



May 23, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	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, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	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, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	-	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277		PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	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	AAB	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	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	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	11.86	±9.6
10305		IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	±9.6
	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)	$Unc^E k = 2$
10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	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)	WiMAX	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, 15 MHz, 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 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	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	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
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	±9.6
10400	AAF	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6 ±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN CDMA2000	3.76	±9.6
10403	AAB	CDMA2000 (1×EV-DO, Rev. 0)	CDMA2000 CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	5.22	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	LTE-TDD	7.82	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	Generic	8.54	+9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (EFF-OrDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, 201g produbule)	WLAN	8.19	±9.6
10419	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OPDM, 6 Milps, 55pc daty cycle, chort produce)	WLAN	8.32	±9.6
	AAD	IEEE 802.11n (HT Greenlield, 7.2 Mops, B-SN) IEEE 802.11n (HT Greenlield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10425		IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10428	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10427	-	LTE-FDD (OFDMA, 5 MHz. E-TM 3.1)	LTE-FDD	8.28	±9.6
10430	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432		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, 64 DPCH)	WCDMA	8.60	±9.6
10435		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447		LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	-	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	-	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450		LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451		W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	-	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	-	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±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
10459	_	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	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-TDD	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-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	5 AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	7 AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
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-TDD	8.56	±9.6
10470	AAG		LTE-TDD	7.82	±9.6
1047	1 AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6

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### EF3DV3 - SN:4060

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	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, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
0475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
0477	AAG		LTE-TDD		
0478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)		8.57	±9.6
0479	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-TDD (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-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	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, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	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
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	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-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
		LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10493	AAF		LTE-TDD	7.74	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)		8.54	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD		-
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-TDD	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-TDD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	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	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	8.36	±9.6
	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7,99	±9.6
10509		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10510	AAF		LTE-TDD	8.51	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10512		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2.3.4.7.8.9)		8.42	±9.6
10513		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD		
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 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	-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	_	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		IEEE 802,11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10522	-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10523	-	IEEE 802,11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10524		IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
	_	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10526			WLAN	8.21	±9.6
10527	_		WLAN	8.36	±9.6
10528				8.36	±9.6
10529	_		WLAN		
10531	-	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAD		WLAN	8.29	±9.6
10533	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535			WLAN	8.45	±9.6
10536			WLAN	8.32	±9.6
10537			WLAN	8.44	±9.6
10538	_		WLAN	8.54	±9.6
	1 nnu	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

