

EX3DV4 - SN:7370 August 22, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	UncE 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	±8.6
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, MCS8, 98pc 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 802.51ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
0696	AAC	IEEE 802 11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
0697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
0.698	AAC	IEEE 802 11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
0.688	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
United with contract	Street Contractors	IEEE 802 11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
0700	AAC	The state of the s	WLAN	8.86	±9.6
0701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	The second secon		- to test and an
0702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0.704	AAC	IEEE 802.11sx (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
0706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
0707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
0708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
0710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
0711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
0712	AAG	IEEE 802.11ax (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	大野.6
10714	AAG	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
0715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
0716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
0717	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	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	29.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
0727	AAC	IEEE 802 11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	29.6
0.728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
0729	AAC	IEEE 802 11ax (80 MHz, MCS10, 90pc duty cycle)			
0730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8,64	±9.6
0731	AAC	IEEE 802.11ax (80 MHz, MCS0, 89pc duty cycle)	WLAN	8.67	±9.6
	AAC		WLAN	8.42	±9,0
0732	AAC	IEEE 802 11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	19.6
and the local in	emotivization as	IEEE 802 11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
0.734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
0785	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
0736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.4
0737	AAC	IEEE 802,11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
0738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
0739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
0740	AAG	IEEE 802-11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
0741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.8
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
0743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
0744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	19.6
0745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
0746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
0747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	19.6
0748	AAC	IEEE 852.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	19.6
0749	AAC	IEEE 802.11ax (150 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	19.6
0750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
0751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	19.8
	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	10.6

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10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802,11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10795	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
0758	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 (169 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	SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 TOD	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
0770	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, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±9,6
0772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
0773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
0774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
0.775	AAF	5G NR (CP-OFDM, 50% RB; 5 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.31	±9.6
0.776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.30	±9.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
0778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	9G NR FR1 TDD	8.34	±9.6
0779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
0.780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.38	±9.6
0781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
0782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.43	±9.6
0.783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, GPSK, 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
0790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDO	8.39	±9.6
10791	AAG	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TD0	7.83	19.6
0792	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
10.794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFOM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
0796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
0.798	AAE	SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
0799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, CPSK, 30 kHz)	5G NR FR1 TDD	7.93	29.6
0801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
The second second	and the beautiful and	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.87	±9.6
0803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.93	±9.6
	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0.806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
0809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	8.34	±9.6
0812	AAF	5G NR (CP OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
_	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, OPSK, 30 kHz)	5G NR FR1 TOD	8.35	±9.6
0818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.34	19.5
And the State of Stat	AAE	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.33	±9.6
0820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAE	5G NR (CP-OFOM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	19.8
0823	AAF	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30MHz)	5G NR FR1 TDD	8.41	19.6
10824	AAE	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.36	±9.6
0825	AAF	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.39	19.6
0827	AAF	50 NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 80 NB (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0828	AAE	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.42	±9.6
	11015	and the feet for the sound hip, burnery, GPSA, 30 MPQ)	5G NR FR1 TDD	8.43	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc* k = 2
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, 15MHz, QPSK, 68kHz)	50 NR FR1 TDD	7.73	19.5
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 TOD	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 R8, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAE	5G NR (CP-OFDM, 1 R8, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±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)	50 NR FR1 TDD	7.70	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	50 NR FRI TOD	8.49	19.6
10844	AAE	SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
Australia (anticipi)	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	50 NR FR1 TOD	8.41	±9.6
10846	AAE	A CONTRACTOR OF THE PROPERTY O	5G NR FR1 TOD	8.34	±9.6
10854	-	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.36	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 80 kHz)			
10856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	50 NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±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)	SG NR FR1 TDD	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	#9.6
10868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.89	±9:6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 128 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-e-OFDM, 100% R8, 100MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.86	19.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 18QAM, 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, 54QAM, 120 kHz)	5G NR FR2 TDD	5.65	±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)	SG 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-e-OFDM, 100% RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 15QAM, 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-e-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 R8, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	19.6
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, 128 kHz)	5G NR FR2 TDD	8.02	012701
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD		±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)		8.40	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 KHz)	50 NR FR2 TDD	8.13	±9.6
10.897	AAE		5G NR FR2 TDD	8.41	±9.6
10.898	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	19.6
10899	AAB	5G NR (DFT+-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT+-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.67	±9.6
10900			50 NR FR1 TDD	5.67	±9.6
-	AAC		5G NR FR1 TDD	5.68	±9-6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAC	SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.68	±9.5
10903	AAD	5G NR (DFT-s-OFDM, 1 R8, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.5
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAE	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 38 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAC	5G NR (DFTs-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	50 NR FR1 TD0	5.93	±9.6
10909	BAA	5G NR (DFT-s-OFDM, 50% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAC	5G NR (DFTs-OFDM, 50% RB, 20MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.83	19.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unch k = 2
10911	AAB	5G NR (DFT-e-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.84	±9.6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAC	5G NR (DFT-e-OFOM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.83	±9.6
10916	AAD	5G NR (DFT a 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 TDO	5.86	±9.6
10919	AAC	5G NR (DFT-e-OFOM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	19.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	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	BAA	5G NR (DFT-e-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.82	±9.6
0923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	49.6
0.924	AAD	5G NR (DFT:s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.84	±9.6
0925	AAC	5G NR (DFT-e-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.95	±9.6
0928	AAD	SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.84	±9.6
0.927	AAD	5G NR (DFT-a-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5,94	±9.6
0928	AAD	5G NR (DFT-e-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FD0	5.52	±9.6
0929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 15kHz)	5G NR FR1 FD0	5.52	±9.6
0930	AAC	5G NR (DFT-e-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.52	±9.6
0931	AAC	5G NR (DFT-e-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	19.6
0932	AAC	SG NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.8
0933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0934	AAC	SG NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5,51	±9.6
0935	AAD	SG NR (DFT-s-OFDM, 1 R8, 50MHz, QPSK, 15kHz)	5G NR FR1 FDD	8.61	19.6
0.936	AAD	SG NR (DFT-e-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
0937	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
0938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
0930	AAC	SG NR (DFT-e-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
0940	AAC	5G NR (DFT-e-OFDM, 50% RB; 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
0941	AAC	SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
0942	AAC	SG NR (DFT a OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
0943	AAD	5G NR (DFT-e-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
0944	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
0945	AAD	5G NR (DFT:s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
0946	AAC	SG NR (DFT-e-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
0947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
0.948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
0949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
0950	AAC	5G NR (DFT-e-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
0951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 NHz)	5G NR FR1 FDD	5.92	±9.6
0952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 FD0	B.25	19.6
0953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 15 kHz)	SG NR FR1 FDD	8.15	±9.6
0954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 FD0	8.23	19.6
0955	AAA	SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	B.42	±9.6
0956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.14	±9.6
0957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.31	±9.6
0958	AAA	5G NR DL (CP-OFDM, TM 3:1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	19.6
0.959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.33	±9.6
0960	AAE	5G NR.DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	SG NR FR1 TDD	9.32	±9.6
0961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TD0	9.36	±9.6
0962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.40	±9.6
0963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
0964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
0965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
0966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9,6
0967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
0968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
0972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	11.59	±9.6
0973	AAD	5G NR (DFT-s-OFOM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	19.6
0974	AAD	5G NR (CP-OFOM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NA FR1 TDD	10.26	±9.6
0978	AAA	ULLA BOR	ULLA	1.16	±9.6
0979	AAA	ULLA HDR4	ULLA	8.58	19.6
0980	AAA	ULLA HDR8	ULLA	10.32	±9.6
0981	AAA	ULLA HDRp4	ULLA	3.19	19.5
0982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9,42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL /CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	SG NR FR1 TDD	9.50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	6G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9,52	±9.6
11003	AAA.	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 54-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR Dt. (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	19.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	50 NR FR1 FDD	B.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.5
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802 11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802.11be (320 MHz, MCSS, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802 11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802 11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.35	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	BAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	BAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

 $^{^{\}rm E}$ Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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Calibration Laboratory of Schmid & Partner Engineering AG





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

Swiss Calibration Service

Zeughausstrasse 43, 8004 Zurich, Switzerland

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

Accreditation No.: SCS 0108

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

ES-3076_Jul24

CALIBRATION C	결	7 /e W	7	
Object	ES3DV3 - SN:3076	재 자바/설립 및 자	2024.00.5	2024.58.3
Calibration procedure(s)	QA CAL-01.v10, QA CAL Calibration procedure for			CAL-25.v8
Calibration date	July 17, 2024			
	currents the traceability to national star uncertainties with confidence probability			
All calibrations have been co	nducted in the closed laboratory facility	: environment te	emperature (22±3) ℃	and humidity < 70%.
Calibration Equipment used	M&TE critical for calibration)			

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. DAE4-660_Feb24)	Feb-25
Reference Probe FX30V4	SN: 7349	03-Jun-24 (No. EX3-7349 Jun24)	Jun-25

ID	Check Date (in house)	Scheduled Check
SN: GB41293874	08-Apr-16 (in house check Jun-24)	In house check: Jun-26
SN: MY41498087	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
SN: 000110210	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
SN: US3642U01700	84-Aug-99 (in house check Jun-24)	in house check: Jun-26
SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	SN: MY41498087 SN: 000110210 SN: US3642U01700	SN: GB41293874 06-Apr-16 (in house check Jun-24) SN: MY41498087 08-Apr-16 (in house check Jun-24) SN: 000110210 06-Apr-16 (in house check Jun-24) SN: US3642U01700 04-Aug-99 (in house check Jun-24)

	Name	Function	Signature
Calibrated by	Joanna Lleshaj	Laboratory Technician	Holling
Approved by	Sven Kühn	Technical Manager	A. A. Robbel
			Issued: July 17, 2024

Certificate No: ES-3076_Jul24

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

HaC MRA



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
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S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary

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

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

Polarization φ σ rotation around probe axis

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

normal to probe axis

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

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

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ES3DV3 - SN:3076

July 17, 2024

Basic Calibration Parameters

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

Calibration Results for Modulation Response

Parameters of Probe: ES3DV3 - SN:3076

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

Note: For details on UID parameters see Appendix

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

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

⁸ Linearization parameter uncertainty for maximum specified field strongth.

