-700	6.96	±9,6
10668	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TOO	7.21	+9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±0,6
10650	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	BAA	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Wayeform (200Hz, 60%)	Test	2.22	±9.11
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	6/9.8
10670	AAA	Bluetooth Low Energy	Bluetpoth	2.19	±9.6
10-671	AAC	IEEE 802,11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±8.0
10672	AAC	IEEE 802.11ex (20 MHz, MGS1, 90pc duty cycle)	WLAN	8.57	±9.8
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	19.6
0674	AAC	IEEE 802,11 bx (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
0675	AAC	IEEE 802.11ax (20 MHz, MG84, 90pc duty cycle)	WLAN	8.90	1.9.6
0676	AAC	IEEE 802.11ax (20 MHz, MGS5, 90pc duty cycle)	WLAN	8.77	19.6
0677	AAC	IEEE 802.11sx (20 MHz, MGS6, 90pc duty cycle)	WLAN	6.73	±9.6
0678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	6.9.6
10679	AAC	IEEE 802,11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10880	AAC	IEEE 802,11 tox (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ex (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 902.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802,11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.8
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCB3, 99pc duty cycle)	WLAN	8.28	±9.8

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THD	Rev	Communication System Name	Group	PAR (dB)	Unch it = 2
10687	AAC	IEEE 802.11ax (20 MHz, MOS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC-	IEEE 802.11ax (20MHz, MCSE, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802,11ax (20 MHz, MGS7, 99pc duty cycle)	WLAN	8.29	6.9.6
10691	AAG	IEEE 802,11ax (20 MHz, MCSIt, 99pc duty cycle)	WLAN	8.25	19.6
10882	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10883	AAC	IEEE 802,11ax (20 MHz, MCB10, 99pc duty cycle)	WLAN	0.25	±9.6
10894	AAC	IEEE 802.11nx (26 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	19.6
10005	AAC	IEEE 802.11ax (40 MHz, MGS0, 90pc duty cycle)	WLAN	8.78	±9,6
10888	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	H.91	±9.6
10657	AAC	IEEE 862,11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.01	±9.0
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 882.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	1.9.6
19700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	19.8
10701	AAC	IEEE 802.11ax (40 MHz, MC56, 90pc duty cycle)	WLAN	8.88	±6.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WEAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCSB, 90pc duty cycle)	WAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (46 MHz, MCS11, 90pc duty cycle)	WLAN	88,8	19.6
10707	AAG	IEEE 802,11ax (40MHz, MC50, 99pc duty cycle)	WLAN	ff.32	±9.6
10708	AAC	IEEE 802.11ax (46MHz, MCS1, 99pc duty cycle)	WLAN	0.55	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MGS2, 99pc duty cycle)	WLAN	8.33	±9.0
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802,11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±8.6
10712	AAC	IEEE 802,11sx (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.67	69.6
10713	AAC	IEEE 802.11ax (40 MHz. MCS6, 99pc duty cycle)	WLAN	B.33	10.0
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 98pc duty cycle)	WLAN	8.26	19.6
10715	AAC	IEEE 802,11ax (40 MHz, MCSB, 99pc duty cycle)	WLAN	8.45	±6.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	H.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802,11ax (40 MHz, MGS11, 99pc duty cycle)	WLAN	11.24	±8.6
10719	AAC	IEEE 802.11ax (80 MHz; MCS0, 90pc duty cycle)	WLAN	8.81	19.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	19.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.114x (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.1 tax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	19.6
10724	AAC	IEEE 802.11ax (60 MHz, MCSS, 90pc duty cycle)	WLAN	11.90	19.6
10725	AAC	IEEE 802.11ax (60 MHz. MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10728	AAG	IEEE 802,11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	19.6
10727	AAC	IEEE 802.11sx (80MHz, MC58, 90pc duty cycle)	WLAN	8.66	19.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty gyole)	WLAN	0.66	±8.6
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz. MCS11, 90pc duty cycle)	WLAN	8.67	#9.6
10731	AAG	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802,11ax (80MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	3.9.6
10705	AAC	IEEE 802,11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	+9.6
10736	AAC	IEEE 802.11nx (80 MHz. MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (60 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	19.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±8.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9; 99pc duty cycle)	WLAN	8.48	±9.€
10741	AAC	(EEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9,6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8,94	19.6
10764	AAC	IEEE 802.11as (160 MHz, MCS1, 90pc duly cycle)	WLAN	9.16	±1.6
10745	AAG	IEEE 802.11 as (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAG	IEEE 802.11 nx (160 MHz, MCS3, 90pc duty cycle)	WLAN	9,11	±0.0
10747	AAC	IEEE 802.11ex (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCSS, 80pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11sx (160 MHz, MCS?, 90pc duty cycle)	WLAN	8.79	19.9
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	0.02	19.6
10752	AAC	IEEE 802.11ax (190 MHz, MCS9, 90pc duty cycle)	WLAN	0.81	+0.6