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10542         A.           10542         A.           10543         A.           10544         A.           10545         A.           10546         A.           10547         A.           10548         A.           10557         A.           10553         A.           10555         A.           10556         A.           10557         A.           10556         A.           10557         A.           10558         A.           10558         A.           10559         A.           10556         A.           10557         A.           10558         A.           10559         A.           10550         A.           10561         A.           10562         A.           10563         A.           10564         A.           10565         A.           10566         A.           10567         A.           10567         A.           10568         A.           10568         A. <th>AAD AAD AAD AAD AAD AAD AAD AAD AAD AAD</th> <th>IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac</th> <th>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</th> <th>8.46 8.65 8.65 8.47 8.55 8.35 8.49 8.38 8.37 8.38 8.50 8.42 8.45 8.48 8.45 8.48 8.47 8.50 8.52 8.61 8.73 8.56 8.69</th> <th><math display="block">\begin{array}{c} \pm 9.6 \\ \pm 9.6 \\</math></th>	AAD AAD AAD AAD AAD AAD AAD AAD AAD AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.46 8.65 8.65 8.47 8.55 8.35 8.49 8.38 8.37 8.38 8.50 8.42 8.45 8.48 8.45 8.48 8.47 8.50 8.52 8.61 8.73 8.56 8.69	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \\$
10543         A.           10543         A.           10544         A.           10545         A.           10546         A.           10547         A.           10548         A.           10554         A.           10555         A.           10555         A.           10555         A.           10555         A.           10555         A.           10556         A.           10557         A.           10558         A.           10559         A.           10559         A.           10556         A.           10557         A.           10558         A.           10559         A.           10560         A.           10562         A.           10563         A.           10565         A.           10566         A.           10567         A.           10567         A.           10567         A.           10567         A.           10567         A.           10566         A. <td>MAD           MAD           MAE           MAE</td> <td>IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.11</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8.65 8.47 8.55 8.35 8.49 8.37 8.38 8.50 8.42 8.45 8.48 8.47 8.50 8.52 8.61 8.73 8.56</td> <td><math display="block">\begin{array}{c} \pm 9.6 \\ \pm 9.6 \\</math></td>	MAD           MAE           MAE	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.11	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.65 8.47 8.55 8.35 8.49 8.37 8.38 8.50 8.42 8.45 8.48 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \\$
10544         A.           10544         A.           10545         A.           10546         A.           10547         A.           10547         A.           10550         A.           10551         A.           10552         A.           10553         A.           10555         A.           10555         A.           10555         A.           10556         A.           10557         A.           10558         A.           10559         A.           10559         A.           10559         A.           10559         A.           10559         A.           10550         A.           10551         A.           10562         A.           10563         A.           10564         A.           10567         A.           10567         A.           10568         A.           10567         A.           10567         A.           10567         A.           10568         A. <td>MAD           MAD           MAE           MAE</td> <td>IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8.47 8.55 8.35 8.49 8.37 8.38 8.50 8.42 8.45 8.45 8.445 8.445 8.447 8.50 8.52 8.61 8.73 8.56</td> <td><math display="block">\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}</math></td>	MAD           MAE	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS5, 99pc duty cycle)           IEEE 802.	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.47 8.55 8.35 8.49 8.37 8.38 8.50 8.42 8.45 8.45 8.445 8.445 8.447 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10545         A.           10546         A.           10547         A.           10548         A.           10550         A.           10551         A.           10552         A.           10553         A.           10554         A.           10555         A.           10555         A.           10555         A.           10555         A.           10556         A.           10557         A.           10558         A.           10560         A.           10561         A.           10562         A.           10563         A.           10564         A.           10565         A.           10566         A.           10568         A.           10568         A.           10567         A.           10568         A.           10567         A.           10568         A.           10567         A.           10567         A.           10567         A.           10568         A. <td>AAAD           AAAD           AAAE           AAA           AAA</td> <td>IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 80</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8.55 8.35 8.49 8.37 8.38 8.50 8.42 8.45 8.45 8.45 8.47 8.50 8.52 8.61 8.73 8.56</td> <td><math display="block">\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}</math></td>	AAAD           AAAE           AAA           AAA	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 80	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.55 8.35 8.49 8.37 8.38 8.50 8.42 8.45 8.45 8.45 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10546         A           10547         A           10547         A           10548         A           10550         A           10551         A           10552         A           10553         A           10555         A           10555         A           10556         A           10557         A           10558         A           10558         A           10558         A           10560         A           10563         A           10564         A           10565         A           10566         A           10566         A           10566         A           10566         A           10566         A           10567         A           10568         A           10568         A           10568         A           10568         A	AD           AAE           AAA           AAA           AAA	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 80	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.35 8.49 8.37 8.38 8.50 8.42 8.45 8.45 8.45 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10547         A           10548         A           10550         A           10551         A           10553         A           10554         A           10555         A           10555         A           10555         A           10556         A           10557         A           10558         A           10558         A           10558         A           10561         A           10562         A           10563         A           10564         A           10565         A           10566         A           10566         A           10566         A           10567         A           10568         A           10568         A           10567         A           10567         A           10567         A           10568         A	AD           AAD           AAE           AAA           AAA           AAA	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.49 8.37 8.38 8.50 8.42 8.45 8.45 8.45 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10548         A           10550         A           10551         A           10552         A           10553         A           10554         A           10555         A           10555         A           10555         A           10556         A           10557         A           10558         A           10559         A           10556         A           10557         A           10558         A           10560         A           10562         A           10563         A           10564         A           10565         A           10566         A           10567         A           10568         A           10567	AAD           AAE           AAA           AAA	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.37 8.38 8.50 8.42 8.45 8.48 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10550         A           10551         A           10552         A           10553         A           10554         A           10555         A           10555         A           10555         A           10555         A           10556         A           10557         A           10558         A           10560         A           10561         A           10562         A           10563         A           10564         A           10565         A           10566         A           10566         A           10567         A           10568         A           10568         A           10567         A           10567         A           10568         A           10567         A           10568	AAD           AAE           AAA           AAA	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.38 8.50 8.42 8.45 8.48 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10551         A           10552         A           10553         A           10554         A           10555         A           10556         A           10557         A           10558         A           10556         A           10557         A           10558         A           10561         A           10562         A           10563         A           10564         A           10565         A           10566         A           10566         A           10566         A           10568         A           10568         A           10568         A           10567         A           10568         A           10568         A           10567         A           10568         A	AAD           AAD           AAD           AAD           AAD           AAE           AAA           AAA	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.50 8.42 8.45 8.48 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10552         A           10553         A           10554         A           10555         A           10555         A           10556         A           10557         A           10558         A           10558         A           10561         A           10562         A           10563         A           10564         A           10565         A           10565         A           10565         A           10566         A           10568         A           10568         A           10568         A           10568         A	AAD           AAD           AAE           AAA           AAA	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.42 8.45 8.48 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10553         A           10554         A           10555         A           10555         A           10557         A           10558         A           10558         A           10557         A           10558         A           10561         A           10562         A           10563         A           10564         A           10565         A           10566         A           10567         A           10568         A           10567         A           10568         A           10567         A           10568         A	AAD           AAE           AAA           AAA	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.48 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10554         A           10555         A           10555         A           10557         A           10558         A           10557         A           10558         A           10561         A           10562         A           10563         A           10564         A           10565         A           10566         A           10566         A           10566         A           10567         A           10568         A           10568         A	AAE           AAA           AAA           AAA	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.48 8.47 8.50 8.52 8.61 8.73 8.56	$\begin{array}{c} \pm 9.6 \\ \pm 9.6 \end{array}$
10555         A           10556         A           10557         A           10557         A           10558         A           10560         A           10561         A           10562         A           10563         A           10565         A           10565         A           10566         A           10566         A           10567         A           10568         A	AAE           AAA           AAA           AAA	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.47 8.50 8.52 8.61 8.73 8.56	$\pm 9.6$ $\pm 9.6$ $\pm 9.6$ $\pm 9.6$ $\pm 9.6$ $\pm 9.6$
10556         A           10557         A           10558         A           10560         A           10561         A           10562         A           10563         A           10564         A           10565         A           10566         A           10566         A           10566         A           10567         A           10568         A	AAE           AAA           AAA           AAA	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN	8.50 8.52 8.61 8.73 8.56	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10557         A           10558         A           10560         A           10561         A           10562         A           10563         A           10564         A           10565         A           10566         A           10567         A           10568         A	AAE AAE AAE AAE AAE AAE AAA AAA AAA	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN	8.52 8.61 8.73 8.56	±9.6 ±9.6 ±9.6 ±9.6
10558         A           10560         A           10561         A           10562         A           10563         A           10564         A           10565         A           10566         A           10566         A           10567         A           10568         A	AAE AAE AAE AAE AAE AAA AAA AAA	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)           IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN WLAN WLAN WLAN	8.61 8.73 8.56	±9.6 ±9.6 ±9.6
10560 A 10561 A 10562 A 10563 A 10564 A 10565 A 10566 A 10567 A 10568 A	AAE AAE AAE AAE AAA AAA AAA	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN WLAN WLAN	8.73 8.56	±9.6 ±9.6
10561         A           10562         A           10563         A           10564         A           10565         A           10566         A           10567         A           10568         A	AAE AAE AAE AAA AAA AAA	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN WLAN	8.56	±9.6
10562         A           10563         A           10564         A           10565         A           10566         A           10566         A           10567         A           10568         A	AAE AAE AAA AAA AAA	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN		
10563         A           10564         A           10565         A           10566         A           10567         A           10568         A	AAE AAA AAA AAA	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)		8.69	
10564 A 10565 A 10566 A 10567 A 10568 A	AAA AAA AAA		WLAN	0.000	±9.6
10565 A 10566 A 10567 A 10568 A	AAA AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)		8.77	±9.6
10566 A 10567 A 10568 A	AAA		WLAN	8.25	±9.6
10567 A 10568 A		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10568 A	000	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10569 A	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10000 / /	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570 A	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571 A	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572 A	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573 A	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574 A	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575 A	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576 A	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577 A	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
	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN		±9.6
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN		±9.6
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN		
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6 ±9.6
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	
	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN		±9.6 ±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN WLAN	8.64	±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)			±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN WLAN	8.50	±9.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.88	±9.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)		8.88	±9.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	9.03	±9.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN		-
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN WLAN	8.64	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
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
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAD	IEEE 802,11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAE	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	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 WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671		IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC		WLAN	8.77	±9.6
10677		IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (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	±9.6
10685	5 AAC		WLAN	8.33	±9.6
		IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN		