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



July 17, 2024 ES3DV3 - SN:3076

Parameters of Probe: ES3DV3 - SN:3076

Sensor Model Parameters

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

Other Probe Parameters

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

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July 17, 2024 ES3DV3 - SN:3076

Parameters of Probe: ES3DV3 - SN:3076

Calibration Parameter Determined in Head Tissue Simulating Media

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

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

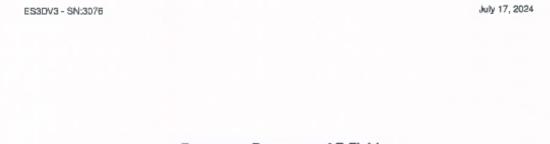
F The probes are calibrated using tissue simulating liquids (TSL) that deviate for \$x\$ and \$x\$ by the target values (typically better than ±3%) and are valid for TSL, with deviations of up to ±10% if SAR correction is applied.

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

boundary.

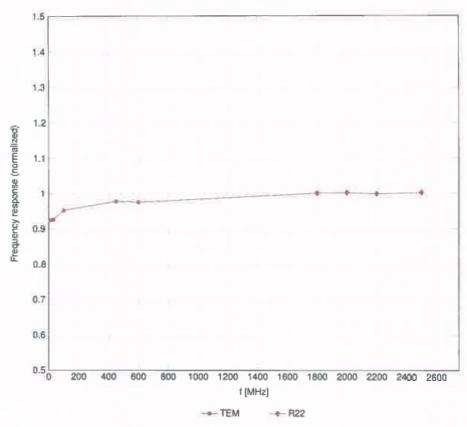
H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.





Frequency Response of E-Field

(TEM-Cell:Ifi110 EXX, Waveguide:R22)



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

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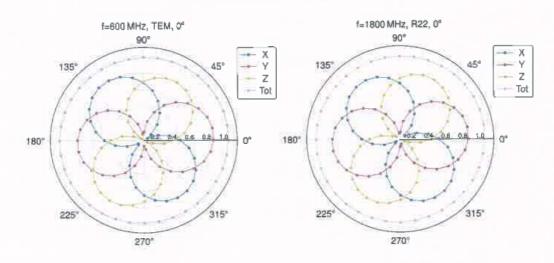
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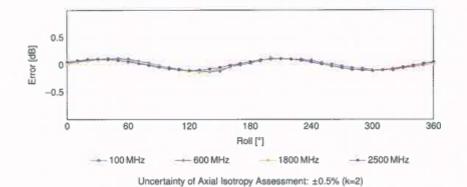
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Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

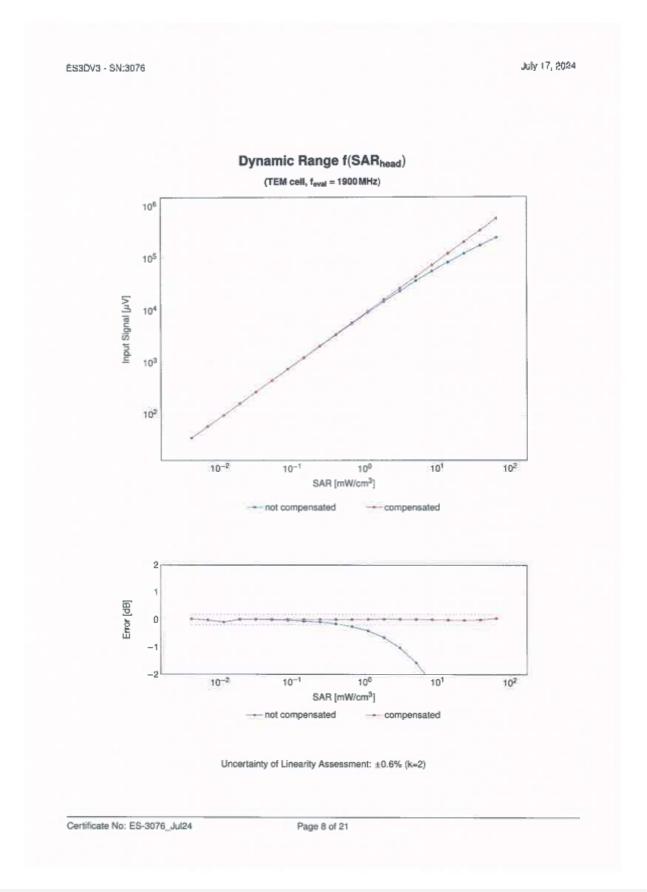




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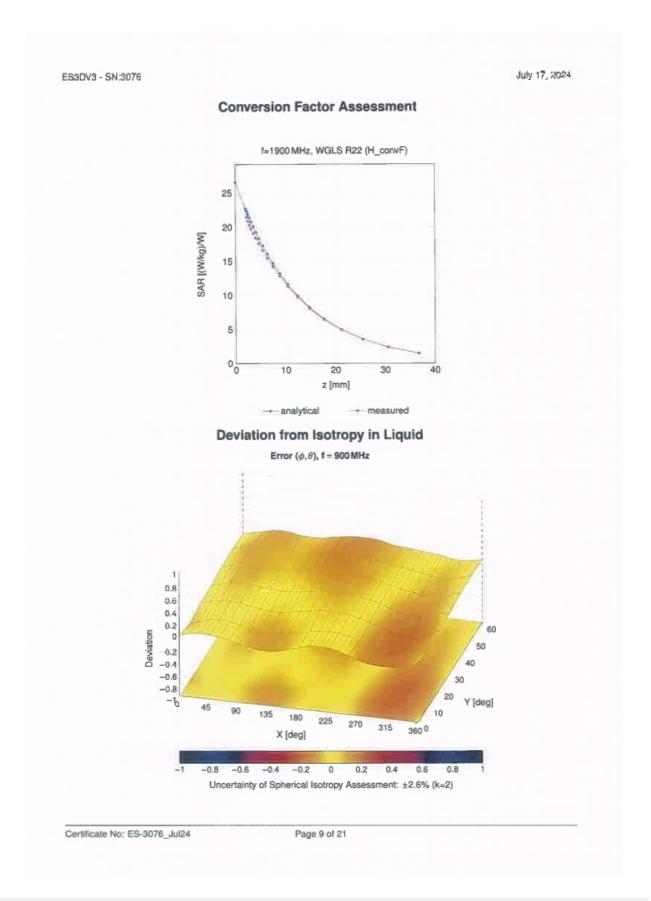
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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	19.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	1EEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802,15,1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH3)	Bluetpoth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
			Bluetooth	8.01	±9.6
10036	CAA	IEEE 802.15.1 Bluetcoth (8-DPSK, DH1)	Bluetooth	4,77	
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	-010-0100-01		±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	GDMA2000 (1xRTT, RC1)	CDMA2000		±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Haffrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UM/TS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CA8	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10081	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10086	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10088	CAE	IEEE 802.11a/h WiFl 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CA8	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	Tarabina -
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, Pl/4-DQPSK, Fullrate)	AMPS	4.77	
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	19.6
10097	CAC	UMTS-FOD (HSDPA)	WCDMA		±9.6
	_		and the second s	3.98	±9.6
10098	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10100	CAF	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDO	5.67	±9.6
0101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDO	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6,60	±9.6
10 103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-TOD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9,6
10 105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10 109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FD0	6,43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	19.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
0112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FOD	6.59	±9.6
0113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.62	±9.6
	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
0114	_	(EEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
0115	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
0116	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
0117	CAE		WLAN	8.59	±9.6
0118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.13	±9.6
0119	CAE	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	LTE-FDD	8,49	±9.6
0140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.53	±9.6
0141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	5.73	±9.6
0142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	6.35	±9.6
0143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.65	±9.6
0144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)			±9.6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	
0146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
0147	CAG	LTE-FOD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FOD	6.42	±9.6
0150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
0151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDO	9.28	±9.6
0152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
0153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
0154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	49.6
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 15-QAM)	LTE-FDD	6.43	±9.6
0156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 84-QAM)	LTE-FDD	6.58	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FD0	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-FDD	6.79	±9.0
10168		LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
*		LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.0
10170	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.0
10171		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10172	-		LTE-TOD	9.48	±9.0
10173		LTE-TOD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	10.25	±9.0
10174		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	5.72	±9.
10175		LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	6.52	±9.
10176		LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	The second secon		
10177	-	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.
10178		LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9/
10179	_	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FOD	6.50	±9.
10180	-	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.
10182		LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.
10183		LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.
10184		LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.
10185		LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	6.50	±9.
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.
10194	CAE	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.
10195		IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.
10196	_		WLAN	8.10	±9.
10197	-	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.
10198		The state of the s	WLAN	8.27	±9.
10219	-	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.
10220	-	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.
10221	_	The state of the s	WLAN	8.27	±9.
1966		IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.
		LEGE SOC. FILL MIXED, TO MUDE, DE GRO	745714	0.00	7.0
10222	-	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E 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-TOO	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
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TOO	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	49.6
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	ÇAG	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-TOD	9.86	±9.6
10243	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TOD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TOD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	±9.6
10246	CAE	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TOD	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
0252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
0253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
0254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)		10.14	±9.6
	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	±9.6
0256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10281	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.97	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TOD	10.16	±9.6
0264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TDD	9.23	±9.6
0265	CAH	LTE-TDD (SC-FDMA, 190% RB, 10 MHz, 16-QAM)	LTE-TOD	9.92	±9.6
0288	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
0267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-TOD	9.30	±9.6
0268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TDD	10.06	±9.6
0269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-TOD	10.13	±9.6
0270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
0274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4,87	±9.6
0275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
0277	CAA	PHS (QPSK)	PHS	11.81	±9.6
0278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11,81	±9.6
0279	CAA	PHS (QPSK, BW 884 MHz, Rollott 0.38)	PHS	12.18	±9.6
0290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
0291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
0292	AAB	CDMA2000, RC3, SC32, Full Rate	CDMA2000	3,39	±9.6
0293	AAB	CDMA2000, RC3, SC3, Full Rate	CDMA2000	3.50	±9.6
0295	AAB	CDMA2000, RC1, SC3, 1/8th Rate 25 fr.	CDMA2000	12.49	19.6
0297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FOD	5.81	±9.6
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FOD	5.72	±9.6
0299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FOD	6.39	±9.6
0300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FOD	6.60	
	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX		±9.6
	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)		12.03	±9.6
	- money	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 640AM, PUSC)	WIMAX	12.57	±9.6
0302	0.0.0				±9.6
0301 0302 0303	AAA			_	
0302	AAA	IEEE 802.169 WIMAX (23:15, 5 ms, 10 MHz, 640AM, PUSC) IEEE 802.169 WIMAX (31:15, 10 ms, 10 MHz, 640AM, PUSC)	WMAX	11.86	±9.6