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10753	AAC	IEEE 802.11ax (160 MHz, MC\$10, 90pc duty cycle)	WLAN	9,00	±9.6
10754	AAC	IEEE 802,11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	19.6
10755	AAC	IEEE 802,11ax (160 MHz, WCS0, 99pc duty cycle)	WLAN	B.54	±9.6
0.756	AAC	IEEE 802,11ax (160 MHz, WCS1, 99pc duty cycle)	WLAN	0.77	69.6
0757	AAC -	IEEE 802.11ax (160 MHz, MCS2, 96pc duty cycle)	WLAN	8.77	±9.0
0758	AAC	IEEE 802.11ex (168 MHz, MCS3, 99pc duty cycle)	WLAN	8.99	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.56	19.6
0780	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.49	19.6
10761	AAC.	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 98pc duty cycle)	WLAN	8.49	19.6
0783	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	£9.6
0784	AAC	IEEE 802.11sx (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	19.6
0765	AAC	IEEE 882,11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
0.768	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	19.6
0.787	AAE	56 NR (CP-OFDM, 1 RB, 5MHz, OPSK, 15kHz)	5G NR FR1 TDD	7.99	19.6
0768	AAD	9G NR (CP-OFDM, 1 RB, 10 MHz, OPSK, 15 kHz)	SS NR FR1 TDD	8.01	19.6
0769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	B.01	19.6
10770	AAD	53 NR (CP-OFDM, 1 RB, 20 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.02	±0.6
0.771	AAD	5G NR (CP-OFOM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	0.02	±9.6
0772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.23	±9.8
0773	AAD.	56 NR (CP-OFDM, 1 RB, 46 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	B.03	±9.6
D774	AAD	5G NR (CP-DFDM, 1 R8, 50 MHz, OPSK, 15 kHz)	5G NR FRI TOD	8.02	19.6
0775	AAD-	5G NR (CP-QFDM, 50% RB, 5MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.31	±9,fl
0778	CAA	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.8
0.777	AAC	50 NR (CP-DFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	B.30	19.6
0778	AAD	5G NR (CP-OFDM, 50% RB, 26 MHz, QPSK, 15 NHz)	5G NR FR1 TDD	8.34	19.6
0.779	AAC	5G NR (CP-CFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	56 NR FR1 TOD	0.42	£9.6
0780	AAD	58 NR (CP-CFDM, 50% RB, 30 MHz, QP5K, 15 kHz)	5G NR FRI TDD	8.38	±0.0
0.781	AAD	5G NR (CP-CFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	19.6
0782	AAD	50:NR (CP-OFDM, 50% RB, 50 MHz, GPSK, 15 kHz)	SG NR FR1 TOD	8.43	19.8
0783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	6G NR FR1 TDD	8.31	19.6
0784	AAD	5G NR (CP-DFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	19.6
0.785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.40	19.6
0.788	AAD	5G NR (CP-CFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	£9.8
0.787	CAA	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FRI TOD	B.44	±9.6
0788	CAA	5G NR (CP-OFDM, 100% RB, 30 MHz, GPSK, 15 KHz)	5G NR FR1 TOD	11.39	19.6
0789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.0
0790	AAD:	5G NR (CP-OFOM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NA FRI TOD	8.39	±9.8
0.791	AAE	6G NR (CP-OFDM, 1 Rtl, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7,83	19.6
0792	AAD	SB NR (CP-DFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.92	±9.6
0.793	AAD	5G NR (CP-DFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
0794	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 36kHz)	5G NR FRI TDD	7.82	±9.6
0795	AAD	98 NR (CP-OFDM, 1 RB, 25 MHz, GPSK, 30 kHz)	9G NR FR1 TDD	7.84	39.6
0.798	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, CPSK, 30 kHz)	SG NR FR1 TDD	7.82	±8.6
0797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	8.01	±0.6
0798	AAD	5G NR (CP-OFDM, 1 RB. 50 MHz, CPSK, 30 kHz)	5G NR FR1 TOD	7.89	±9.6
0798	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, GPSK, 30 kHz)	5G NR FRI TDD	7.93	±9.6
0801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, GPSK, 38 kHz)	5G NR FR1 TDD	7.89	+0.6
0802	AAD	9G NR (CP-OFDM, 1 RB. 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	29.5
0803	AAD.	5G NR (CP-OFDM, 1 RB. 100 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
0805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz; QPSK, 38 kHz)	5G NR FR1 TDD	8.34	±9.6
0805	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 700	8.37	±9.6
8080	AAD	5G NR (CP-GFDM, 50% RB, 30 MHz, GPSK, 30 MHz)	5G NR FR1 T00	8.34	±8.6
0810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	+9.6
DB12	AAD	50 NR (CP-OFDM, 60% RB, 60 MHz, CIPSK, 30 kHz)	5G NR FRI TOD	8.35	19.6
0817	AAE	5G NR (CP-GFDM, 100% RB, 5MHz, QPSK, 30 kHz)	5G NR FRI TOO	8.35	19.6
0818	AAD	5G NR (GP-OFDM, 100% RB, 10MHz, QPSK, 30MHz)	5G NR FR1 TOO	8.34	29.6
0819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 35 NHz)	5G NR FR1 TDD	8.33	10.0
0880	AAD	5G NR (CP-GFDM, 100% RB, 20MHz, QPSK, 30kHz)	50 NR FRI TOO	8.30	±9.6
0821	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	SG NR FR1 TDD	8.41	£9.6
0822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TDD	8.41	19.0
0883	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, OPSK, 30 kHz)	5G NR FRI TOO	8.36	1.9.6
	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G MR FR1 TDD	8.39	+9.6
0824			The second secon	.0500	3.0.0
-	AAD	5G NR (CP-OFDM, 100% RB, 66 MHz, CPSK, 30 kHz)	SG MR EPH TOO	8:21	400
0825 0825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 T00	8,41 8,42	19.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Uncº W = 2
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30×Hz)	SG NR FRI TDD	8,40	19.8
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, CPSK, 60 kHz)	5G NR FRI TOO	7.63	19.6
10831	CAA	50 NR (CP-OFDM, 1 RB, 15 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	7,33	±9.6
10832	AAD.	5G NR (CP-OFDM, 1 RB, 20 MHz, CPSK, 60 kHz)	SG NR FRI TDD	7,74	±9.0
10833	DAA	5G NR (CP-OFOM, 1 RB, 25 MHz, OPSK, 60 kHz)	SG NR FR1 TDD	7,70	±9.6
10834	AAD	5G NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 80 kHz)	SG NR FR1 TD0	7.75	19.6
10835	CAAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10838	AAD	5G.NR (CP-OFDM, 1 RB, S0MHz, QPSK, 60NHz)	5G NR FR1 TD0	7.66	±9.6
10837	AAD	SG NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	50 NR FR1 T00	7.88	8.9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 60MHz)	5G NR FRI TDO	7.70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, OPSR, 60 kHz)	5G NR FR1 TD0	7.67	±9.6
10841	AAD	50 NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 80 kHz)	5G NR FR1 TD0	7.71	±9.6
10843	AAD	SG NR (CP-OFDM, 50% RB, 15MHz, QPSK, 60 kHz)	50 NR FR1 TDD	8.49	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 80kHz)	SQ NR FR1 TDD	8.34	±9.6
10.846	AAD	50 NR (CP-OFDM, 50% RB, 30MHz, QPSK, 60%Hz)	5G NR FR1 TDD	8.41	19.6
10854	AAD	5G NR (CP-OFDM, 188% RB, 10MHz, QPSK, 88kHz)	5G NR FRI TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.36	8.9.6
10856	AAD	5G NR (CP-OFDM, 100% RE, 20MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.37	19.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 60kHz)	5G NR FR1 TDD	5.36	±9.8
10859	AAD	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 60kHz)	5B NR FR1 TDD	8.34	±9.6
10880	AAD	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 60KHz)	5G NR FR1 TDD	8.41	+9.6
10861	AAD	5G NR (CP-CFDM, 100%-RB, 69MHz, QPSK, 698Hz)	5G-NR FR1 TDD	8.40	±9.6
10863	GAA	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	58 NR FR1 TDD	8.41	±9.0
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	19.6
10865	AAD	5G NR (CP-OFOM, 100% RE, 100 MHz, QPSK, 60 kHz)	SG NR FR1 TOD	8,41	+9.6
10868	CAA	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.68	±9.0
10868	AAD	5G NR (DFT-s-OFBM, 100% RB, 100MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.89	19.8
10866	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, GPSK, 120kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFF-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	5.86	±9.0
10871	AAE	5G NR (DFT-6-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOO	5.75	1.9.6
10872	AAE	BG NR (DFT-s-OFDM, 100% RB, 100MHz, 18QAM, 120kHz)	SG NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (0FT-s-0FDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.0
10.874	AAE	5G NR (DFTs-DFDM, 100% RB, 100MHz, 64QAM, 120NHz)	5G NR FR2 TD0	6.86	±9.6
10875	AAE	SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	SG NR FR2 TOO	7.78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RS, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16GAM, 180 kHz)	5G NR FR2 TDD	7.95	±9.0
10.878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FRETOD	8.41	±9.6
10579	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64GAM, 120 kHz)	5G NR FR2 TOO	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TOD	8.38	±9.6
10881	AAE	5G NR (DFT-s-DFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	5.75	±9.6
10882	MAE	5G NR (DFTs: OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TOO	5.96	19.6
10883	AAE	5G NR (DFT-e-OFDM, 1 RB, 50 MHz, 18QAM, 120 kHz)	5G NR FR2 TOO	6.57	19.6
10884	AAE	5G NR (DFT-s-DFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-DFDM, 1 RB, 50 MHz, 54QAM, 120 kHz)	5G NR FR2 TDD	6.61	69.6
10888	AAE	5Q NR (DFT-e-DFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120kHz)	5G NR FR2 TOD	7.78	±9.0
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 T00	8.35	±9.6
10889	AAE	5G NR (CP-QFDM, 1 RB, 50 MHz, 15QAM, 120 kHz)	5G NR FR2 TDD	8.02	±11.6
10990	AAE	5G NR (CP-OFDM, 100% R8, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 128 kHz)	5G NR FR2 TDO	8.13	£9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, (4QAM, 120 kHz)	5G NR FR2 TOD	8.41	19.6
10897	AAC	5G NR (DFT-a-OFDM, 1 RB, 5MHz, QPSK, 30NHz)	5G NR FRI TDD	5.86	±9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.67	±9.6
10899	-	5G NR (DFTe-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TD0	5.87	19.6
10800	AAB	5G NR (DFT-s-DFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT/s-OFDM, 1 RB, 25 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
10903	AAB	5G NR (DFTs-OFDM, 1 RB, 40MHz, QPSK, 30NHz)	5G NR FR1 TDD	5.68	+9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.88	±9.6
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60MHz, QPSK, 30kHz)	5G NB FR1 TD0	5.68	19.6
10908	AAB	5G NR (DFT-e-OFDM, 1 RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	+9.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30NHz)	5G NR FR1 TDD	5.78	±9.6
10905	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	the second second	SG NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 YDD	5.96	19.6
10910		5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	50 NR FR1 T00	5.83	19.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unch k = 2
10911	AAB	SG NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 T00	5.93	±9.6
10912	BAA	5B NR (DFT-II-DFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,84	±9.6
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAB	5G NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAB	5G.NR (DFT-6-OFDM, 50% RB, 60 MHz, QPSK, 303Hz)	5G NR FR1 T00	5.93	1.9.6
1091E	BAA	5G NR (DFT+-OFDM, 50% RB, 80 MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFTs-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G MR FR1 TOD	6.94	19.6
10918	AAG	5G NR (DFT-s-OFDM, 100% AB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	19.6
10013	AAB	5G NR (DFT-s-OFDM, 100% R8, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT4-DFDM, 100% RB, 15MHz, QPBK, 30NHz)	5G NR FR1 TOD	5.87	±9.6
10921	AA8	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TOU	5.84	±9.6
10922	AAB.	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	5.82	±0.6
10853	AAB	5G NR (DFT-a-DFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.84	19.6
10924	AAB	9G NR (DFT-s-DFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TOD	5.95	±0.6
10996	AAB	SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 30HHz)	5G NR FR1 TDD	5.84	+9.6
10927	BAA	5G NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TOD	5.94	±9.6
10928	AAC	5G NR (DFTs-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	8.52	19.6
10929	AAC	5G NR (DFTs-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR PR1 FDD	5.52	±0.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFT-a-DFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	6,61	±9.6
10932	AAC	5G NR (DFT's-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.51	19.0
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QFSK, 15 kHz)	SG NR FR1 FDD	5.51	±9.8
10934	AAC	5G NR (DFT-e-OFDM, 1 RB, 40 MHz, QPSK, 15 MHz)	SG NR FRI FDD	5.51	19.6
10935	AAD	6G NR (DFT-s-OFDM, 1 RB, 50MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	19.6
10936	AAC	50 NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	SG NR FRI FDD	5.90	19.6
10937	AAC	5G NR (DFT-4-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	SQ.NR FR1 FDD	5.77	±9.6
10938	AAC.	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.90	19.6
10938	AAC	50 NR (DFF-s-OFDM, 50% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	19.6
10940	AAD	5G NR (DFT-4-OFDM, 50% RB, 35 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.89	19.6
10941	AAC	5G NR (DFTs-OFDM, 50% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	50 NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	19.6
10943	AAD	5G NR (DFT-e-OFDM, 50% RB, 50MHz, QPSK, 15KHz)	5G NR FR1 FDD	5.95	19.6
10944	AAC	SG NR (DFTs-OFDM, 100% RB, 5MHz, OPSK, 15kHz)	5G NR FR1 FDD	5.61	+8.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	
10945	AAC	5G NR (DFT-e-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	5G NR (DFTs-DFDM, 100% RB, 20 MHz; QPSK, 15 kHz)	5G NR FR1 FDD	5.87	19.6
1094B	AAC	5G NR (DFTs-OFDM, 100% RB, 35 MHz, QPSK, 15 MHz)	5G NR FR1 FDD		±9.6
10940	AAC	5G NR (DFT-e-OFDM, 100% RB, 30 MHz, GPSK, 15 kHz)	A STATE OF THE PARTY OF THE PAR	5,94	±8.6
10950	AAD	5G NR (DFT-s-DFDM, 100% RB, 48 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9,6
10951	AAD	5G NR (DFT-s-DFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	50 NR FR1 FDD		±9.6
10952	AAA	5G NR DI, (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	SQ NR FR1 FD0	5.90	±9.8
10953	AAA		5G NR FR1 FDO	8.25	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 F00	8,15	19.6
10955	AAA	5G NR DL (CP-OFOM, TM 3.1, 15MHz, 64-QAM, 15MHz)	5G NR FR1 FDD	8.22	19.5
10956	AAA	5G NR DL (CP-OFOM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.42	±9.6
10957	AAA	5G NR DL (CP-OFOM, TM 3.1, 10MHz, 64-QAM, 30 kHz)	5G NR PRI FDD	8.14	19.6
10958	AAA	5G NR DL (CP-OFOM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	SG NR PR1 F00	8.31	±9.6
10966	AAA	SG NR DL (CP-CFDM, TM 3.1, 20 MHz, 64-CAM, 30 kHz)	5G NR FR1 FDD	8.61	±0.8
0.000	AAC		SG NR FR1 FDD	H.33	19.6
10001	AAB	5G NR DL (CP-OFDM, TM 2.1, 5MHz, 84-QAM, 15 Mg)	56 NR FR1 T00	9.32	±9.6
medical plants	and the second	56 NR DL (CP-OFDM, TM 3.1, 10 MHz, 54-QAM, 15 kHz)	5G NR FR1 TDD	0.36	±9.6
10962	AAB	56 NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	8.40	±9.8
	1.500	SG NR DL (DP-GFDM, TM 3.1, 2G MHz, 84-QAM, 15 kHz)	56 NR FRI TOD	9.55	±9.6
10964 moce	AAC	SG NR DL (CP-OFDM, TM II.1, 5MHz, 84-QAM, 80 kHz)	5G NR FR1 TDD	9.29	±9.6
0965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 54-QAM, 30kHz)	5G NR FR1 TDD	9.97	19.6
0966	Comme	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9,55	±9.8
0967	AAB	5G NR DL (CP-OFDM, TM 3.1, 28 MHz, 84-QAM, 30 kHz)	SG NR FR1 TDD	9.42	19.6
0868	AAB	5G NR DL (CP-QFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9,6
0972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
0973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	9.06	19.6
10574	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 303Hz)	5G NR FRI TDD	10.28	±9.6
	AAA	ULLA BOR	ULLA	1.16	29.6
1,707,741		ULLA HDR4	ULLA	8.58	±9.6
0978	AAA	WARRANT DATON	The state of the s	0.90	
0879	AAA	ULLA HDR8	ULLA	10.32	±9.6
0679		WARRANT DATON	The state of the s		