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802,11ax (20 MHz, MCS5, 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
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, MCS0, 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	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	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, 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
10708	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	±9.6
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, MCS5, 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	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.55	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.70	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.74	±9.6
10725		IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10726		IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.66	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.65	±9.6
10728		IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.64	±9.6
10729		IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.67	±9.6
10730	_	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.42	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.46	±9.6
10732		IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
	-	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.25	±9.6
10734	-	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10735 10736	_	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.27	±9.6
10736		IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.36	±9.6
10737	_	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10738	-	IEEE 802.11ax (80 MHz, MCS7, sept duty cycle)	WLAN	8.29	±9.6
10739	_	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10740		IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10741	_	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.43	±9.6
10742		IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10743		IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10744		IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.93	±9.6
10745		IEEE 802.11ax (160 MHz, MCS2, sope duty cycle)	WLAN	9.11	±9.6
10740		IEEE 802.11ax (160 MHz, MCS3, sope duy cycle)	WLAN	9.04	±9.6
10748	_	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10748	_	IEEE 802.11ax (160 MHz, MCSS, sope duty cycle)	WLAN	8.90	±9.6
10749	_	IEEE 802.11ax (160 MHz, MCS6, sope duty cycle)	WLAN	8.79	±9.6
10750		IEEE 802.11ax (160 MHz, MCS7, sope duty cycle)	WLAN	8.82	±9.6
10/31	AAC AAC		WLAN	8.81	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
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, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802,11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 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)	WLAN	8.54	±9.6
10765	AAC	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	8.51	±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAF	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6 ±9.6
10792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10795	-	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.89	±9.6
10798		5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799		5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NB (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAF		5G NR FR1 TDD	7.83	±9.6
	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10803		5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10805	-	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz) 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10806		5G NR (CP-OFDM, 50% RB, 15 MRz, QPSK, 30 KHz)	5G NR FR1 TDD	8.34	±9.6
10809		5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	-	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDD		±9.6
10812		5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	-	±9.6
10817		5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819	-	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30KHz)	5G NR FR1 TDD		±9.6
10819		5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)	5G NR FR1 TDD		+9.6
10820		5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	-	±9.6
10822		5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10822		5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10824	-	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10824	-	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)	5G NR FR1 TDD		±9.6
10825	-	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	- Andrew - A	±9.6
10061	- Anti-	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6