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10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802,16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
0311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDO	6.06	±9.6
0313	AAA	IDEN 1:3	IDEN	10.51	±9.5
0314	AAA	IDEN 1:6	iDEN	13.48	±9.6
		IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mops, 98pc duty cycle)	WLAN	1.71	±9.6
10315	AAB	IEEE 802,11g WiFI 2.4 GHz (ERP-OFDM, 6 Mbps, 98pc duty cycle)	WLAN	8.36	±9.6
10316	AAB		WLAN	8.36	±9.6
0317	AAE	IEEE 802.11a WiFi 6 GHz (OFDM, 6 Mbps, 96pc duty cycle)	Generio	10.00	±9.6
0352	AAA	Pulse Waveform (200Hz, 10%)			
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 49%)	Generic	3.98	±9.6
0355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
0356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.8
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
0388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
0396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
0 400	AAF	IEEE 802.11ac WIFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
0400	AAF	IEEE 802.11ac WiFi (40 MHz, 84-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	IEEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10403		CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.77	19.6
10404	AAB		CDMA2000	5.22	±9.0
10406	AAB	CDMA2000, RC3, SC32, 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 Confe-4)			
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFl 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.0
10416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.
10417	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9,
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.1
10426	GAA	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.
10427	AAD	IEEE 802,11n (HT Greenlield, 150 Mbps, 64-QAM)	WLAN	8,41	±9.
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.
10432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.
	_	The state of the s	LTE-FDD	8.34	±9.
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)			_
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.
10447	AAE	LTE-FDD (OFDMA, 8MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.
10448	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.
10453	AAE	Validation (Square, 10 ms, 1 ms)	Tost	10.00	±9.
10456	AAD	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9,
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	19.
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.
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.
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	±9.
	_				
10454	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.
10456	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.
10458	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	±9.
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9,
	AAG		LTE-TDD	8.32	±9.

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	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
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-YDO	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-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, 84-QAM, UL Subframe=2,3,4,7,8,9)	ETE-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-TDO	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-TDO	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.59	±9.6
	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.38	±9.6
10486		A STATE OF THE PROPERTY OF THE			±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	
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	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-TOD	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-TDO	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.65	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	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-TOD (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, 190% 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-TOD	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, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 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
10508	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
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-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	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802,11a/n WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802,11ac WIFI (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAD	IEEE 802,11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528		IEEE 802.11sc WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	
10529	AAD	IEEE 802.11ac WiFI (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAD	IEEE 802.11ac WiF1 (20 MHz, MCS6, 98pc duty cycle)	WLAN		
10532		IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)		8.43	±9.6
10533	AAD		WLAN	8.29	±9.6
10533		IEEE 802.11ac WIFI (20 MHz, MCS8, 98pc duty cycle)	WLAN	8.38	±9.6
		IEEE 802,11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAD	IEEE 902.11ac WIFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
		IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10538	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	20.0

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UID	Rev	Communication System Name	Group	PAR (dB)	UnoE k = 2
10541	AAD	IEEE 802,11ac WiFI (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.5
10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
	AAD	IEEE 802.11ac WiFI (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
0543		IEEE 802.11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8,47	±9.6
0544	AAD		WLAN	8.55	±9.6
0545	DAA	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8,35	±9.6
10546	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.49	±9.6
10547	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.37	±9.6
10548	AAD	IEEE 802.11ac WiFl (80 MHz, MCS4, 99pc duty cycle)		8.38	±9.6
10550	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN		
10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WIFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAE	IEEE 802.11ac WiFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
0558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	IEEE 802.11ac WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAE	IEEE 802.11ac WIFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.77	±9.6
	_	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8,25	±9.6
10564	AAA		WLAN	8.45	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.13	19.5
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10:567	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)		8.37	
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN		±9.6
10:569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFl 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578		IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	-	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10582			WLAN	8.59	±9.6
10.583	_	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10584	_	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)			
10585		IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586		IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	and the same of the same	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596		IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597		IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598		IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599		IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600		IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
	_	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, Supc duty cycle)	WLAN	8.82	±9.6
10801		IEEE 802.11ft (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.94	-
10602					±9.6
10603		IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604		IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605		IEEE 802.11n (HT Mored, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	_	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.8
10607			WLAN	8.64	±9.6
10608	AAD	IEEE 802.11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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10609	AAD	IEEE 802.11ac WiFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
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
0613	AAD	IEEE 802.11ac WIFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
0614	AAD	IEEE 802.11ac WF1 (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
		The state of the s	WLAN	8.82	±9.6
0615	AAD	IEEE 802.11ac WiFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0616	AAD	IEEE 802.11ac WIFI (40 MHz, MCS0, 90pc duty cycle)			
0617	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
0619	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
0620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
0621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0622	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 WiFl (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
0625	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
0626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0628	AAD	IEEE 802,11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
Committee of the last owner.		The state of the s	WLAN	8.85	±9.6
0629	AAD	IEEE 802,11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.72	±9.0
0630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.81	±9.0
0631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)			
10632	AAD	IEEE 802.11ac WiFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.1
0633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.1
10634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9,
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.
10636	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.
10637	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.
10638	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.
10639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.
10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.
10641	AAE	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.
10642	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.
10643	AAE	IEEE 802,11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.
10644	AAE		WLAN	9.05	
	_	IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle)	The second secon		±9.
10645	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.0
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE-TOO	11.96	±9.
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11.96	±9.
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.21	±9/
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.
10660	AAS	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.0
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9/
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN		
	AAC	The state of the s		9.09	±9.
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.
10673		IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.
10874	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.
0675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.
0676		IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.
0677		IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.73	±9.
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.
10679	AAC	IEEE 802.11ax (20 MHz, MGS8, 90pc duty cycle)	WLAN	8.89	±9.
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	***		_
	AAC		WLAN	8.26	±9.
10685 10686	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.
	I AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.

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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
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ex (20 MHz, MCS7, 99pc duly cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8,57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90oc 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, 90oc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.73	±9.6
10700	_	The state of the s			
	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, MCSB, 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	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11sx (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.35	±9.6
10738	AAC	IEEE 802.11ax (60 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	19.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	19.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	19.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	_	±9.6
	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.82 8.81	±9.6
10752			1 N. W. S. A. S.	0.251	±9.6