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UID	Rev	Communication System Name	Group	PAR (dB):	UndE k = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64 QAM, 15 kHz)	5G NR FR1 TDD	0.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	3.42	19.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FRI TDD	B.54	+9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NA FRI TDD	9.50	±9.6
10887	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 54-QAM, 30 KHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	50 NR FR1 TDD	9.38	1,9,6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 54-GAM, 30 kHz)	SG NR FR1 TDD	B.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 39 kHz)	5G NR FR1 TDD	9.52	19.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15kHz)	50 NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TD0	10.73	±8.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 84-QAM, 15 kHz)	5G NR FR1 F00	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 84-QAM, 15 kHz)	5G NR FR1 F00	8.55	±9.6
11007	AAA	50 NR DL (CP-DFDM, TM 3.1, 40 MHz, 64-QAM, 16 kHz)	50 NR FR1 F00	8.46	±9.6
11005	AAA	5G NR DL (CP-DEDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	50 NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR OL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 9.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	19.5
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	50 NR FR1 FDD	8.68	±9:8
11013	AAA	IEEE 802.11be (320 MHz, MGS1, 99pc duty cycle)	WLAN	0.47	±9:0
11014	AAA	IEEE 802,11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.8
11015	AAA	IEEE 802,11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	B.44	19.6
11016	AAA	IEEE 802,11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8,44	±9.6
11017	AAA	IEEE 802,11he (320 MHz, MCS5, 99pc duty cycle)	WLAN	.8.41	1,9,0
11018	AAA	IEEE 802.11bs (326 MHz, MCSS, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802,11be (320 MHz, MCSS, 99pc duty cycle)	WLAN	8.46	1,9.6
11022	AAA	IEEE 802.11be (326 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	g9.6
11023	AAA	IEEE 802 11be (320 MHz, MC511, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.115e (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	89.6
11025	AAA	IEEE 802.11be (320 MHz, MQS13, 99pc duty cycle)	WLAN	8.37	±9.6
11028	AAA	IEEE 802,11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.0

E. Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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## Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

Accredited by the Swiss Accreditation Service (SAS)





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura

Swiss Calibration Service

Accreditation No.: SCS 0108

Client

HCT

Gyeonggi-do, Republic of Korea

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Certificate No.

ES-3076 Jul23

## **CALIBRATION CERTIFICATE**

Object

ES3DV3 - SN:3076

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-23.v6, QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

July 18, 2023

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3) ℃ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

30-Mar-23 (No. 217-03804/03805)	Mar-24
30-Mar-23 (No. 217-03804)	Mar-24
20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
30-Mar-23 (No. 217-03809)	Mar-24
16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
06-Jan-23 (Np. ES3-3013_Jan23)	Jan-24
	20-Oct-22 (OCP-DAK3.5-1249_Oct22) 20-Oct-22 (OCP-DAK12-1016_Oct22) 30-Mar-23 (No. 217-03809) 16-Mar-23 (No. DAE4-660_Mar23)

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Function Calibrated by Jeffrey Katzman Laboratory Technician Approved by Sven Kühn Technical Manager Issued: July 18, 2023

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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#### Calibration Laboratory of

Schmid & Partner Engineering AG

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- S Schweizerischer Kalibrierdienst Service sulsse d'étalonnage
- C Service suisse d etaionnage Servizio svizzero di taratura S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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#### Glossary

TSL tissue simulating liquid NORMx,y,z sensitivity in free space ConvF sensitivity in TSL / NORMx,y,z DCP diode compression point

CF crest factor (1/duty\_cycle) of the RF signal A, B, C, D modulation dependent linearization parameters

Polarization φ rotation around probe axis

Polarization θ orotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., θ = 0 is

normal to probe axis

Connector Angle Information used in DASY system to align probe sensor X to the robot coordinate system

#### Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(t)x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4,2. The uncertainty of the frequency response is included in the stated uncertainty of Conver.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of
  power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum
  calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
   No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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July 18, 2023 ES3DV3 - SN:3076

## Parameters of Probe: ES3DV3 - SN:3076

### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) <sup>2</sup> ) A	1.21	1.24	1.18	±10.1%
DCP (mV) B	106.0	105,0	104.0	±4.7%