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10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G 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	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
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
	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10841	AAP	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10843		5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.34	±9.6
10854	AAE	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10856	AAE		5G NR FR1 TDD	8.35	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	5.68	±9.6
10866	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)		5.89	±9.6
10868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	
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 TDD	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-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	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 TDD	7.78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-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, 50 MHz, QPSK, 120 kHz)	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, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 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, 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		±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
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, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	_	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	-	±9.6
10901			5G NR FR1 TDD	-	±9.6
10902		5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	_	±9.6
10903			5G NR FR1 TDD	5.68	±9.6
10904			5G NR FR1 TDD		±9.6
10905	_		5G NR FR1 TDD	5.68	±9.6
10906			5G NR FR1 TDD	5.68	±9.6
10907	-		5G NR FR1 TDD	5.78	±9.6
10908			5G NR FR1 TDD	5.93	±9.6
10909	-		5G NR FR1 TDD	5.96	±9.6
	AAC		5G NR FR1 TDD	5.83	±9.6

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0911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
0912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0913	AAD	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-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAE	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	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	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAD	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	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G 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)	5G NR FR1 FDD	5.51	±9.6
10936	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G 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-s-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, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G 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	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAD	5G NR (DFT-s-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
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10953		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, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
10955	-	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956	-	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
10957	-	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10959	-	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960		5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	-	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963		5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	-	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965		5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	_	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	-	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968		5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	
10972		5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973		5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	-	±9.6
10974		5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978		ULLA BDR	ULLA		
10979	-	ULLA HDR4	ULLA	8.58	±9.6
10980		ULLA HDR8	ULLA	10.32	±9.6
10981	AAA	ULLA HDRp4	IIIIA	3.19	+9.6

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10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10983	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10984	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10985	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10986	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10987	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10988	AAD	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64 QAM, 15 KHz)	5G NR FR1 FDD	8.46	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11008	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, 20 MHz, 64-QAM, 30 KHz)	5G NR FR1 FDD	8.95	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	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
11012	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 35pc duty cycle)	WLAN	8.45	±9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11015	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
11020	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 55pc duty cycle)	WLAN	8.37	±9.6
11025		IEEE 802.11be (320 MHz, MCS13, 39pc duty cycle)	WLAN	8.39	±9.6

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

Certificate No: EF-4060\_May24

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## ANNEX E DIPOLE CALIBRATION CERTIFICATE