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107562 AAC EEE 802 Tax (100 MHz, MCS10, 400 cuby cycle) WLAN 8.94	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
19756 ACC BEES 902.11xx (1904Mtz, MCSS), spipe, day yeele WLAN 0.77 5.9.6	10753	AAC	IEEE 802.11ex (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
19756 AAC REES 902.11 tax (1904 Mix. MCS); spipe, day yeels) WLAN 9.77 4.9.6 19758 AAC REES 902.11 tax (1904 Mix. MCS); spipe, day yeels) WLAN 8.77 4.9.6 19758 AAC REES 902.11 tax (1904 Mix. MCS); spipe, day yeels) WLAN 8.59 4.9.6 19759 AAC REES 902.11 tax (1904 Mix. MCS); spipe, day yeels) WLAN 8.59 4.9.6 19759 AAC REES 902.11 tax (1904 Mix. MCS); spipe, day yeels) WLAN 8.59 4.9.6 19759 AAC REES 902.11 tax (1904 Mix. MCS); spipe, day yeels) WLAN 8.50 4.9.6 19.0	10754	AAC	IEEE 802.11ax (160 MHz, MOS11, 90pc duty cycle)	WLAN	8.94	±9.6
10796 AAC REE BOZ 11 SK (1900 MHz, MCSS, 1990 c thut y cycle)	10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
1975 ACC BEER BOZT ITSK (1904 Mer., MCSS. 1990 duby cycle)	10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
1979 AAC BEER ROZ 11 to (1904 Mer. MCS4. 980 cuby cycle)	10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
1978 AAC BEER BOZ 11 to (1900 Mrs. MCSS. 980 cuby cycle)	10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
1976 ACC EEE B02.11 tax (190 Mrs. M.CSS, 190 pc) duty cycle)	10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10798 AAC IEEE 802 Tax (160 MHz, MSS, 980 cduy cycle)	10760	AAC	IEEE 802,11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
19798 AAC IEEE 802 Tax (160 MHz, MSS), 896 city cycle)	10761	AAC	IEEE 802.11ax (160 MHz, MOS6, 99pc duty cycle)	WLAN	8.58	±9.6
107965 AAC IEEE 802 132 (160 MHz, MCSR) 699c day cycle)	10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
19795 ACC IEEE 802 Tax (160 MHz, MCSTL), 896 day cycle)	10763	AAC	IEEE 802.11ax (160 MHz, MOS8, 98pc duty cycle)	WLAN	8.53	±9.6
19796 AAC IEEE 802 11ax (190 MHz, WCS11, 1969; day cycle)	10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10767 AAG SO NR (CP-CPGM, 1 RB, SAME, CPSK, 15442) SG NR FRI TOD 7.99 9.9 9.9 10768 AAD SG NR (CP-CPGM, 1 RB, 10MHz, CPSK, 15442) SG NR FRI TOD 8.01 4.9 4.0	10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10756 AAE 56 NR (CP-CPORM, 1 RB, 15MHz, CPSK, 15MHz) S5 NR FRI TDD 8.01 ±9.8 10776 AAE 56 NR (CP-CPORM, 1 RB, 15MHz, CPSK, 15MHz) S5 NR FRI TDD 8.02 ±9.8 10777 AAE 56 NR (CP-CPORM, 1 RB, 25MHz, CPSK, 15MHz) S6 NR FRI TDD 8.02 ±9.8 10777 AAE 56 NR (CP-CPORM, 1 RB, 25MHz, CPSK, 15MHz) S6 NR FRI TDD 8.02 ±9.8 10778 AAE 56 NR (CP-CPORM, 1 RB, 25MHz, CPSK, 15MHz) S6 NR FRI TDD 8.20 ±9.8 10778 AAE 56 NR (CP-CPORM, 1 RB, 25MHz, CPSK, 15MHz) S6 NR FRI TDD 8.20 ±9.8 10778 AAE 56 NR (CP-CPORM, 1 RB, 25MHz, CPSK, 15MHz) S6 NR FRI TDD 8.20 ±9.8 10778 AAE 56 NR (CP-CPORM, 1 RB, 25MHz, CPSK, 15MHz) S6 NR FRI TDD 8.20 ±9.8 10776 AAE 56 NR (CP-CPORM, 1 RB, 56MHz, CPSK, 15MHz) S6 NR FRI TDD 8.30 ±9.8 10776 AAE 56 NR (CP-CPORM, 50% RB, 5MHz, CPSK, 15MHz) S6 NR FRI TDD 8.31 ±9.5 10777 AAC 56 NR (CP-CPORM, 50% RB, 5MHz, CPSK, 15MHz) S6 NR FRI TDD 8.30 ±9.8 10778 AAE 56 NR (CP-CPORM, 50% RB, 15MHz, CPSK, 15MHz) S6 NR FRI TDD 8.30 ±9.8 10778 AAE 56 NR (CP-CPORM, 50% RB, 15MHz, CPSK, 15MHz) S6 NR FRI TDD 8.30 ±9.8 10778 AAC 56 NR (CP-CPORM, 50% RB, 25MHz, CPSK, 15MHz) S6 NR FRI TDD 8.30 ±9.8 10778 AAC 56 NR (CP-CPORM, 50% RB, 25MHz, CPSK, 15MHz) S6 NR FRI TDD 8.32 ±9.8 10778 AAC 56 NR (CP-CPORM, 50% RB, 25MHz, CPSK, 15MHz) S6 NR FRI TDD 8.32 ±9.8 10778 AAC 56 NR (CP-CPORM, 50% RB, 45MHz, CPSK, 15MHz) S6 NR FRI TDD 8.32 ±9.8 10778 AAC 56 NR (CP-CPORM, 50% RB, 45MHz, CPSK, 15MHz) S6 NR FRI TDD 8.32 ±9.8 10778 AAC 56 NR (CP-CPORM, 50% RB, 45MHz, CPSK, 15MHz) S6 NR FRI TDD 8.32 ±9.8 10778 AAC 56 NR (CP-CPORM, 50% RB, 45MHz, CPSK, 15MHz) S6 NR FRI TDD 8.32 ±9.8 10778 AAC 56 NR (CP-CPORM, 50% RB, 45MHz, CPSK, 15MHz) S6 NR FRI TDD 8.33 ±9.8 10778 AAC 56 NR (CP-CPORM, 50% RB, 45MHz, CPSK, 15MHz) S6 NR FRI TDD 8.34 ±9.8 10778 AAC 56 NR (CP-CPORM, 100% RB, 50MHz, CPSK, 15MHz)		AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10779 AAD SO NR (CP-OFOM, 1 RB, 15MHz, OPSC, 15MHz) SG NR FRI TOD 8.02 4.98	10767	AAG	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.99	±9.6
10777 AAE GG NR (CP-OFDM, 1 RB, 20MHz, OPSK, 15MHz)	10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10777 AAD GO NIT (CP-OPEM), 1 RB, 25 MHz, OPEK, 15 MHz 55 MP FRT 1700 8.20 4.9.8	10769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±9.6
10772 AAE GG NR (CP-OFDM, 1 RB, 30MHz, OPSK, 1544z) SG NR FR1 TDD 8.23 ±9.6	_	AAE		5G NR FR1 TOD	8.02	±9.6
10778 AAF SG NR (CP-OFDM, 1 FIR, 50 MHz, OPSK, 15 MHz)		AAD		5G NR FR1 TDD	8.02	±9.6
10778 AAF SG NR (CP-OFDM, 1 R8, 40MHz, OPSK, 154Hz) SG NR FR1 TDD S.02 ±9.8	-			5G NR FR1 TDD	8.23	±9.6
10778 AAE SCI NR (CP-OPDM, 50% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.31 9.9.8 10777 AAC SCI NR (CP-OPDM, 50% RB, 10MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.30 4.9.8 10777 AAC SCI NR (CP-OPDM, 50% RB, 10MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.30 4.9.8 10777 AAC SCI NR (CP-OPDM, 50% RB, 10MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.30 4.9.8 10778 AAC SCI NR (CP-OPDM, 50% RB, 20MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.34 4.9.5 10779 AAC SCI NR (CP-OPDM, 50% RB, 20MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.42 4.9.5 10779 AAC SCI NR (CP-OPDM, 50% RB, 20MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.42 4.9.5 10778 AAC SCI NR (CP-OPDM, 50% RB, 20MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.42 4.9.5 10780 AAC SCI NR (CP-OPDM, 50% RB, 20MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.43 4.9.5 10781 AAF SCI NR (CP-OPDM, 50% RB, 20MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.38 4.9.5 10781 AAF SCI NR (CP-OPDM, 50% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.34 4.9.5 10782 AAC SCI NR (CP-OPDM, 50% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.34 4.9.5 10782 AAC SCI NR (CP-OPDM, 50% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.31 4.9.5 10782 AAC SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.29 4.9.8 10782 AAC SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.29 4.9.8 10782 AAC SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.30 4.9.8 10782 AAC SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.30 4.9.8 10782 AAC SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.30 4.9.8 SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 15MHz) SCI NR FR1 TOD 8.39 4.9.8 SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 50MHz) SCI NR FR1 TOD 8.39 4.9.8 SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 50MHz) SCI NR FR1 TOD 7.30 4.9.8 SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 50MHz) SCI NR FR1 TOD 7.30 4.9.8 SCI NR (CP-OPDM, 100% RB, 50MHz, CPSK, 50MHz)			The state of the s			
10776 AAF SG NR (CP-OFDM, 50% RB, 50MHz, OPSK, 15MHz) SG NR FR1 TDD S.30 ±9.5 10777 AAC SG NR (CP-OFDM, 50% RB, 10MHz, OPSK, 15MHz) SG NR FR1 TDD S.30 ±9.5 10778 AAC SG NR (CP-OFDM, 50% RB, 15MHz, OPSK, 15MHz) SG NR FR1 TDD S.30 ±9.5 10779 AAC SG NR (CP-OFDM, 50% RB, 15MHz, OPSK, 15MHz) SG NR FR1 TDD S.34 ±9.5 10780 AAE SG NR (CP-OFDM, 50% RB, 20MHz, OPSK, 15MHz) SG NR FR1 TDD S.34 ±9.5 10780 AAE SG NR (CP-OFDM, 50% RB, 20MHz, OPSK, 15MHz) SG NR FR1 TDD S.38 ±9.5 10780 AAE SG NR (CP-OFDM, 50% RB, 20MHz, OPSK, 15MHz) SG NR FR1 TDD S.38 ±9.5 10780 AAE SG NR (CP-OFDM, 50% RB, 50MHz, OPSK, 15MHz) SG NR FR1 TDD S.39 ±9.5 10782 AAE SG NR (CP-OFDM, 50% RB, 50MHz, OPSK, 15MHz) SG NR FR1 TDD S.39 ±9.5 10783 AAG SG NR (CP-OFDM, 50% RB, 50MHz, OPSK, 15MHz) SG NR FR1 TDD S.49 ±9.5 10784 AAE SG NR (CP-OFDM, 100% RB, 50MHz, OPSK, 15MHz) SG NR FR1 TDD S.31 ±9.5 10785 AAE SG NR (CP-OFDM, 100% RB, 50MHz, OPSK, 15MHz) SG NR FR1 TDD S.30 ±9.5 10786 AAE SG NR (CP-OFDM, 100% RB, 15MHz, OPSK, 15MHz) SG NR FR1 TDD S.40 ±9.5 10787 AAD SG NR (CP-OFDM, 100% RB, 50MHz, OPSK, 15MHz) SG NR FR1 TDD S.40 ±9.5 10787 AAD SG NR (CP-OFDM, 100% RB, 25MHz, OPSK, 15MHz) SG NR FR1 TDD S.40 ±9.5 10786 AAE SG NR (CP-OFDM, 100% RB, 25MHz, OPSK, 15MHz) SG NR FR1 TDD S.40 ±9.5 10787 AAD SG NR (CP-OFDM, 100% RB, 25MHz, OPSK, 15MHz) SG NR FR1 TDD S.40 ±9.5 10788 AAE SG NR (CP-OFDM, 100% RB, 25MHz, OPSK, 15MHz) SG NR FR1 TDD S.40 ±9.5 10789 AAF SG NR (CP-OFDM, 100% RB, 25MHz, OPSK, 15MHz) SG NR FR1 TDD S.40 ±9.5 10789 AAF SG NR (CP-OFDM, 100% RB, 25MHz, OPSK, 15MHz) SG NR FR1 TDD S.40 ±9.5 10789 AAE SG NR (CP-OFDM, 100% RB, 25MHz, OPSK, 30MHz) SG NR FR1 TDD S.39 ±9.5 10789 AAE SG NR (CP-OFDM, 100% RB, 25MHz, OPSK, 30MHz) SG NR FR1 TDD S.39 ±9.5 10789			The state of the s	5G NR FR1 TDD	8.02	±9.6
10779 AAE SG NR (CP-CPDM, 50% RB, 10MHz, CPSK, 15MHz) SG NR FR1 TDD 8.30 9.9.8 10779 AAC SG NR (CP-CPDM, 50% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.30 9.9.8 10779 AAC SG NR (CP-CPDM, 50% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.34 1.9.8 10779 AAC SG NR (CP-CPDM, 50% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.35 4.9.5 10780 AAE SG NR (CP-CPDM, 50% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.36 4.9.5 10781 AAF SG NR (CP-CPDM, 50% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.36 4.9.5 10781 AAF SG NR (CP-CPDM, 50% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.30 4.9.6 10782 AAE SG NR (CP-CPDM, 50% RB, 50MHz, CPSK, 15MHz) SG NR FR1 TDD 8.30 4.9.6 10782 AAE SG NR (CP-CPDM, 50% RB, 50MHz, CPSK, 15MHz) SG NR FR1 TDD 8.31 4.9.6 10782 AAE SG NR (CP-CPDM, 50% RB, 50MHz, CPSK, 15MHz) SG NR FR1 TDD 8.31 4.9.6 10782 AAE SG NR (CP-CPDM, 50% RB, 50MHz, CPSK, 15MHz) SG NR FR1 TDD 8.31 4.9.6 10782 AAD SG NR (CP-CPDM, 100% RB, 50MHz, CPSK, 15MHz) SG NR FR1 TDD 8.40 4.9.6 10782 AAD SG NR (CP-CPDM, 100% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.40 4.9.6 10782 AAE SG NR (CP-CPDM, 100% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.40 4.9.6 10782 AAE SG NR (CP-CPDM, 100% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.40 4.9.6 10782 AAE SG NR (CP-CPDM, 100% RB, 20MHz, CPSK, 15MHz) SG NR FR1 TDD 8.39 4.9.8 10782 AAE SG NR (CP-CPDM, 100% RB, 30MHz, CPSK, 15MHz) SG NR FR1 TDD 8.39 4.9.8 10782 AAE SG NR (CP-CPDM, 100% RB, 30MHz, CPSK, 15MHz) SG NR FR1 TDD 8.39 4.9.8 10782 AAE SG NR (CP-CPDM, 100% RB, 30MHz, CPSK, 30MHz) SG NR FR1 TDD 8.39 4.9.8 10782 AAE SG NR (CP-CPDM, 100% RB, 50MHz, CPSK, 30MHz) SG NR FR1 TDD 7.92 4.9.8 10782 AAE SG NR (CP-CPDM, 100% RB, 50MHz, CPSK, 30MHz) SG NR FR1 TDD 7.92 4.9.8 10782 AAE SG NR (CP-CPDM, 100% RB, 50MHz, CPSK, 30MHz) SG NR FR1 TDD 7.92 4.9.8 10782 AAE SG NR (CP-CPDM, 1	10775	AAF	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10777 AAC SG NR (CP-CPDM, 50% RB, 15 MHz, CPSK, 15 MHz) SG NR FRI TDD S.34 49.5 10778 AAC SG NR (CP-CPDM, 50% RB, 20 MHz, CPSK, 15 MHz) SG NR FRI TDD S.34 49.5 10780 AAE SG NR (CP-CPDM, 50% RB, 25 MHz, CPSK, 15 MHz) SG NR FRI TDD S.38 49.5 10780 AAE SG NR (CP-CPDM, 50% RB, 25 MHz, CPSK, 15 MHz) SG NR FRI TDD S.38 49.5 10780 AAE SG NR (CP-CPDM, 50% RB, 30 MHz, CPSK, 15 MHz) SG NR FRI TDD S.38 49.5 10782 AAE SG NR (CP-CPDM, 50% RB, 50 MHz, CPSK, 15 MHz) SG NR FRI TDD S.43 49.5 10782 AAE SG NR (CP-CPDM, 50% RB, 50 MHz, CPSK, 15 MHz) SG NR FRI TDD S.43 49.5 10783 AAG SG NR (CP-CPDM, 100% RB, 50 MHz, CPSK, 15 MHz) SG NR FRI TDD S.43 49.5 10784 AAE SG NR (CP-CPDM, 100% RB, 50 MHz, CPSK, 15 MHz) SG NR FRI TDD S.29 49.6 10785 AAD SG NR (CP-CPDM, 100% RB, 50 MHz, CPSK, 15 MHz) SG NR FRI TDD S.29 49.6 10786 AAE SG NR (CP-CPDM, 100% RB, 50 MHz, CPSK, 15 MHz) SG NR FRI TDD S.40 49.8 10787 AAD SG NR (CP-CPDM, 100% RB, 20 MHz, CPSK, 15 MHz) SG NR FRI TDD S.40 49.8 10789 AAE SG NR (CP-CPDM, 100% RB, 20 MHz, CPSK, 15 MHz) SG NR FRI TDD S.44 49.5 10780 AAE SG NR (CP-CPDM, 100% RB, 20 MHz, CPSK, 15 MHz) SG NR FRI TDD S.44 49.5 10780 AAE SG NR (CP-CPDM, 100% RB, 20 MHz, CPSK, 15 MHz) SG NR FRI TDD S.44 49.5 10780 AAE SG NR (CP-CPDM, 100% RB, 20 MHz, CPSK, 15 MHz) SG NR FRI TDD S.45 49.8 10780 AAE SG NR (CP-CPDM, 100% RB, 30 MHz, CPSK, 15 MHz) SG NR FRI TDD S.47 49.8 10780 AAE SG NR (CP-CPDM, 100% RB, 30 MHz, CPSK, 15 MHz) SG NR FRI TDD S.47 49.8 10780 AAE SG NR (CP-CPDM, 10 RB, 30 MHz, CPSK, 15 MHz) SG NR FRI TDD 7.83 49.8 10780 AAE SG NR (CP-CPDM, 1 RB, 50 MHz, CPSK, 30 MHz) SG NR FRI TDD 7.83 49.8 10780 AAE SG NR (CP-CPDM, 1 RB, 50 MHz, CPSK, 30 MHz) SG NR FRI TDD 7.83 49.8 10780 AAE SG NR (CP-CPDM, 1 RB, 50 MHz, CPSK, 30 MHz) SG NR FRI TDD 7.84 49.8 10780 AAE SG		AAE		5G NR FR1 TDD	8.30	±9.6
10778 AAE SG NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.42 49.8 10780 AAE SG NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.42 49.8 10781 AAF SG NR (CP-OFDM, 50% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD S.38 49.8 10781 AAF SG NR (CP-OFDM, 50% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD S.38 49.8 10782 AAF SG NR (CP-OFDM, 50% RB, 50MHz, QPSK, 15kHz) SG NR FRI TDD S.38 49.8 10783 AAG SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FRI TDD S.31 49.8 10784 AAE SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FRI TDD S.31 49.8 10785 AAG SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FRI TDD S.31 49.8 10786 AAE SG NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz) SG NR FRI TDD S.40 49.8 10786 AAE SG NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD S.40 49.8 10786 AAE SG NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD S.40 49.8 10786 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD S.41 49.8 10786 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD S.42 49.8 10786 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD S.39 49.8 10786 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD S.39 49.8 10786 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD S.39 49.8 10787 AAG SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz) SG NR FRI TDD S.39 49.8 10789 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz) SG NR FRI TDD S.39 49.8 10789 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz) SG NR FRI TDD 7.83 49.8 10789 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz) SG NR FRI TDD 7.84 49.8 10789 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz) SG NR FRI TDD 7.84 49.8 10789 AAE SG NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz) SG NR FRI TDD 7.84 49.8 107		AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10780 AAE SG NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.38 49.6 10782 AAF SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.31 49.6 10783 AAG SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.43 49.6 10783 AAG SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.43 49.6 10784 AAE SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.29 49.8 10785 AAD SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.40 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.40 49.6 10787 AAD SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.41 49.6 10788 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.42 49.6 10788 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.37 49.6 10789 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.39 49.8 10790 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.37 49.6 10791 AAG SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.37 49.6 10792 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.39 49.8 10793 AAD SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.6 10794 AAE SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.6 10795 AAD SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.6 10796 AAE SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.6 10796 AAE SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.6 10799 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.82 49.6 10799 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.84 49.6 10799 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 MHz) SG NR FR1 TDD		AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.5