## Calibration Results for Modulation Response

UID	Communication System Name		dB	B dBõV	С	dB	VR mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0.00	0.00	1.00	0.00	209.5	±3.0%	±4.7%
		Y	0.00	0.00	1.00		208.5		
		Z	0.00	0.00	1.00		199.2		
10352	Pulse Waveform (200Hz, 10%)	X	12.55	85.70	23.45	10.00	60.0	±1.6%	±9.6%
	M	Y	12.36	85.52	23.29		60.0		
		Z	14.22	87.77	23.67		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	94.07	24.61	6.99	80.0	±2.5%	±9.6%
		Y	20.00	94.11	24.55	3 864610	80.0	1000	E-916000
		Z	20.00	93.40	23.84		80.0		0.000
10354	Pulse Waveform (200Hz, 40%)	X	20.00	95.82	23.46	3.98	95.0	±3.7%	±9.6%
	The state of the s	Y	20.00	96.10	23.57		95.0		
		Z	20.00	94.83	22.58		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	99.55	23.57	2.22	120.0	±3.9%	±9.6%
	A 30 M	Y	20.00	100.53	24.06		120,0		
		Z	20.00	97.63	22.25		120.0		
10387	PSK Waveform, 1 MHz.	X	1,96	67.22	16.17	1.00	150.0	±2.5%	±9.6%
		Y	2.02	68.40	16.83	TOTAL I	150.0	20000000	1208020
		Z	1.76	66.00	15,20		150.0		ll.
10388	QPSK Waveform, 10 MHz	X	2.71	70.78	17.03	0.00	150.0	±1.0%	±9.6%
	THE CONTROL OF THE CO	Y	2.87	72.05	17.80		150.0		
		Z	2.37	68.73	15.94		150.0		
10396	64-QAM Waveform, 100 kHz	X	4.51	75.83	21.27	3.01	150.0	±0.6%	±9.6%
		Y	4.70	77.67	22.25		150.0		
		Z	3.75	72.58	19.73		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.67	67.81	16.18	0.00	150.0	±1.8%	±9.6%
	A THE PART OF THE PROPERTY OF THE PROPERTY OF	Y	3.74	68.30	16.53	300050	150.0	1007041580	0.5885.80
		Z	3.60	67.47	15.91		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	5.05	65.79	15.64	0.00	150.0	±3.8%	±9.6%
	THE TOWN OF STREET STREET, STREET STREET, STRE	Y	5.07	66.04	15.84		150.0	1000000000	10.000
		Z	5.02	65.86	15.63		150.0		

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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A The uncertainties of Norm X,Y,Z do not affect the E2-field uncertainty inside TSL (see Page 5).

B Uncertainty parameter uncertainty for maximum specified field strength.
E Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



ES3DV3 - SN:3076

July 18, 2023

## Parameters of Probe: ES3DV3 - SN:3076

### Sensor Model Parameters

	C1 fF	C2 fF	ν-1	T1 msV <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	T4 V-2	T5 V <sup>-1</sup>	T6
Х	69.3	493.88	35.07	29.81	3.34	5.10	0.66	0.66	1.01
у	63.3	451.09	35.12	29.79	3.18	5,10	1.05	0.51	1.01
Z	60.7	436.50	35.52	29.40	2.83	5.10	0.34	0.69	1.01

### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	145.0°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	10 mm
Tip Diameter	4 mm
Probe Tip to Sensor X Calibration Point	2 mm
Probe Tip to Sensor Y Calibration Point	2 mm
Probe Tip to Sensor Z Calibration Point	2 mm
Recommended Measurement Distance from Surface	3 mm



ES3DV3 - SN:3076

July 18, 2023

### Parameters of Probe: ES3DV3 - SN:3076

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
6	55.0	0.75	5.33	5.33	5.33	0.00	1.00	±13.3%
13	55.0	0.75	5.80	5.80	5.80	0.00	1.00	±13.3%
750	41.9	0.89	6.37	6.37	6.37	0.40	1.64	±12.0%
835	41.5	0.90	6.11	6.11	6.11	0.62	1.28	±12.0%
900	41.5	0.97	5.98	5.98	5.98	0.66	1.25	±12.0%
1450	40.5	1,20	5.53	5.53	5.53	0.34	1.71	±12.0%
1750	40.1	1,37	5.35	5.35	5.35	0.74	1.11	±12.0%
1900	40.0	1,40	5.05	5.05	5.05	0.80	1.13	±12.0%
2300	39.5	1.67	5.00	5.00	5.00	0.53	1.47	±12.0%
2450	39.2	1.80	4.81	4.81	4.81	0.73	1.31	±12.0%
2600	39.0	1.96	4.59	4.59	4.59	0.80	1.27	±12.0%

Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the CorovF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity befow 300 MHz is ±10, 25, 40, 50 and 70 MHz for CorovF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of CorovF assessed at 6 MHz is 5-19 MHz, and CorovF assessed at 13 MHz is 5-19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

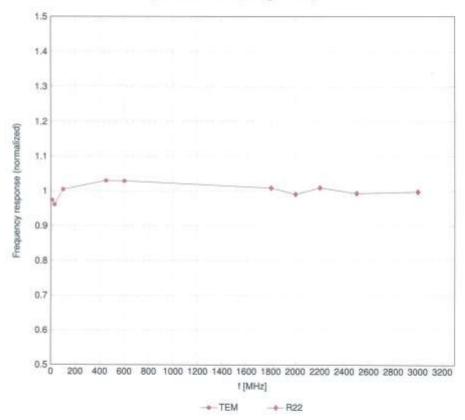
The probes are calibrated using issue simulating figuids (TSL) that deviations for an of the less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7-3 GHz and 13.1% for 3-6 GHz.

<sup>&</sup>lt;sup>©</sup> Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less. than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the



# Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide:R22)



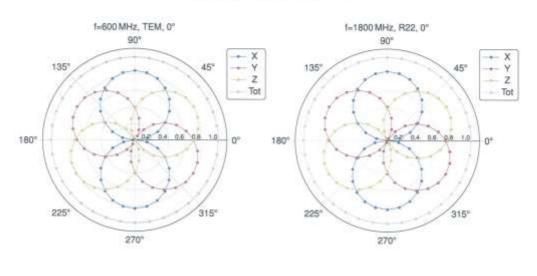
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

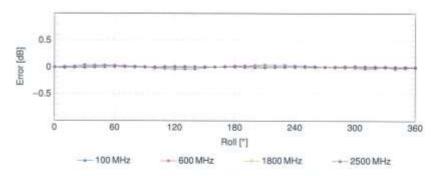
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## Receiving Pattern ( $\phi$ ), $\theta = 0^{\circ}$



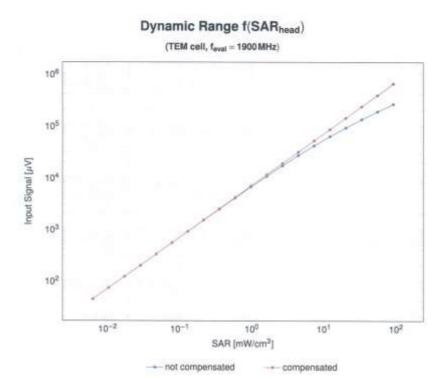


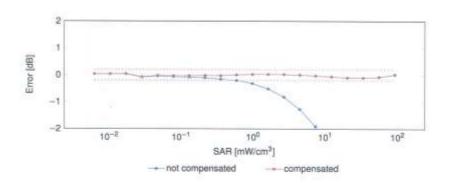
Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

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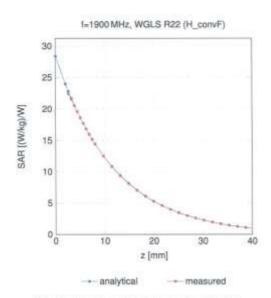
Uncertainty of Linearity Assessment: ±0.6% (k=2)

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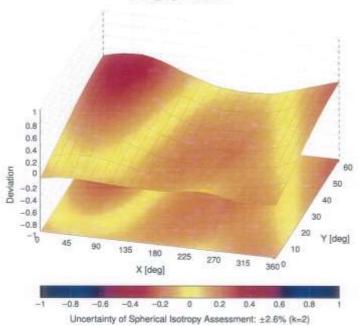


## Conversion Factor Assessment



## Deviation from Isotropy in Liquid

Error  $(\phi, \theta)$ , f = 900 MHz



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## **Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	PAR (dB)	Unc $E k = 2$
0	0.000	CW	CW	0.00	±4.7
0010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
0.011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
0012	CAB	IEEE B02.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
0013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
0021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
0.023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
0024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GBM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAG	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 832.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1,87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	19.6
10033	CAA	IEEE 802,15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH5)	Bluetooth	3.83	19.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DEGT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10:056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802 11a/h WIFI 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.0
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 38 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10.071	CAB	IEEE 802:11g WFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	19.6
10073	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	19.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN.0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	19.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	19.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FOD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6,60	±9.6
10103	CAH	LTE-TOD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 18-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 26 MHz, 64-QAM)	LTE-TOD	10,01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	19.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	5.75	19.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	±9.6