## Dipole 835 MHz

	, Switzerland	"Adatabala" min.ch 50	Swiss Calibration Service
Accredited by the Swiss Accreditation The Swiss Accreditation Service Multilateral Agreement for the rec	is one of the signatorie		Accreditation No.: SCS 0108
Client CTTL Beijing			CD835V3-1023_Aug24
CALIBRATION C	ERTIFICATE		
Dbject	CD835V3 - SN: 1	023	
Calibration procedure(s)	QA CAL-20.v7 Calibration Proce	dure for Validation Sources in air	
	August 16, 2024		
Calibration date:	August 16, 2024		
ne measurements and the uncerta	ainties with confidence p	robability are given on the following pages and	are part of the certificate.
Calibration Equipment used (M&TE	critical for calibration)	y facility: environment temperature (22 $\pm$ 3)°C	
Calibration Equipment used (M&TE Primary Standards	critical for calibration)	Cal Date (Certificate No.)	Scheduled Calibration
Calibration Equipment used (M&TE Primary Standards Power meter NRP2	Critical for calibration)	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037)	Scheduled Calibration Mar-25
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91	Critical for calibration) ID # SN: 104778 SN: 103244	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037) 26-Mar-24 (No. 217-04036)	Scheduled Calibration
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91	Critical for calibration)	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037)	Scheduled Calibration Mar-25 Mar-25
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator	Critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037) 26-Mar-24 (No. 217-04036) 26-Mar-24 (No. 217-04037)	Scheduled Calibration Mar-25 Mar-25 Mar-25
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k)	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037) 26-Mar-24 (No. 217-04036) 26-Mar-24 (No. 217-04037) 26-Mar-24 (No. 217-04046)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037) 26-Mar-24 (No. 217-04036) 26-Mar-24 (No. 217-04037) 26-Mar-24 (No. 217-04046) 26-Mar-24 (No. 217-04047)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Mar-25
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3 DAE4	Critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 4013 SN: 781	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037) 26-Mar-24 (No. 217-04036) 26-Mar-24 (No. 217-04037) 26-Mar-24 (No. 217-04046) 26-Mar-24 (No. 217-04047) 28-Dec-23 (No. EF3-4013_Dec23) 16-Feb-24 (No. DAE4-781_Feb24)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3 DAE4 Secondary Standards	Critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 4013 SN: 781 ID #	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037) 26-Mar-24 (No. 217-04036) 26-Mar-24 (No. 217-04037) 26-Mar-24 (No. 217-04046) 26-Mar-24 (No. 217-04047) 28-Dec-23 (No. EF3-4013_Dec23) 16-Feb-24 (No. DAE4-781_Feb24) Check Date (in house)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25 Scheduled Check
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3 DAE4 Secondary Standards Power meter Agilent 4419B	Critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 4013 SN: 781	Cal Date (Certificate No.)           26-Mar-24 (No. 217-04036/04037)           26-Mar-24 (No. 217-04036)           26-Mar-24 (No. 217-04037)           26-Mar-24 (No. 217-04047)           26-Mar-24 (No. 217-04047)           28-Dec-23 (No. EF3-4013_Dec23)           16-Feb-24 (No. DAE4-781_Feb24)           Check Date (in house)           09-Oct-09 (in house check Nov-23)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3 DAE4 Secondary Standards Power meter Agilent 4419B Power sensor HP E4412A	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 4013 SN: 781 ID # ID # SN: GB42420191	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037) 26-Mar-24 (No. 217-04036) 26-Mar-24 (No. 217-04037) 26-Mar-24 (No. 217-04046) 26-Mar-24 (No. 217-04047) 28-Dec-23 (No. EF3-4013_Dec23) 16-Feb-24 (No. DAE4-781_Feb24) Check Date (in house)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25 Scheduled Check In house check: Nov-24
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Fype-N mismatch combination Probe EF3DV3 DAE4 Secondary Standards Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 8H9394 (20k) SN: 310962 / 06327 SN: 4013 SN: 781 ID # ID # SN: GB42420191 SN: US38485102	Cal Date (Certificate No.)           26-Mar-24 (No. 217-04036/04037)           26-Mar-24 (No. 217-04036)           26-Mar-24 (No. 217-04037)           26-Mar-24 (No. 217-04037)           26-Mar-24 (No. 217-04046)           26-Mar-24 (No. 217-04047)           28-Dec-23 (No. EF3-4013_Dec23)           16-Feb-24 (No. DAE4-781_Feb24)           Check Date (in house)           09-Oct-09 (in house check Nov-23)           05-Jan-10 (in house check Nov-23)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25 Scheduled Check In house check: Nov-24 In house check: Nov-24
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3 DAE4 Secondary Standards Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: 310982 / 06327 SN: 4013 SN: 781 ID # SN: GB42420191 SN: US38485102 SN: US37295597	Cal Date (Certificate No.)           26-Mar-24 (No. 217-04036/04037)           26-Mar-24 (No. 217-04036)           26-Mar-24 (No. 217-04037)           26-Mar-24 (No. 217-04047)           26-Mar-24 (No. 217-04047)           28-Dec-23 (No. EF3-4013_Dec23)           16-Feb-24 (No. DAE4-781_Feb24)           Check Date (in house)           09-Oct-09 (in house check Nov-23)           05-Jan-10 (in house check Nov-23)           09-Oct-09 (in house check Nov-23)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25 Scheduled Check In house check: Nov-24 In house check: Nov-24 In house check: Nov-24
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3 DAE4 Secondary Standards Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06	ID #           SN: 104778           SN: 103244           SN: 103245           SN: 1038245           SN: 310982 / 06327           SN: 4013           SN: 781           ID #           SN: GB42420191           SN: US38485102           SN: US37295597           SN: 837633/005	Cal Date (Certificate No.)           26-Mar-24 (No. 217-04036/04037)           26-Mar-24 (No. 217-04036)           26-Mar-24 (No. 217-04037)           26-Mar-24 (No. 217-0404037)           26-Mar-24 (No. 217-04047)           28-Dec-23 (No. EF3-4013_Dec23)           16-Feb-24 (No. DAE4-781_Feb24)           Check Date (in house)           09-Oct-09 (in house check Nov-23)           05-Jan-10 (in house check Nov-23)           10-Jan-19 (in house check Nov-23)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25 Scheduled Check In house check: Nov-24 In house check: Nov-24 In house check: Nov-24 In house check: Nov-24
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3 DAE4 Secondary Standards Power sensor HP E4412A Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	ID #           SN: 104778           SN: 103244           SN: 103245           SN: BH9394 (20k)           SN: 310982 / 06327           SN: 781           ID #           SN: GB42420191           SN: US38485102           SN: US37295597           SN: US41080477	Cal Date (Certificate No.)           26-Mar-24 (No. 217-04036/04037)           26-Mar-24 (No. 217-04036)           26-Mar-24 (No. 217-04037)           26-Mar-24 (No. 217-04046)           26-Mar-24 (No. 217-04047)           28-Dec-23 (No. EF3-4013_Dec23)           16-Feb-24 (No. DAE4-781_Feb24)           Check Date (in house)           09-Oct-09 (in house check Nov-23)           05-Jan-10 (in house check Nov-23)           09-Oct-09 (in house check Nov-23)           10-Jan-19 (in house check Nov-23)           31-Mar-14 (in house check Not-22)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25 Scheduled Check In house check: Nov-24 In house check: Nov-24 Signature
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3 DAE4 Secondary Standards Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	ID #           SN: 104778           SN: 103244           SN: 103245           SN: 103245           SN: 103245           SN: 8H9394 (20k)           SN: 310982 / 06327           SN: 781           ID #           SN: 6B42420191           SN: US38485102           SN: US37295597           SN: 837633/005           SN: US41080477           Name	Cal Date (Certificate No.)           26-Mar-24 (No. 217-04036/04037)           26-Mar-24 (No. 217-04036)           26-Mar-24 (No. 217-04037)           26-Mar-24 (No. 217-04046)           26-Mar-24 (No. 217-04047)           28-Dec-23 (No. EF3-4013_Dec23)           16-Feb-24 (No. DAE4-781_Feb24)           Check Date (in house)           09-Oct-09 (in house check Nov-23)           05-Jan-10 (in house check Nov-23)           09-Oct-09 (in house check Nov-23)           10-Jan-19 (in house check Nov-23)           31-Mar-14 (in house check Oct-22)	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25 Scheduled Check In house check: Nov-24 In house check: Nov-24
Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Probe EF3DV3 DAE4 Secondary Standards Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by: Approved by:	ID #           SN: 104778           SN: 103244           SN: 103245           SN: 8H9394 (20k)           SN: 4013           SN: 781           ID #           SN: GB42420191           SN: US38485102           SN: 837633/005           SN: US37295597           SN: 837633/005           SN: US41080477           Name           Leif Klysner           Sven Kühn	Cal Date (Certificate No.)           26-Mar-24 (No. 217-04036/04037)           26-Mar-24 (No. 217-04036)           26-Mar-24 (No. 217-04037)           26-Mar-24 (No. 217-040407)           28-Dec-23 (No. EF3-4013_Dec23)           16-Feb-24 (No. DAE4-781_Feb24)           Check Date (in house)           09-Oct-09 (in house check Nov-23)           05-Jan-10 (in house check Nov-23)           09-Oct-09 (in house check Nov-23)           10-Jan-19 (in house check Nov-23)           31-Mar-14 (in house check Oct-22)           Function           Laboratory Technician	Scheduled Calibration Mar-25 Mar-25 Mar-25 Mar-25 Dec-24 Feb-25 Scheduled Check In house check: Nov-24 In house ch