10781 AAF SG NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) SG NR FRI TDD S.38 49.6 10783 AAG SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FRI TDD S.31 49.5 10784 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FRI TDD S.29 49.6 10785 AAG SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) SG NR FRI TDD S.29 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) SG NR FRI TDD S.40 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) SG NR FRI TDD S.40 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FRI TDD S.35 49.6 10787 AAD SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FRI TDD S.39 49.6 10788 AAF SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FRI TDD S.39 49.6 10789 AAF SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FRI TDD S.39 49.6 10789 AAF SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) SG NR FRI TDD S.39 49.8 10790 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FRI TDD S.39 49.8 10791 AAG SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FRI TDD S.39 49.8 10792 AAE SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.92 49.6 10793 AAD SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.92 49.6 10794 AAE SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.92 49.6 10795 AAE SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.92 49.6 10796 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.92 49.6 10797 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.93 49.6 10798 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.93 49.6 10799 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.93 49.6 10799 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FRI TDD 7.93	10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10781 AAF SG NR (CP-OFDM, 50% RB, 40 MHz, OPSK, 15 kHz) SG NR FR1 TDD S.38 49.6 10783 AAG SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.31 49.5 10784 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.29 49.6 10785 AAG SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.29 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.29 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.35 49.8 10787 AAD SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.35 49.8 10787 AAD SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.39 49.8 10788 AAF SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.39 49.8 10789 AAF SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.39 49.8 10780 AAF SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.39 49.8 10790 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD S.39 49.8 10791 AAG SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FR1 TDD S.39 49.8 10792 AAE SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 49.8 10793 AAD SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 49.8 10794 AAE SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 49.8 10795 AAE SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 49.8 10796 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 49.8 10797 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 49.8 10798 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 49.8 10799 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 49.8 10799 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93	10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.5
10783 AAG BG NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz) SG NR FRI TDD 8.31 49.6 10784 AAE SG NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15kHz) SG NR FRI TDD 8.49 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz) SG NR FRI TDD 8.40 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.45 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.45 49.6 10786 AAE SG NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 49.6 10788 AAF SG NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 49.6 10789 AAF SG NR (CP-OFDM, 100% RB, 40MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 49.6 10780 AAF SG NR (CP-OFDM, 100% RB, 40MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 49.6 10780 AAE SG NR (CP-OFDM, 100% RB, 40MHz, QPSK, 15kHz) SG NR FRI TDD 8.39 49.6 10790 AAE SG NR (CP-OFDM, 100% RB, 50MHz, QPSK, 30kHz) SG NR FRI TDD 7.83 49.6 10792 AAE SG NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz) SG NR FRI TDD 7.82 49.6 10793 AAD SG NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz) SG NR FRI TDD 7.92 49.6 10794 AAE SG NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz) SG NR FRI TDD 7.92 49.6 10795 AAE SG NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz) SG NR FRI TDD 7.92 49.6 10796 AAE SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30kHz) SG NR FRI TDD 7.92 49.6 10797 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30kHz) SG NR FRI TDD 7.82 49.6 10797 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30kHz) SG NR FRI TDD 7.82 49.6 10797 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30kHz) SG NR FRI TDD 7.89 49.6 10797 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30kHz) SG NR FRI TDD 7.89 49.6 10797 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30kHz) SG NR FRI TDD 7.89 49.6 10798 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30kHz) SG NR FRI TDD 7.89 49.6 10798 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30kHz) SG NR FRI	10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10784 AAE SG NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10785 AAD SG NR (CP-OFDM, 100% RB, 15 MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.40 ±9.6 10786 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.44 ±9.6 10787 AAD SG NR (CP-OFDM, 100% RB, 25 MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.44 ±9.6 10788 AAE SG NR (CP-OFDM, 100% RB, 30 MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.39 ±9.6 10789 AAF SG NR (CP-OFDM, 100% RB, 30 MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.39 ±9.6 10789 AAF SG NR (CP-OFDM, 100% RB, 40 MHz, OPSK, 15 kHz) SG NR FR1 TDD 7.83 ±9.6 10790 AAE SG NR (CP-OFDM, 17 RB, 50 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.83 ±9.6 10791 AAG SG NR (CP-OFDM, 17 RB, 15 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.83 ±9.6 10792 AAE SG NR (CP-OFDM, 17 RB, 15 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.95 ±9.6 10793 AAD SG NR (CP-OFDM, 17 RB, 25 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.6 10794 AAE SG NR (CP-OFDM, 17 RB, 25 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.6 10795 AAD SG NR (CP-OFDM, 17 RB, 25 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.6 10796 AAE SG NR (CP-OFDM, 17 RB, 25 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.6 10797 AAF SG NR (CP-OFDM, 17 RB, 30 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.6 10798 AAE SG NR (CP-OFDM, 17 RB, 30 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.6 10799 AAF SG NR (CP-OFDM, 17 RB, 30 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.6 10799 AAF SG NR (CP-OFDM, 17 RB, 30 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10799 AAF SG NR (CP-OFDM, 17 RB, 30 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10803 AAF SG NR (CP-OFDM, 17 RB, 30 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10804 AAF SG NR (CP-OFDM, 17 RB, 30 MHz, OPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10805 AAF SG NR (CP-OFDM, 17 RB, 30 MHz, OPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10806 AAF SG NR (CP-OFDM, 17 RB, 30 MHz, OPSK, 30 kHz) SG NR FR1 TDD 8.	10783	AAG	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
10786 AAE SG NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) SG NR FR1 TDD 8.35 ±9.6	10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.29	±9.6
10786 AAE SG NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 MHz) SG NR FR1 TDD 8.35 49.6 10787 AAD SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 MHz) SG NR FR1 TDD 8.44 49.6 10788 AAF SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 MHz) SG NR FR1 TDD 8.39 49.8 10789 AAF SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 MHz) SG NR FR1 TDD 8.37 49.6 10790 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 MHz) SG NR FR1 TDD 8.39 49.8 10791 AAG SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.83 49.6 10792 AAE SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.8 10793 AAD SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.8 10794 AAE SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.8 10795 AAD SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.8 10796 AAE SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.92 49.8 10797 AAF SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.84 49.6 10798 AAE SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.82 49.8 10799 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.82 49.8 10799 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.82 49.8 10799 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.89 49.8 10799 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.89 49.8 10800 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.89 49.8 10801 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.89 49.8 10802 AAE SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 7.89 49.8 10803 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 3.34 49.8 10804 AAE SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 MHz) SG NR FR1 TDD 3.34 49.8		CAA		5G NR FR1 TDD	8.40	
10787 AAD 5G NR (CP-OFDM, 100%, RB, 25MHz, CPSK, 15kHz) 5G NR FRI TDD 8.44 ±9.6 10788 AAE 5G NR (CP-OFDM, 100%, RB, 30MHz, CPSK, 15kHz) 5G NR FRI TDD 8.39 ±9.8 10790 AAE 5G NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 15kHz) 5G NR FRI TDD 8.39 ±9.8 10791 AAG 5G NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 15kHz) 5G NR FRI TDD 8.39 ±9.8 10791 AAG 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.83 ±9.6 10792 AAE 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.92 ±9.8 10793 AAD 5G NR (CP-OFDM, 1 RB, 10MHz, CPSK, 30kHz) 5G NR FRI TDD 7.95 ±9.6 10794 AAE 5G NR (CP-OFDM, 1 RB, 25MHz, CPSK, 30kHz) 5G NR FRI TDD 7.95 ±9.6 10795 AAE 5G NR (CP-OFDM, 1 RB, 25MHz, CPSK, 30kHz) 5G NR FRI TDD 7.82 ±9.8 10796 AAE 5G NR (CP-OFDM, 1 RB, 25MHz, CPSK, 30kHz) 5G NR FRI TDD 7.82 ±9.8 10797 AAF 5G NR (CP-OFDM, 1 RB, 30MHz, CPSK, 30kHz) 5G NR FRI TDD 7.82 ±9.8 10798 AAE 5G NR (CP-OFDM, 1 RB, 40MHz, CPSK, 30kHz) 5G NR FRI TDD 7.82 ±9.8 10799 AAF 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.89 ±9.8 10799 AAF 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.99 ±9.8 10799 AAF 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.99 ±9.8 10799 AAF 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.99 ±9.8 10800 AAF 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.99 ±9.8 10801 AAF 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.99 ±9.8 10803 AAF 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.93 ±9.8 10804 AAF 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 7.93 ±9.8 10805 AAE 5G NR (CP-OFDM, 1 RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 8.34 ±9.8 10809 AAE 5G NR (CP-OFDM, 50% RB, 50MHz, CPSK, 30kHz) 5G NR FRI TDD 8.35 ±9.8 10809 AAE 5G NR (CP-OFDM, 50% RB, 50MHz, C	10786	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	
10788 AAE 5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FRI TDD 8.39 ±9.6	10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 YDD	8.44	
10789 AAF SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.37 ±9.6 10790 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 7.83 ±9.6 10791 AAD SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.8 10792 AAE SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.8 10793 AAD SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.8 10793 AAD SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.8 10795 AAE SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8 10795 AAE SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.84 ±9.8 10796 AAE SG NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8 10797 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10798 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10799 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10801 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10802 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10803 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10804 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10805 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10806 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10807 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10808 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10809 AAE SG NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10809 AAE SG NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10801 AA		AAE		5G NR FR1 TDD	8.39	
10790 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.39 ±9.8 ±9.8 10791 AAG SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10793 AAD SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.95 ±9.6 10794 AAE SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.92 ±9.8 10795 AAD SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8 10795 AAD SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8 10795 AAD SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8 10795 AAD SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8 10797 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8 10798 AAE SG NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.8 10802 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.8 10802 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.8 10802 AAE SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.8 10802 AAE SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.8 10802 AAE SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.87 ±9.6 10803 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.87 ±9.6 10803 AAF SG NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.83 ±9.8 10803 AAE SG NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10803 AAF SG NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10803 AAF SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10803 AAF SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10803 AAF SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10803 AAF SG NR (CP-OFDM, 50% RB, 50 MHz,		_				
10792 AAE 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.8 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 7.82 ±9.8 10795 AAD 5G NR (CP-OFDM, 1 RB, 20 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 7.82 ±9.8 10797 AAF 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.8 10797 AAF 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10799 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10801 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10802 AAE 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10803 AAF 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10803 AAF 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10803 AAF 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10804 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10805 AAE 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10806 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10807 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10808 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10818 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10818 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10818 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10824 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8	10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	
10792 AAE 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.8 10793 AAD 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.95 ±9.6 10795 AAE 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.8 10795 AAD 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.84 ±9.6 10795 AAE 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.8 10797 AAF 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.8 10797 AAF 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10799 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10801 AAF 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10802 AAF 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10803 AAF 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10803 AAF 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10803 AAF 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.8 10804 AAF 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.8 10805 AAE 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10806 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10810 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10811 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10812 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.8 10813 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10816 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10824 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6	10791	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10793 AAD 5G NR (CP-OFDM, 1 RB, 25 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 7.82 ±9.8 10795 AAD 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.84 ±9.6 10795 AAE 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.8 10797 AAF 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10798 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10801 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10802 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10803 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAE 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAE 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10805 AAE 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10810 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10810 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10821 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 20	10792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	