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10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
0114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
0115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8,46	±9.6
0116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	19.6
0117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
0118	CAD	IEEE 802.11n (HT Mixed, 81 Maps, 16-QAM)	WLAN	8.59	±9.6
0119	CAD	IEEE 832,11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	19.6
0140	CAF	LTE-FOD (SC-FOMA, 100% RB, 15MHz, 16-QAM)	LTE-FDD	0.49	±9.6
0142	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.53	±9.6
0143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-FDO	5.73 6.35	±9.6
0144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.68	±9.6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
0146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 18-QAM)	LTE-FDD	6.41	±9.6
0147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FOD	6.42	±9.6
0150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FOD	6.60	£9.6
0151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TOD	9.28	±9.6
0152	CAH	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOD	9.92	±9.6
0153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.05	±9.6
0154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FOD	6.43	±9.6
0156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
0157	CAH	LTE-FDO (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
0158	CAH	LTE-FOO (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	19.6
0159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
0160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
0161	CAF	LTE-FOD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	8.43	±9.6
0162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	5.58	±9.6
0166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
0167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	8.21	±9.6
0168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	19.6
0169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
0170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz; 64-QAM)	LTE-FOD	5.49	±9.6
0172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
0173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-YDD	10.25	29.6
0175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-FDD	5.72	±9.6
0176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5,73	±9.6
0178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	8.52	±9.6
0179	CAH	LTE-FOD (SC-FOMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FOD (SC-FDMA, 1 FIB, 15MHz, QPSK)	LTE-FDD	5.72	±9.6
0182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 54-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-FDD	5.73	±9.6
0185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.51	±9.6
0186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FD0	6.50	±9.6
0187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
0188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FOD	6.52	±9.6
0189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
0194	CAD	IEEE 802.11n (HT Greenfield, 38 Mbps, 16-QAM)	WLAN	8.12	#9.6
0195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
0196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
0197	CAD	LICENSE PRODUCED AND AND AND AND AND AND AND AND AND AN	WLAN	8.13	±9.6
0198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	主9.6
0219	CAD	the property of the control of the c	WLAN	8.03	±9.6
0220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
0221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
0.222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
0223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
0224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	19.6

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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
0226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.49	±9.6
0227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.26	±9.6
0558	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-TDD	9.22	±9.6
0229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-YDD	9.48	±9.6
0830	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
0231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	9.19	±9.6
0232	CAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TOD	10.25	±9.6
0234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	9.21	±9.6
0235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
0237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	±9.6
0238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	19.6
0239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
0241	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
0242	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 54-QAM)	LTE-TDD	9.86	±9.6
0243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1,4MHz, QPSK)	LTE-TDO	9.46	±9.6
0244	CAE	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
0245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	19.6
0246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	19.6
0247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDO	9.91	19.6
0248	CAH	LTE-TOD (SC-FOMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
0249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-TDD	9.29	19.5
0250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TOO	9.81	±9.6
0251	CAH	LTE-TDD (SC-FDMA, 50% R8, 10 MHz, 64-QAM)	LTE-TDO	10.17	±9.6
0252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.24	±9.6
0253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TOD	9.90	19.6
0254	CAG		LTE-TOD	10.14	±9.6
0.255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDO	9.20	19.6
0.256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.96	±9.6
0257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.08	±9.6
0258	CAC	LTE-TDD (SC-FDMA, 100% RB. 1.4 MHz, QPSK)	LTE-TOD	9.34	±9.6
0259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TOD	9.98	±9.6
0260	CAE	LTE-TDD (SC-FDMA, 100% RB. 3MHz, 64-QAM)	LTE-TOD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TOD	9.24	±9.6
0262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TOD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TOD	10.16	±9.6
0264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TOD	9.23	£9.6
0265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-TOO	9.92	±9.6
0266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
0267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDO	9.30	±9.8
0268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TOD	10.06	±9.6
0269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-TOD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TOO	9.58	10000
0274	CAC	UMTS-FDD (HSUPA, Sublest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
0275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
0277	CAA	PHS (OPSK)	PHS	11.81	19.5
0278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	19.6
0279	CAA	PHS (QPSK, BW 884 MHz, Rottoff 0.39)	PHS	12.18	-
0.290	AAB	CDMA2000, RC1, SQ55, Full Rate	CDMA2000	3.91	±9.6
0291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000		±9.6
0202	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.46	±9.6
0293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
0295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
0.297	AAE	LTE-FDD (SC-FDMA, 50%-RB, 20 MHz, QPSK)			-
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.81	19.6
0299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FD0	6.72	19.8
0300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FDD	6.39	±9.6
0301	AAA	IEEE 802.18e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	LTE-FDD	6.60	±9.6
0302	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.03	19.6
10303	AAA		WMAX	12.57	19.6
omphenitions (b)	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6
0304	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	±9.6
10305		IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6
10306	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WIMAX	14.67	±9.6

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10307	AAA	IEEE 802.16e WIMAX (29:18, 10 me, 10 MHz, QPSK, PUSC, 18 symbols)	XAMW	14.49	±9.6
10308	AAA.	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WMAX	14.46	±9.5
10309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	XAMW	14.58	±9.6
10310	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FOD	8.06	±9.6
10313	AAA	DEN 13	IDEN	10.51	±9.6
10314	AAA	IDEN 1:8	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 95pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.8
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.0
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	19.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.8
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	19.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	19.6
10406	AAB	COMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TOO	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9,6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	9.23	±9.6
10417	AAC	IEEE 802.11a/h WIF) 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.8
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802,11n (HT Greenfield, 43.3 Mbps, 18-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10428	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FOD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	BAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9,6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FOD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FOD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WIFI (160 MHz, 64-QAM, 98pc duty cycle)	WLAN	8.63	±9.6
10457	EAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10.459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10-461	AAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe+2,3,4,7,8.9)	LTE-TOD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
10.464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subhame=2,3,4,7,6,9)	LTE-TOD	7.82	±9.8
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10486	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8.9)	LTE-TOD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7.82	±9.5
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9/6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD:	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10471	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.32	±9.6

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10472	AAG	LTE-TDD (SC-FDMA, 1 R8, 10 MHz, 64-QAM, UL Subtrame=2.3.4,7.8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TDD	7.82	±9.6
0474	AAF	LTE-TDD (SC-FDMA, 1 R8, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 R8, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
0477	AAG	LTE-TDD (SC-FDMA, 1 R8, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10479	AAC	LTE-TD0 (SC-F0MA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
7	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.18	±9.6
0.481	AAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.71	±9.6
0484	AAD	LTE-7DD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
0486	AAG	LTE-TOD (SC-FDMA, 50% R8, 5 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
0.487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,38	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.60	±9.6
0.489		LTE-TD0 (SC-F0MA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.70	±9:6
0.490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.31	±9.6
Arrach and the last	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
0.491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
0492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
0.494	AAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 54-QAM, UL Subtrame=2.3,4,7,8,9)	LTE-TDD	8.55	±9.6
0495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, OPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7.74	±9.6
0.496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3.4,7,8,9)	LTE-TDD	8.37	±9.6
0497	AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.54	±9.6
0498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GFSK, 0L Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
0.499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2.3.4,7,8,9)	LTE-TDD	8.40	±9.6
0.500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDO	8.68	±9.6
0501	CAA	LTE-TDD (SC-FDMA, 100% RB, 3MHz, GFSK, DL Subframe=2,3,4,7,8,9)	LTE-TOD	7.67	±9.6
0.502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDO	8.44	±9,6
0503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subtrame=2.3.4.7.8.9)	LTE-TDD	8.52	±9.6
0504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	7.72	±9.6
0505	AAG	LTE-TDD (SC-FDMA, 100% R8, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8,31	±9.6
0506	AAG	LTE-TOD (SC-FOMA, 100% RB, 10 MHz, QPSK, UL Subtrame=2.3.4.7.8.9)	LTE-TDD	B.54	±9.6
0507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.36	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subtrame=2.3.4.7.8.9)	LTE-TDD	8.55	19.6
0510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.49	±9.6
0512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe::2,3,4,7,8,9)	LTE-TDD	8.51	19.6
0513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
0514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.42	±9.6
0515	AAA	IEEE 802 11b WIFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0516	AAA	IEEE 802 11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)		1.58	±9.6
0517	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
0518	AAC	IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)			±9.6
0519	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
0520	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
0521	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
0522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN		±9.6
0523	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 46 Mbps, 99pc duty cycle)	WLAN	8.45	19.6
0524	AAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
0525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WEAN	8.27	±9.6
0526	AAC	IEEE 802.11ac WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.36	±9.6
0527	AAC	IEEE 802.11ac WIFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.42	±9.6
0528	AAC	IEEE 802.11ac WIFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.21	19.6
0529	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pp duty cycle)	WLAN	8.36	±9.6
0531	AAC	IEEE 802.11ac WiFI (20 MHz, MCS6, 98pc duty cycle)	WLAN	8.36	19.6
0532	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 99pc duty cycle)		8.43	±9.6
0633	AAC	IEEE 802.11ac WiFi (20 MHz. MCS8, 99pc duty cycle)	WLAN WLAN	8.29	±9.6
0534	AAC	IEEE 802.11ac WIFI (40 MHz, MCS0, 99pc duty cycle)	1,000,000	8.38	29.6
0535	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 990c duty cycle)	WLAN	8.45	±9.6
0536	AAG	IEEE 802.11ac WiFI (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
0537	AAC	IEEE 802.11ac WIFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
0538	AAC	IEEE 802.11ac WIF1 (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
0540	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
		THE TOTAL COLUMN TO WILLIAM STREET THE TOTAL STREET	WLAN	8.39	±9.6