### **Calibration Laboratory of** Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland



Schweizerischer Kalibrierdienst S С S

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 Service suisse d'étalonnage Servizio svizzero di taratura Swiss Calibration Service

Accreditation No.: SCS 0108

### References

ANSI-C63 19-2019 (ANSI-C63 19-2011) [1] American National Standard, Methods of Measurement of Compatibility between Wireless Communications **Devices and Hearing Aids** 

### Methods Applied and Interpretation of Parameters:

- Coordinate System: y-axis is in the direction of the dipole arms. z-axis is from the basis of the antenna (mounted on the table) towards its feed point between the two dipole arms. x-axis is normal to the other axes. In coincidence with the standards [1], the measurement planes (probe sensor center) are selected to be at a distance of 15 mm above the top metal edge of the dipole arms.
- Measurement Conditions: Further details are available from the hardcopies at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated. The forward power to the dipole connector is set with a calibrated power meter connected and monitored with an auxiliary power meter connected to a directional coupler. While the dipole under test is connected, the forward power is adjusted to the same level.
- Antenna Positioning: The dipole is mounted on a HAC Test Arch phantom using the matching dipole positioner with the arms horizontal and the feeding cable coming from the floor. The measurements are performed in a shielded room with absorbers around the setup to reduce the reflections. It is verified before the mounting of the dipole under the Test Arch phantom, that its arms are perfectly in a line. It is installed on the HAC dipole positioner with its arms parallel below the dielectric reference wire and able to move elastically in vertical direction without changing its relative position to the top center of the Test Arch phantom. The vertical distance to the probe is adjusted after dipole mounting with a DASY5 Surface Check job. Before the measurement, the distance between phantom surface and probe tip is verified. The proper measurement distance is selected by choosing the matching section of the HAC Test Arch phantom with the proper device reference point (upper surface of the dipole) and the matching grid reference point (tip of the probe) considering the probe sensor offset. The vertical distance to the probe is essential for the accuracy.
- Feed Point Impedance and Return Loss: These parameters are measured using a Vector Network Analyzer. The impedance is specified at the SMA connector of the dipole. The influence of reflections was eliminating by applying the averaging function while moving the dipole in the air, at least 70cm away from any obstacles
- E-field distribution: E field is measured in the x-y-plane with an isotropic E-field probe with 100 mW forward power to the antenna feed point. In accordance with [1], the scan area is 20mm wide, its length exceeds the dipole arm length (180 or 90mm). The sensor center is 15 mm (in z) above the metal top of the dipole arms. Two 3D maxima are available near the end of the dipole arms. Assuming the dipole arms are perfectly in one line, the average of these two maxima (in subgrid 2 and subgrid 8) is determined to compensate for any nonparallelity to the measurement plane as well as the sensor displacement. The E-field value stated as calibration value represents the maximum of the interpolated 3D-E-field, in the plane above the dipole surface.

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%.