10794 AAE SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8 10795 AAD SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.84 ±9.6 10796 AAE SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8 10797 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10798 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10799 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10801 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10802 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.87 ±9.6 10803 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.87 ±9.6 10803 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.87 ±9.6 10803 AAF SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.87 ±9.6 10805 AAE SG NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10806 AAD SG NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.37 ±9.6 10809 AAE SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10812 AAF SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10812 AAF SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10813 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10814 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10815 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.36 ±9.6 10820 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.36 ±9.6 10821 AAD SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10822 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±	10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	
10795 AAD SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.84 ±9.6 10796 AAE SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.6 10797 AAF SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10798 AAE SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10799 AAF SG NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10801 AAF SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10802 AAE SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.87 ±9.6 10803 AAF SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.87 ±9.6 10803 AAF SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.83 ±9.6 10805 AAE SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.8 10806 AAD SG NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.8 10808 AAD SG NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10810 AAF SG NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10811 AAF SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10812 AAF SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10813 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10814 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10822 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10823 AAF SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10824 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.36 ±9.6 10825 AAF SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10825 AAF SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.4	10794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	
10796 AAE SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.82 ±9.8	10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	
10797 AAF 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.01 ±9.6 10798 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10801 AAF 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAE 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAF 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10804 AAE 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAE 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.37 ±9.6 10807 AAF 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10808 AAE 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10809 AAE 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAG 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10820 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10825 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1	10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.82	
10798 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10799 AAF 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10801 AAF 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAE 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAF 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAE 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.37 ±9.6 10809 AAE 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10813 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10814 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10815 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10816 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10820 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAF 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10824 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10825 AAF 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10825 AAF 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR	10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)			
10799 AAF SG NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10801 AAF SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.89 ±9.6 10802 AAE SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.87 ±9.6 10803 AAF SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) SG NR FR1 TDD 7.93 ±9.6 10805 AAE SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10806 AAD SG NR (CP-OFDM, S0% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.37 ±9.6 10809 AAE SG NR (CP-OFDM, S0% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10810 AAF SG NR (CP-OFDM, S0% RB, 40 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10812 AAF SG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10817 AAG SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10818 AAE SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10819 AAD SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10820 AAE SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10821 AAD SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.30 ±9.6 10822 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10822 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10822 AAE SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10823 AAF SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10823 AAF SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10823 AAF SG NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10823 AAF SG NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.42 ±9.6 10823 AAF SG NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) SG	10798	AAE		The second secon		
10801 AAF 8G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAE 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAF 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.6 10805 AAE 5G NR (CP-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.37 ±9.6 10809 AAE 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10813 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10814 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10819 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10820 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10824 AAE 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10825 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10826 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10825 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10826 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	10799	AAF				
10802 AAE 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6	10801	AAF		The second secon		
10803 AAF SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	10802	AAE				
10805 AAE 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.37 ±9.6 10809 AAE 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10812 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10817 AAG 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.35 ±9.6 10818 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.34 ±9.5 10819 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.33 ±9.6 10820 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.30 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10823 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.6 10824 AAE 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.5 10825 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.41 ±9.5 10824 AAE 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.42 ±9.6 10825 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.42 ±9.6 10826 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.42 ±9.6 10828 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.42 ±9.6 10828 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 8.42 ±9.6 10829 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30	10803	AAF				2
10806 AAD 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) SG NR FRI TDD 8.37 ±9.6	10805	AAE				
10809 AAE 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.34 ±9.8 10812 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.35 ±9.5 10817 AAG 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAE 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.33 ±9.6 10819 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.33 ±9.6 10820 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.36 ±9.6 10824<	Annual Property and Publishers	AAD		Access to the contract of the		
10810 AAF 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAF 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10813 AAF 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10820 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAE 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10824 AAE 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10825 AAF 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10825 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6 10827 AAF 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK		AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)			
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10827 AAF 5G NR (CP-OFDM, 100% R8, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6			TO A POPULATION OF THE PARTY OF			
	_	_				
	10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
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	±9.5
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	±9.5
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAE	SG NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAE	5G NR (CP-OFDM, 100% FIB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.35	±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10880	AAE	SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.41	±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	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, CPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10:865	AAF	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10886	AAF	5G NR (DFT-6-OFDM, 188, 100 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.68	±9.6
	AAF	8G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10868	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10889	_	5G NR (DFT-8-OFDM, 1 HB, 100 MHz, QFSK, 120 KHz)	5G NR FR2 TDD	5.88	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 18QAM, 120 KHz)	5G NR FR2 TDD	5.75	±9.6
10871	_		5G NR FR2 TDD	6.52	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10873		SG NR (DFT-s-OFDM, 1746, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	6.65	±9.6
10874	AAE	5G NR (CP-OFDM, 100% RB, 100 MRz, 64GAM, 120 KRz)	5G NR FR2 TDD	7.78	±9.6
	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDO	8.39	±9.6
10876	AAE	5G NR (CP-OFDM, 100% HB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10877	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, 100% NB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	8.38	19.6
10881	AAE			5.75	
10882	AAE	5G NR (DFT-e-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
_	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 15QAM, 120 kHz)	5G NR FR2 TDD		±9.6
10883	AAE		A STATE OF THE PARTY OF THE PAR	6.57	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD		±9.6
		A STATE OF THE PARTY OF THE PAR	5G NR FR2 TDD	6.61	±9.6
10886 10887	AAE	5G NR (DFT-8-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz) 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.65 7.78	±9.6
10888	AAE	5G NR (CP-OFDM, 1995, 50 MHz, CPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 100% MB, 50 MHz, GPSK, 120 KHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 1995, 50 MHz, 18QAM, 120 MHz)	5G NR FR2 TDD		±9.6
10891	AAE		5G NR FR2 TDD	8.40	±9.6
10891	AAE	SG NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	The second secon	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TOD	8.41	±9.6
		SG 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 (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10899	AAB		5G NR FR1 TDD	5.67	±9.6
10900	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAC	The state of the s	5G NR FR1 TDD	5.68	±9.6
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAD	5G NR (DFT-e-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
40.000		5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10908	AAC	THE LOW COURSE OF THE PARTY OF			
10908 10909 10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TOD 5G NR FR1 TOD	5.96 5.83	±9.6 ±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k ± 2
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10914		5G NR (DFT-8-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	19.6
10915	AAD		5G NR FR1 TDD	5.87	±9.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)		5.94	
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	-	±9.6
10918	AAE	5G NR (DFT-e-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	SG 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% R8, 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	19.6
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, 80 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 TD0	5.94	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.52	±9.6
10929	CAA	5G NR (DFT-8-OFDM, 1 RB, 10 MHz, QPSK, 15kHz)	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, 15kHz)	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, 15kHz)	5G NR FR1 FDD	5.51	±9.6
10936	AAD	5G NR (DFT-s-OFDM, 50% RB, 5MHz, 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, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	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	
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, 5MHz, QPSK, 15kHz)			±9.6
10945	AAD	The state of the s	5G NR FR1 FDD	5.81	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
THE REAL PROPERTY.		5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	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, 25MHz, QPSK, 15kHz)	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	SG NR (DFT-9-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951	CAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.92	±9.6
10952	AAA	SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
10957	AAA	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	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-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	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.55	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	56 NR FR1 TDD	9.49	±9.6
10972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BOR	ULLA		
10979	AAA	ULLA HDR4		1.18	±9.6
10980	AAA	ULLA HDR8	ULLA	8.58	±9.6
10981	AAA	ULLA HDRp4	ULLA	10.32	±9.6
ALTO TAKE THE PARTY.	AAA	ULLA HDRp8	ULLA	3.19	±9.6
10982			ULLA	3.43	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unch k = 2
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FRI TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-QFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	#9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11 003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.5
11013	AAB	IEEE 802,11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8,44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.8
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802,11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