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10541	AAC	IEEE 802.11ac WIFI (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	#9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8,55	±9.6
10546	AAC	IEEE 802.11ac WIFI (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	29.6
10547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11as WIFI (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WIFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WIFI (160 MHz, MCS1, 98pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2; 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	0.52	±9.6
10558	CAA	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.5
10560	AAD	IEEE 802.11ac WIFI (150 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	19.6
10563	AAD	IEEE 802.11ac WFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802,11g WiFl 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10585	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA,	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 98pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
and the last of the last		IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1,99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1,98	±9.6
10575	AAA	IEEE 802.11p WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10577	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mops, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFt 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/n WFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAC	IEEE 802 11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	19.6
10587	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.5
10595	AAC	EEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCSS, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
0598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
0600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	19.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	19.8
10.603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	19.6
10805	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10007	AAC	IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	19.6
10608	AAC	IEEE 802.11ac WFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 2
10609	AAG	IEEE 802.11ac WiFi (20 MHz, MC52, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WIFI (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802:11ac WIFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.0
0612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0613	AAC	IEEE 802.11ac WIFI (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.8
0814	AAC	IEEE 802.11ac WiFl (20 MHz, MQS7, 90pc duty cycle)	WLAN	8.59	±9.6
0615	AAC	IEEE 802.11ac WiFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0616	AAC	IEEE 802.11ac WiFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
0617	AAD	IEEE 802.11ac WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10818	AAC	IEEE 802.11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
0619	AAC	IEEE 802.11ac WIFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
0620	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
0621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0622	AAC	IEEE 802.11ac WIFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9,6
0623	AAC	IEEE 802.11ac WIFI (40 MHz, MCS7, 90pc duty cycle)	WEAN	8.82	±9.6
0624	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	19.6
0625	AAC	IEEE 802.11ac WiFI (40 MHz, MCS9, 90pc duty cycle)	WLAN:	8.96	±9.6
0628	AAC	IEEE 802.11ac WFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0628	AAC	IEEE 802.11ac WIFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.75	±9.6
0.629	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0630	AAC	IEEE 802,11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	19.6
0631	AAC	IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
0632	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.74	±9.6
0633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
0634	AAC	IEEE 802.11ac WiFI (80 MHz, MCS8, 80pc duty cycle)	WLAN	8.80	±9.6
0635	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	6.81	±9.5
0636	AAD	IEEE 802.11ac WFI (160 MHz, MCS0, 80pc duty cycle)	WLAN	8.83	±9.6
0637	CAA	IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0638	AAD	IEEE 802.11ac WFI (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	19.6
0639	AAD	IEEE 802.11ac WFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0640	AAD	IEEE 802.11ac WIFI (180 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.5
0641	AAD	IEEE 802.11ac WFI (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.06	£9.6
0643	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 90pc duty cycle) IEEE 802.11ac WIFI (160 MHz, MCS7, 90pc duty cycle)	WLAN WLAN	9.06	±9.6
0644	AAD		27760717	8.89	±9.6
0645	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle) IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.05	±9.6
0646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.98	£9.6
0647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subtrame=2,7)	LTE-TOD	11.96	±9.6
0648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
0652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TOO	6.91	±9.6
0.653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TOO	7.42	±9.6
0854	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Cloping 44%)	LTE-TOO	6.96	±9.6
0.655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TOO	7,21	±9.6
0658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	19.6
0659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	19.6
0.680	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
3661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
0662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	19.6
0.670	AAA	Bluetooth Low Energy	Bluetooth	2.19	19.6
0871	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	19.5
0672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	19.6
0573	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
0674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	19.6
0675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
0676	AAC	IEEE 802.11ax (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	19.6
0677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
0678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	19.6
0679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	19.6
0680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	19.6
0681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
0682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
0683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	19.6
0684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	19.6
	12000	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
0685	AAC				

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10887	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.6
0689	AAC	IEEE 802 11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
0690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8,29	±9.6
0691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
0.085	AAC	IEEE 802.11ax (20 MHz, MCSB, 99pc duty cycle)	WLAN	8.29	±9.6
0693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
0694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
0665	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
0696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
0697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
0698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
9990	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
0700	AAC	IEEE 802.11ax (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.73	±9.6
0701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
0702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	19.6
0703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	6.82	±9.6
0704	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.56	±9,6
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	19.6
0706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	0.66	±9.6
0707	AAC	IEEE 802.11ax (40 MHz, MCSO, 99pc duty cycle)	WLAN	8.32	±9.6
0708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
0710	AAC	IEEE 802.11ax (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	19.6
0711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	19.6
0712	AAC	IEEE 802.11ax (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.67	±9.6
0713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	19.6
0714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
0715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
0716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	19.6
0717	AAC	IEEE 802.11ax (40 MHz, MC510, 99pc duty cycle)	WLAN	8.48	±9.6
0718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	9.24	±9.6
0719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
0720	AAC	IEEE 802.11ax (88 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
0721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
0722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
0723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
0725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0728	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	19.6
0727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
0728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
0729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.84	±9.6
0730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
0.731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
0732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
0733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
0734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
0735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
0736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
0737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
0738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
0739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
0740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	19.6
0741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
0743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
0744	AAC	IEEE 802.11ax (160 MHz. MCS1, 90pc duty cycle)	WLAN	9.16	±9.5
0745	AAC	IEEE 802.11 ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	19.6
0746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
0747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	19.6
0748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
0749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
0750	AAC	IEEE 802.11ax (160 MHz, MC57, 90pc duty cycle)	WLAN	8.79	19.6
	and distributions	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0751	AAC				

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10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCSD, 99pc duty cycle)	WLAN	8.64	±9,6
10756	AAG	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 98pc duty cycle)	WLAN	8.77	±9.8
10758	AAG	IEEE 902.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ex (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.5
	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.54	19.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15kHz)	WLAN	8.51	19.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	19.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDO	8.01	±9.6
10770	AAD	5G NR (CP-OFOM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	8.01	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	19.6
10772	AAD	5G NR (GP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.02	±9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	19.5
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	19.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 TD0	8,31	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15MHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	6G NR FR1 TDD	8.30	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25MHz, QPSK, 15MHz)	5G NR FR1 TDD	8.34	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.42	±9.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.43	±9.6
10784	AAD	5G NR (CP-DFDM, 100% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, OPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.35 8.44	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.5 ±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	19.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	19.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAD	5G NR (CP-OFOM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	19.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz)	5G NR FRI TDD	7.84	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TDD	7.82	29.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz)	50 NR FR1 TDD	7.89	±9.6
10799	AAD	5G NR (CP-OFDM, 1 R8, 60 MHz, QPSK, 30 kHz)	5G NR FRI TOD	7.93	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FRI TOD	7.87	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.5
10806	DAA	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	19.6
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK; 30 kHz)	5G NR FRI TDD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	19.8
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	£9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.95	±9.6
10818	the second	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.34	19.6
10819	AAD	5G NR (CP-OFDM, 100% R8, 15 MHz, QPSK, 30 kHz)	5G NR FRI TDD	8.33	±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.36	19.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	19.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	50 NR FR1 TDO	8.41	±9.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	19.6