Certificate No: CD835V3-1023\_Aug24

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### **Measurement Conditions**

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.4
Phantom	HAC Test Arch	
Distance Dipole Top - Probe Center	15 mm	
Scan resolution	dx, dy = 5 mm	
Frequency	835 MHz ± 1 MHz	
Input power drift	< 0.05 dB	

### Maximum Field values at 835 MHz

E-field 15 mm above dipole surface	condition	Interpolated maximum
Maximum measured above high end	100 mW input power	112.6 V/m = 41.03 dBV/m
Maximum measured above low end	100 mW input power	109.9 V/m = 40.82 dBV/m
Averaged maximum above arm	100 mW input power	111.3 V/m ± 12.8 % (k=2)

### Appendix (Additional assessments outside the scope of SCS 0108)

### Antenna Parameters

Frequency	Return Loss	Impedance
800 MHz	17.2 dB	41.3 Ω - 9.3 jΩ
835 MHz	26.2 dB	51.9 Ω + 4.6 jΩ
880 MHz	16.5 dB	62.3 Ω - 11.7 jΩ
900 MHz	16.3 dB	53.0 Ω - 15.6 jΩ
945 MHz	26.4 dB	46.9 Ω + 3.5 jΩ

### 3.2 Antenna Design and Handling

The calibration dipole has a symmetric geometry with a built-in two stub matching network, which leads to the enhanced bandwidth.

The dipole is built of standard semirigid coaxial cable. The internal matching line is open ended. The antenna is therefore open for DC signals.

Do not apply force to dipole arms, as they are liable to bend. The soldered connections near the feedpoint may be damaged. After excessive mechanical stress or overheating, check the impedance characteristics to ensure that the internal matching network is not affected.

After long term use with 40W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

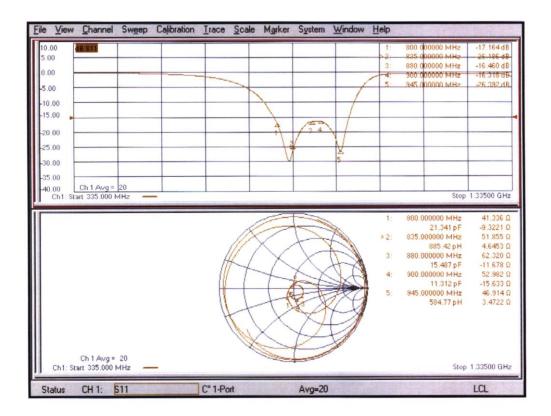
Certificate No: CD835V3-1023\_Aug24

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### Impedance Measurement Plot



Certificate No: CD835V3-1023\_Aug24

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### **DASY5 E-field Result**

Date: 16.08.2024

Test Laboratory: SPEAG Lab2

### DUT: HAC-Dipole 835 MHz; Type: CD835V3; Serial: CD835V3 - SN: 1023

 $\begin{array}{l} \mbox{Communication System: UID 0 - CW ; Frequency: 835 MHz} \\ \mbox{Medium parameters used: } \sigma = 0 \mbox{S/m}, \mbox{$\epsilon_r$} = 1; \mbox{$\rho$} = 0 \mbox{$kg/m^3$} \\ \mbox{Phantom section: } RF \mbox{Section} \\ \mbox{Measurement Standard: } DASY5 (IEEE/IEC/ANSI C63.19-2011) \\ \end{array}$ 

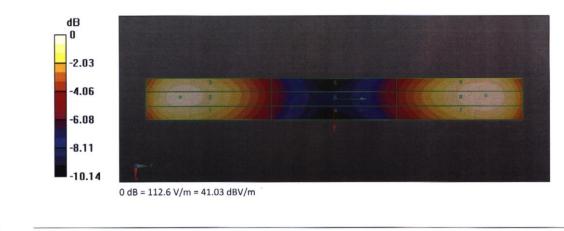
DASY52 Configuration:

- Probe: EF3DV3 SN4013; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 28.12.2023
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn781; Calibrated: 16.02.2024
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1070
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

### Dipole E-Field measurement @ 835MHz/E-Scan - 835MHz d=15mm/Hearing Aid Compatibility Test (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm Device Reference Point: 0, 0, -6.3 mm Reference Value = 221.0 V/m; Power Drift = 0.02 dB Applied MIF = 0.00 dB RF audio interference level = 41.03 dBV/m Emission category: M3

MIF scaled E-fi	IF scaled E-field				
Grid 1 M3 40.45 dBV/m		Grid 3 M3 40.74 dBV/m			
Grid 4 M4 35.89 dBV/m		Grid 6 <b>M4</b> 36.19 dBV/m			
	Grid 8 M3 41.03 dBV/m	Grid 9 <b>M3</b> 40.96 dBV/m			