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

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Calibration Laboratory of Schmid & Partner Engineering AG





S Schweizerlscher Kalibrierdienst Service suisse d'étalonnage C

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Accreditation No.: SCS 0108

Zeughausstrasse 43, 8004 Zurich, Switzerland

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Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-3797_Jan24

CALIBRATION C	31	7/2/2	R	
Object	EX3DV4 - SN:3797	100	co. 18+18	2024.02.01
Calibration procedure(s)	QA CAL-01.v10, QA CAL- QA CAL-25.v8 Calibration procedure for o			CAL-23.v6,
Calibration date	January 23, 2024			
	currents the traceability to national stand uncertainties with confidence probability			
All calibrations have been co	nducted in the closed laboratory facility:	environment ter	nperature (22±3) ℃ ar	nd humidity < 70%.
Calibration Equipment used	M&TE critical for calibration)			

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sengor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016 Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe EX3DV4	SN: 7349	03-Nov-23 (No. EX3-7349 Nov23)	Nov-24

Secondary Standards	ID.	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	08-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by	Joanna Lleshaj	Laboratory Technician	Applesty
Approved by	Sven Kühn	Technical Manager	SA
		full without written approval of the lab	Issued: January 23, 2024

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kallbrierdienst

Service suisse d'étalonnage C Servizio svizzero di taratura

Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossary

TSL NORMx,y,z ConvF

tissue simulating liquid sensitivity in free space sensitivity in TSL / NORMx,y,z

DCP CE

diode compression point crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters

A. B. C. D Polarization @

φ rotation around probe axis

Polarization 0

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

normal to probe axis

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E2-field uncertainty inside TSL (see below ConvF)
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- · Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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EX3DV4 - SN:3797

Parameters of Probe: EX3DV4 - SN:3797

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) ²) A	0.60	0.58	0.56	±10.1%
DCP (mV) B	99.3	99.0	99.5	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		dB	$dB\sqrt{\mu V}$	С	D dB	WR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	129.4	±0.8%	±4.7%
	SPXA.	Y	0.00	0.00	1.00		133.4		
		2	0.00	0.00	1.00		122.9	100000000000000000000000000000000000000	
10352	Pulse Waveform (200Hz, 10%)	X	88.00	112.00	27.00	10.00	60.0	±2.9%	±9.6%
	25	Y	20.00	90.92	20.51		60.0		
		Z	20.00	92.76	21.67		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	96.23	22.63	6.99 80.0	80.0	±1.4%	±9.6%
	Massessiese est in Material Information	Y	20.00	92.59	20.36		80.0		
		Z	20.00	94.96	21.62	iiii	80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	102.39	24.26	3.98	95.0	±1.0%	±9.6%
		Y	20.00	97.56	21.57	V. S-0100	95.0		F. 100000100
		Z	20.00	99.62	22.45	i	95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	111.86	27.29	2.22	120.0	±0.9%	±9.6%
10000		Y	20.00	105.57	24.10		120.0		
		2	20.00	104.66	23.37		120.0		
10387	QPSK Waveform, 1 MHz	X	1.80	67.25	15.78	1.00	150.0	±2.4%	±9.6%
0.000		V	1.79	67.42	15.79		150.0		
		7	1.62	65.69	14.59		150.0		
10388	QPSK Waveform, 10 MHz	X	2.41	69.27	16.50	0.00	150.0	±0.9%	±9.6%
113555	The state of the s	Y	2.39	69.18	16.49	2000/10/20	150.0	500000000000000000000000000000000000000	Strategy.
		Z	2.16	67.40	15.36		150.0	il.	
10396	64-QAM Waveform, 100 kHz	X	2.99	70.45	19.02	3.01	150.0	±0.8%	±9.6%
		Y	2.64	68.79	18.32		150.0		
		Z	2.71	68.89	18:07		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.65	67.76	16.21	0.00	150.0	±1.1%	±9.6%
150000	PRODUCTION NOT WANTED	Y	3.65	67.71	16.21		150.0	- 11	
		Z	3.51	66.98	15.67		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.82	65.42	15.52	0.00	150.0	±2.5%	±9.6%
No. of London	Southwester and the transfer of the transfer o	Y	4.81	65.43	15.54	10000	150.0	17-1000	-0.50000
		Z	4.89	65.71	15.57	1	150.0		