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CF-OFDM, 1 RB, 15MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	6G NR FR1 TDD	7.74	±9:6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 80 kHz) 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,70	±9.6
10841	AAD	SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 50 kHz)	5G NR FR1 TDD	7.67	±9.6
10843	AAD	5G NR (CP-OFDM, 1 HB, 16 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10844	AAD	SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	The State of the S	8.49	±9.6
0846	AAD	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.41	±9.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 60 kHz)	SG NR FRI TOD	8.36	±9.6 ±9.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FRI TOD	8.37	±9.6
10857	CAA	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
0859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.34	±9.6
0880	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	CAA	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 68 kHz)	5G NR FR1 TOD	8.37	±9.6
0.865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAD	5G NR (DFT-e-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFTs-QFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10.889	AAE	5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.75	±9.6
10870	AAE	5G NR (DFT-a-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-6-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFTs-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 84QAM, 120 kHz)	5G NR FR2 TDO	6.61	±9.6
10874	AAE	5Q NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TD0	6.65	±9.6
10875	AAE	5G NR (CP-OFOM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDO	7.78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDO	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	19.6
10879	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDO	8,41	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	19.6
0881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QFSK, 120 kHz)	5G NR FR2 TD0	8.38	±9.6
0882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	5.75	±9.6
0883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 HHz)	SG NR FR2 TDD	5.96 6.57	19.6
0884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
0885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.51	±9.6
0886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	29.6
0887	AAE	5G NR (CP-OFDM, 1 R8, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
0888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	8.35	±9.6
0889	AAE	5G NR (CP-DFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
0890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	8.40	±9.6
0891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	8.13	19.6
0892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	SG NR FR2 TDD	8.41	±9.6
0.897	AAC	5G NR (DFTs-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.66	±9.6
0.098	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.67	±9.6
0899	AAB	5G NR (DFT+-OFDM, 1 RB, 15 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.67	±9.6
0900	AAB	5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.68	±9.6
0901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.68	±9.6
0902	BAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
0903	AAB	5G NR (DFT-e-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.5
0904	AAH	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
0905	AAB	5G NR (DFT-s-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.68	19.6
0906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0907	AAC	5G NR (DFT-e-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,78	±9.6
0908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
0909	BAA	5G NR (DFT 6-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.98	±9.6
0910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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10911	AAB	SG NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9/6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.84	±9.6
10913	BAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9,6
10915	AAB	5G NR (DFT-e-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	19.6
10918	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-a-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.0
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAB	53. NR (DFT-a-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	8G NR FR1 TDD	5.84	±9.6
10922	BAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5,84	±9.6
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.5
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAG	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAG	SG NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 R8; 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	29.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.51	±9.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.51	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.77	±9.6
	AAC	5G NR (DFT-6-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-6-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.83	±9.6
10942		5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	19.6
	AAC	5G NR (DFT-e-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,85	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10948	AAG	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	±9.6
10949	AAC	5G NR (DFT-e-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR (DFT-e-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.94	±9.6
10960	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	±9.6
10951	AAD	5G NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.94	±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.25	±9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64 QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	-	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	SG NR FRI FDD	8.14	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FRI FDD	8.51	±9.6
10959	AAA	5G NR DL (CP-OFDM: TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	- Indian
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	SG NR FR1 TDD	9.32	±9.6
10961	AABI	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 Hrz)	5G NR FR1 TDD	9.36	±9.6
10962	AAB	58 NR DL (CP-OFDM, TM-3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.40	100000
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FRI TOD	9.55	±9.6 ±9.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FRI TOD	9.29	±9.6
10965	de la constanti	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.42	±9.6
10968	AAB		5G NR FRI TOD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TOD	10.28	±9.6
10978	AAA	ULLA BOR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA		-
10980	AAA	ULLA HDR8	ULLA	8.58 10.32	±9.6
21122	AAA	ULLA HDRp4	ULLA	3.19	±9.6
10981			DULT	Q.13	110.0

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10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	19.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA.	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	19.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.46	±9.6
11.008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM-3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAA	IEEE 802:11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9:6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	19.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA,	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320.MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN.	8.39	±9.6

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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### Calibration Laboratory of Schmid & Partner Engineering AG





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio sytzzero di taratura

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Zeughausstrasse 43, 8004 Zurich, Switzerland

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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

ES-3076 Jul24

CALIBRATION CERTIFICATE

Object ES3DV3 - SN:3076

Calibration procedure(s)

Calibration procedure(s)

Calibration procedure for dosimetric E-field probes

Calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3) © and humidity < 70%. Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Pawer sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. DAE4-660_Feb24)	Feb-25
Reference Probe FX301/4	SN: 7349	03- kin-24 (Nn. EX3-7349 Jkin24)	Jun-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	08-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: MY41498087	08-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
RF generator HP 8648C	SN: US3642U01700	84-Aug-99 (in house check Jun-24)	In house check: Jun-26
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by	Joanna Lleshaj	Laboratory Technician	Heller
Approved by	Sven Kühn	Technical Manager	A. A. Athal

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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#### Calibration Laboratory of

Schmid & Partner Engineering AG

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  - Swiss Calibration Service

Accreditation No.: SCS 0108

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#### Glossary

TSL tissue simulating liquid NORMx,y,z sensitivity in free space ConvF sensitivity in TSL / NORMx,y,z diode compression point

CF crest factor (1/duty\_cycle) of the RF signal A, B, C, D modulation dependent linearization parameters

Polarization φ σ rotation around probe axis

Polarization θ θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., θ = 0 is

normal to probe axis

Connector Angle information used in DASY system to align probe sensor X to the robot coordinate system

## Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- . PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from +500 MHz to +100 MHz
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
   No tolerance required.
- . Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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ES3DV3 - SN:3076

July 17, 2024

## Parameters of Probe: ES3DV3 - SN:3076

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc $(k=2)$
Norm (µV/(V/m) <sup>2</sup> ) A	1.32	1.25	1.20	±10.1%
DCP (mV) B	101.9	102.1	102.1	±4.7%

## Calibration Results for Modulation Response

UID	Communication System Name		dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0.00	0.00	1.00	0.00	127.1	±1.0%	±4.7%
		Y	0.00	0.00	1.00		146.2		
		Z	0.00	0.00	1.00		128.0		
10352	Pulse Waveform (200Hz, 10%)	X	12.00	84.86	23.40	10.00	60.0	±1.6%	±9.6%
		Y	12.71	86.06	23.75		60.0		
		Z	12.89	86.43	23.51		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	94.47	25.05	6.99	80.0	±3.1%	±9.6%
	, , , , ,	Y	20.00	94.27	24.83		80.0		
		Z	20.00	94.04	24.40		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	96.06	23.77	3.98	95.0	±3.9%	±9.6%
		Y	20.00	95.83	23.56		95.0		
		Z	20.00	95.64	23.24		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	99.49	23.75	2.22	120.0	±3.9%	±9.6%
		Y	20.00	98.93	23.37	ĺ	120.0		
		Z	20.00	99.03	23.24		120.0		
10387	QPSK Waveform, 1 MHz	X	1.99	66.77	15.89	1.00	150.0	±1.7%	±9.6%
		Y	1.82	65.56	15.02	1	150.0		
		2	1.88	66.42	15.54		150.0		
10388	QPSK Waveform, 10 MHz	X	2.68	70.02	16.57	0.00	150.0	±1.1%	±9.6%
		Y	2.39	68.29	15.65	i	150.0		
		Z	2.51	69.30	16.23		150.0		
10396	64-QAM Waveform, 100 kHz	X	4.43	75.25	20.98	3.01	150.0	±0.5%	±9.6%
		Y	4.27	74.93	20.63	1	150.0		
		Z	4.40	75.59	21.06	1	150.0		
10399	64-QAM Waveform, 40 MHz	X	3.69	67.61	16.00	0.00	150.0	±1.2%	±9.6%
		Y	3.48	66.67	15.45	1	150.0		
		Z	3.57	67.18	15.78		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	5.12	65.83	15.60	0.00	150.0	±2.9%	±9.69
		Y	4.94	65.30	15.26		150.0		
		Z	4.97	65.53	15.44	1	150.0		

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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A The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Page 5).

<sup>8</sup> Linearization parameter uncertainty for maximum specified field strongth.