Certificate No: CD835V3-1023\_Aug24

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## Dipole 1880 MHz

Engineering AG eughausstrasse 43, 8004 Zurich,		C S	Service suisse d'étalonnage Servizio svizzero di taratura Swiss Calibration Service Accreditation No.: SCS 0108
ccredited by the Swiss Accreditation he Swiss Accreditation Service i	s one of the signatories	s to the EA	
lultilateral Agreement for the rec			
lient CTTL		Certificate No.	CD1880V3-1018_Aug24
Beijing			
CALIBRATION C	ERTIFICATE		
Dbject	CD1880V3 - SN: 1018		
50,000			
Calibration procedure(s)	QA CAL-20.v7		
	Calibration Proce	dure for Validation Sources in air	
Calibration date:	August 16, 2024		
Jan Dianon Gate.	/ laguet 10, 2021		and a second second second
This calibration certificate documen	ts the traceability to natio	onal standards, which realize the physical unit	s of measurements (SI).
The measurements and the uncerta	inties with confidence pr	obability are given on the following pages and	are part of the certificate.
All calibrations have been conducted	d in the closed laborator	y facility: environment temperature $(22 \pm 3)^{\circ}C$	and humidity < 70%.
Collibration Equipment used (MOTE	oritical for calibration)		
Calibration Equipment used (M&TE	L months	Col Data (Contificate No.)	Sebadulad Calibration
Primary Standards Power meter NRP2	ID # SN: 104778	Cal Date (Certificate No.) 26-Mar-24 (No. 217-04036/04037)	Scheduled Calibration Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
Power sensor NRP-Z91	SN: 103245	26-Mar-24 (No. 217-04037)	Mar-25
Reference 20 dB Attenuator	SN: BH9394 (20k)	26-Mar-24 (No. 217-04046)	Mar-25
Type-N mismatch combination	SN: 310982 / 06327	26-Mar-24 (No. 217-04047)	Mar-25
Probe EF3DV3	SN: 4013	28-Dec-23 (No. EF3-4013_Dec23)	Dec-24
DAE4	SN: 781	16-Feb-24 (No. DAE4-781_Feb24)	Feb-25
O a second	ID #	Check Date (in house)	Scheduled Check
	SN: GB42420191	09-Oct-09 (in house check Nov-23)	In house check: Nov-24
Power meter Agilent 4419B			
Power meter Agilent 4419B Power sensor HP E4412A	SN: US38485102	05-Jan-10 (in house check Nov-23)	In house check: Nov-24
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A	SN: US37295597	09-Oct-09 (in house check Nov-23)	In house check: Nov-24 In house check: Nov-24
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06			In house check: Nov-24
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06	SN: US37295597 SN: 837633/005 SN: US41080477	09-Oct-09 (in house check Nov-23) 10-Jan-19 (in house check Nov-23) 31-Mar-14 (in house check Oct-22)	In house check: Nov-24 In house check: Nov-24 In house check: Nov-24 In house check: Oct-24
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	SN: US37295597 SN: 837633/005 SN: US41080477 Name	09-Oct-09 (in house check Nov-23) 10-Jan-19 (in house check Nov-23) 31-Mar-14 (in house check Oct-22) Function	In house check: Nov-24 In house check: Nov-24 In house check: Nov-24
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	SN: US37295597 SN: 837633/005 SN: US41080477	09-Oct-09 (in house check Nov-23) 10-Jan-19 (in house check Nov-23) 31-Mar-14 (in house check Oct-22)	In house check: Nov-24 In house check: Nov-24 In house check: Nov-24 In house check: Oct-24
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	SN: US37295597 SN: 837633/005 SN: US41080477 Name	09-Oct-09 (in house check Nov-23) 10-Jan-19 (in house check Nov-23) 31-Mar-14 (in house check Oct-22) Function	In house check: Nov-24 In house check: Nov-24 In house check: Nov-24 In house check: Oct-24
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	SN: US37295597 SN: 837633/005 SN: US41080477 Name	09-Oct-09 (in house check Nov-23) 10-Jan-19 (in house check Nov-23) 31-Mar-14 (in house check Oct-22) Function	In house check: Nov-24 In house check: Nov-24 In house check: Nov-24 In house check: Oct-24
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	SN: US37295597 SN: 837633/005 SN: US41080477 Name Leif Klysner	09-Oct-09 (in house check Nov-23) 10-Jan-19 (in house check Nov-23) 31-Mar-14 (in house check Oct-22) Function Laboratory Technician	In house check: Nov-24 In house check: Nov-24 In house check: Nov-24 In house check: Oct-24
Secondary Standards Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	SN: US37295597 SN: 837633/005 SN: US41080477 Name Leif Klysner	09-Oct-09 (in house check Nov-23) 10-Jan-19 (in house check Nov-23) 31-Mar-14 (in house check Oct-22) Function Laboratory Technician	In house check: Nov-24 In house check: Nov-24 In house check: Nov-24 In house check: Oct-24 Signature Sey Mayon Coord
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	SN: US37295597 SN: 837633/005 SN: US41080477 Name Leif Klysner Sven Kühn	09-Oct-09 (in house check Nov-23) 10-Jan-19 (in house check Nov-23) 31-Mar-14 (in house check Oct-22) Function Laboratory Technician Technical Manager	In house check: Nov-24 In house check: Nov-24 In house check: Nov-24 In house check: Oct-24 Signature Sey May South State Sey In house check: Oct-24 Signature Sey May South State Sey Sta
Power meter Agilent 4419B Power sensor HP E4412A Power sensor HP 8482A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	SN: US37295597 SN: 837633/005 SN: US41080477 Name Leif Klysner Sven Kühn	09-Oct-09 (in house check Nov-23) 10-Jan-19 (in house check Nov-23) 31-Mar-14 (in house check Oct-22) Function Laboratory Technician	In house check: Nov-24 In house check: Nov-24 In house check: Nov-24 In house check: Oct-24 Signature Sey May Source Sey May Source Issued: August 20, 2024