<sup>6</sup> Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



### Parameters of Probe: ES3DV3 - SN:3076

#### Sensor Model Parameters

	C1 fF	C2 fF	α V~1	T1 msV <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	T4 V-2	T5 V-1	T6
Х	72.9	519.68	34.93	29.88	3.58	5.10	0.70	0.63	1.01
У	66.1	470.82	34.84	29.86	3.41	5.10	1.42	0.47	1.01
Z	64.1	456.86	34.91	29.67	2.95	5.10	1.24	0.51	1.01

#### Other Probe Parameters

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Sensor Arrangement	Triangular
Connector Angle	-37.0°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	10 mm
Tip Diameter	4 mm
Probe Tip to Sensor X Calibration Point	2 mm
Probe Tip to Sensor Y Calibration Point	2 mm
Probe Tip to Sensor Z Calibration Point	2 mm
Recommended Measurement Distance from Surface	3 mm

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#### Parameters of Probe: ES3DV3 - SN:3076

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc <sup>H</sup> (k = 2)
6	55.0	0.75	4.85	5.13	5.54	0.00	2.00	±13.3%
13	55.0	0.75	5.39	5.70	6.16	0.00	2.00	±13.3%
750	41.9	0.89	5.61	6.03	6.02	0.32	2.18	±11.0%
835	41.5	0.90	5.51	5.92	5.91	0.32	2.18	±11.0%
900	41.5	0.97	5.39	5.80	5.78	0.32	2.18	±11.0%
1750	40.1	1.37	4.80	5.16	5.15	0.31	2.07	±11.0%
1900	40.0	1.40	4.69	5.04	5.03	0.31	1.82	±11.0%
2300	39.5	1.67	4.60	4.94	4.93	0.31	1.99	±11.0%
2450	39.2	1.80	4.46	4.80	4.79	0.31	1.98	±11.0%
2600	39.0	1.96	4.32	4.65	4.64	0.31	1.80	±11.0%

C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the Corn/F uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for Corn/F assessments at 30, 64, 128, 180 and 220 MHz respectively. Validity of Corn/F assessed at 6 MHz is 4–9 MHz, and Corn/F assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

F The probes are calibrated using tissue simulating liquids (TSL) that deviate for \$x\$ and \$x\$ by the target values (typically better than ±3%) and are valid for TSL, with deviations of up to ±10% if SAR correction is applied.

G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diamoter from the boundary.

boundary.

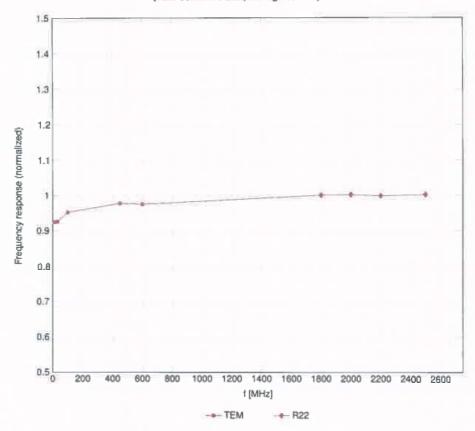
H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.





# Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide:R22)



Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

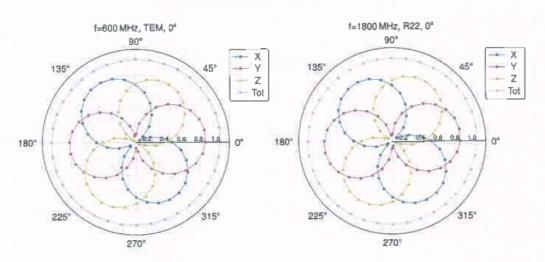
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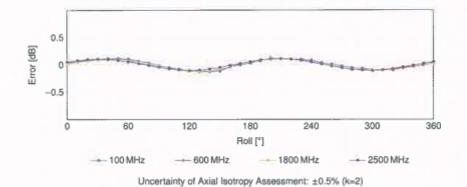
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# Receiving Pattern ( $\phi$ ), $\vartheta = 0^{\circ}$

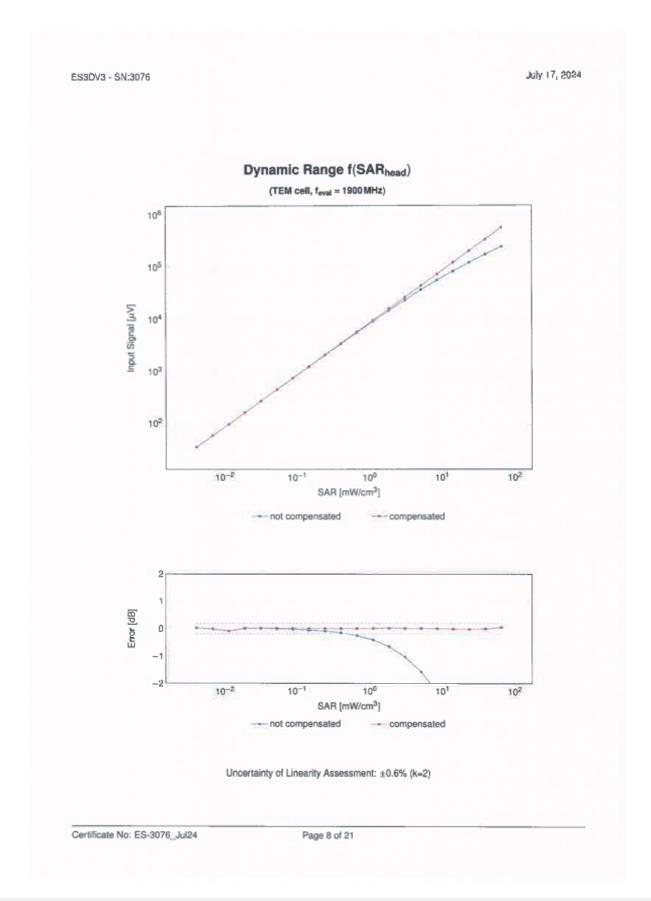




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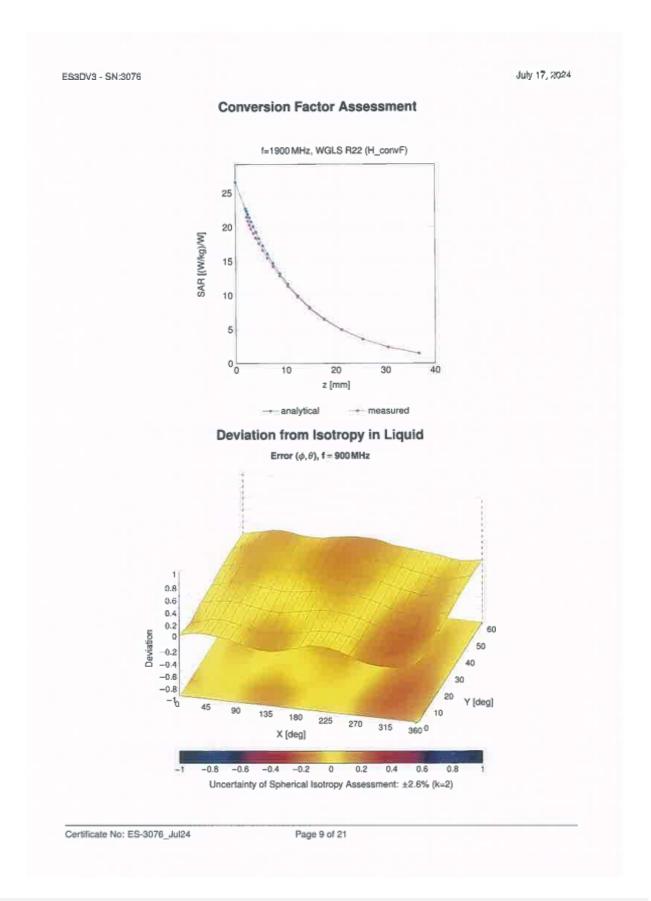
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## **Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
0		CW	CW	0.00	±4.7
0010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
0011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
0012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
0013	CAB	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
0021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
0023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
0024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
0025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
0026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
0027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
0029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
0030	CAA	1EEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
0031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
	CAA		Bluetooth	1.16	±9.6
0032		IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	7.74	19.6
0033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)			Total Column
0034	CAA	IEEE 802.15.1 Bluetooth (Pt/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
0035	CAA	IEEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
0036	CAA	IEEE 802.15.1 Bluetcoth (8-DPSK, DH1)	Bluetooth	8.01	±9/6
0037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4,77	±9.6
9038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4,10	±9/6
0039	CAB	GDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
0042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Halfrate)	AMPS	7.78	±9.6
0044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
0048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
0049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
0056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
0058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
0059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
0000	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	19.6
0081	CAB	IEEE 802.11b WIFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
0062	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
0063	CAE	IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
0064	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
0085	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
0086	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
0067	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
0088	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
0000	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
0071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	- Carleina
0072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	a Angladada Januara		±9.6
0073	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
0074	CAB		Magazinach		±9.6
0074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
		IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
0076	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
0077	CAB	IEEE 802.11g WiFt 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
0081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
0082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, Pl/4-DQPSK, Fulkate)	AMPS	4.77	±9.6
0090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
0097	CAC	UMTS-FOD (HSDPA)	WCDMA	3.98	±9.6
0098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
1099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
1100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
1101	CVE	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	6.42	±9.6
1102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6.60	±9.6
103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOD	9.29	±9.6
0104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9/6
0105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
0108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
0109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FD0	6,43	±9.6
0110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	5.75	±9.6
		THE PARTY OF THE P	LIE-FUU.		23.0

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