Note: For details on UID parameters see Appendix

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

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

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



EX3DV4 - SN:3797

January 23, 2024

Parameters of Probe: EX3DV4 - SN:3797

Sensor Model Parameters

	C1 fF	C2 fF	ν-1	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V-2	T5 V-1	T6
X	46.9	352.12	35.93	15.92	0.18	5.10	0.43	0.41	1.01
y	44.2	333.29	36.23	16.35	0.00	5.08	0.17	0.36	1.01
Z	44.2	333.83	36.22	13.45	0.11	5.10	0.50	0.36	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	67.1*
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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



Parameters of Probe: EX3DV4 - SN:3797

Calibration Parameter Determined in Head Tissue Simulating Media

1 (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
150	52.3	0.76	11.02	11.02	11.02	0.00	1.25	±13.3%
450	43.5	0.87	10.53	10.53	10.53	0.16	1.30	±13.3%
750	41.9	0.89	9.34	8.84	8.75	0.41	1.27	±12.0%
835	41.5	0.90	88.8	8.59	8.40	0.40	1.27	±12.0%
900	41.5	0.97	8.64	8.35	8.53	0.39	1.27	±12.0%
1450	40.5	1,20	8.26	7.90	7.86	0.53	1.27	±12.0%
1750	40.1	1.37	8.17	7.77	7.85	0.29	1.27	±12.0%
1900	40.0	1.40	7.84	7.51	7.51	0.30	1.27	±12.0%
2300	39.5	1.67	7.49	7.24	7.21	0.32	1.27	±12.0%
2450	39.2	1.80	7.41	7.17	7.14	0.31	1.27	±12.0%
2600	39.0	1.96	7.34	7.07	7.07	0.31	1.27	±12.0%
4400	36.9	3.84	6.33	6.16	6.21	0.38	1.27	±14.0%
4600	36.7	4.04	6.21	6.02	6.07	0.39	1.27	±14.0%
4800	36.4	4.25	6.15	5.98	6.03	0.38	1.27	±14.09
4950	36.3	4.40	5.93	5.73	5.79	0.43	1.36	±14.09

C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

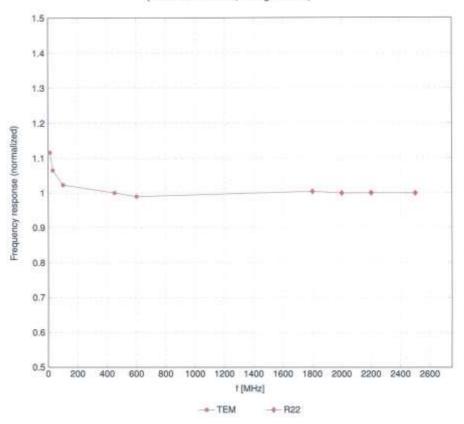
The probes are calibrated using tissue simulating liquids (TSL) that deviations for can do y less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties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

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



Frequency Response of E-Field

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



Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ (k=2)

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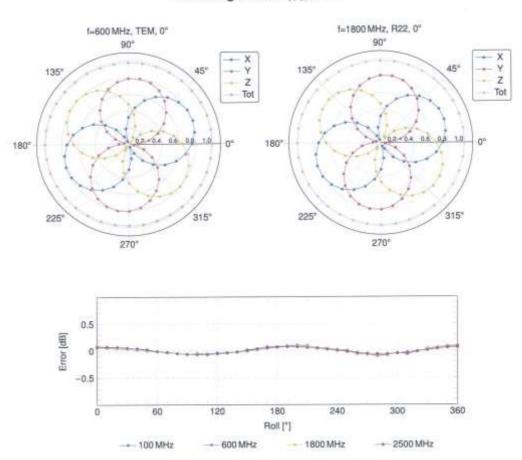
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January 23, 2024

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



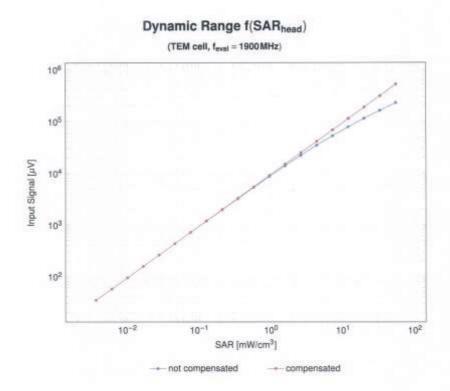
Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

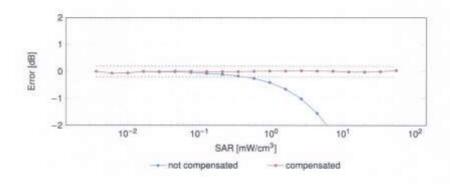
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Uncertainty of Linearity Assessment: ±0.6% (k=2)

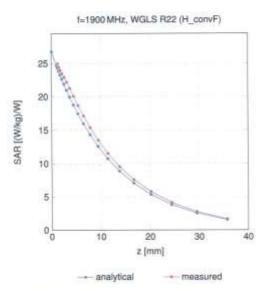
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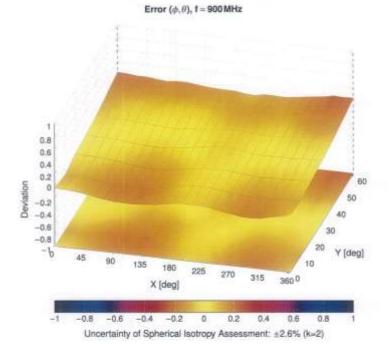
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Conversion Factor Assessment



Deviation from Isotropy in Liquid



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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E K = 2
0	1000	CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	19.6
10013	CAB	EEE 802.11g WIFI 2.4 GHz (DSSS-OFOM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	19.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.58	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, BPSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	19.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	19.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	19.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DHS)	Bluetooth	1.16	19.6
10033	CAA	IEEE 802 15.1 Bluetooth (PV4-DQPSK, DH1)	Bluetooth	7.74	19.6
10034	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH3)	Bluetooth	4.53	19.6
10035	CAA	IEEE 802.15.1 Bluetpoth (PV4-DQPSK, DH5)		3.83	19.6
description make in	CAA		Bluetooth		111,000,000
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	and the same of the same of	IEEE 802 15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	GDMA2000 (1xRTT, RC1)	CDMA2000	4,57	±9.6
10042	CAB	IS-54 / IS-136 FDO (TOMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.fi
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Stot, 12)	DECT	10.79	19.6±
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mops)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802 11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.83	±9.6
10064	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFOM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802 11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	19.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10062	CAB	IS-54 / IS-136 FDO (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.86	19.6
10097	CAC	UMTS-FDD (HSDFA)	WCDMA	3.98	19.6
10098	CAC	UMTS-FDO (HSUPA, Subtest 2)	WCDMA	3.98	19.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.56	19.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	19.6
0101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	
0102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.60	19.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK)	The state of the s		19.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-TOD	9.29	±9.6
10105	and the same		LTE-TOD	9.97	±9.6
	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TOD	10.01	±9.6
10108	200	LTE-FD0 (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
0110	CAH	LTE-FDD (SC-FDMA, 190% R8, 5MHz, QPSK)	LTE-FDD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Uno" k = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.62	±9.5
0114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, 8PSK)	WLAN	8.10	±9.6
0115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
0116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
0117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
0118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
0119	CAE	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
0140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-FDD	6.49	±9.6
0141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.53	±9.6
0142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-FDD	5.73	±9.6
0143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-FDD	6.35	±9.6
0144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
0146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FD0	6.41	19.6
0147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 84-QAM)	LTE-FDD	6.72	±9.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9,6
0150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
0151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TOD	9.28	±9.6
0152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOD	9.92	±9.8
0150	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.05	±9.6
0154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
0156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDO	6.49	±9.6
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDO	6.62	±9.6
0159	CAH	LTE-FDO (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.56	±9.6
0160	CAF	LTE-FDO (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FD0	5.82	±9.6
0161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
0162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-F00	6.58	±9.6
0166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FOD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1,4MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-FOD	6.79	#9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TOD	9.21	±9.6
0173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TOD	9.48	±9:6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5,72	±9.6
0176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5,73 6,52	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-GAM)	LTE-FDD	6.50	±9.6
0179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64 QAM)		6.50	-
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-F00		±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	6.52 6.52	±9.6
0182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FD0	6.52	19.6
10183	CAF	LTE-FOD (SC-FOMA, 1 RB, 15MHz, 64-QAM)	LTE-FOD	5.73	±9.6
0.184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-FOD	6.51	±9.6
10185	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FOD	8.50	±9.6
0186	-	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	5.73	±9.6
0187	1177 1000	LTE-FOD (SC-FOMA, 1 RB, 1.4 MHz, GPSK) LTE-FOD (SC-FOMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10188	100000	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.50	±9.6
0189	-	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
-	-	IEEE 802.11n (HT Greenfield, 0.5 Mbps, 16-QAM)	WLAN	8.12	#9.6
0194	-	IEEE 802.11n (HT Greenfield, 85 Mbps, 64-QAM)	WLAN	8.21	±9.6
0196	CAE	EEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
0196	III (Armicenton	EEE 802.11n (H1 Mixed, 9.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
0198	-	The state of the s	WLAN	8.27	±9.6
10219	-	EEE 802.11r (HT Mixed, 05 Maps, 64-Q44)	WLAN	8.03	±9.6
0220		IEEE 802.11n (HT Mixed, 7.2 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-GAM)	WLAN	8.27	19.6
10222		IEEE 802 TIn (HT Mixed, 722 Mbps, BPSK)	WLAN	8.06	±9.6
10223		IEEE 802.11n (HT Mixed, 15 Maps, 67 GN)	WLAN	8.48	±9.6
· weed	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8,08	±9.6

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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TOD (SC-FOMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.49	±9.6
0227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
0228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
0229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-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 R8, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	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-TDO	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TD0	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TOD	9.21	±9.6
10241	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAM)	LTE-TDD	9.88	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1:4MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	±9,6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-TDO	9.30	±9,6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-TDD	10.09	19.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDO	9.29	±9.6
10290	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TOD	9.81	19.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TOD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-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, 15MHz, QPSK)	LTE-TDD	9.20	±9.6
10.256	CAC	LTE-TDD (SC-FDMA, 100% R8, 1.4MHz, 16-QAM)	LTE-TOD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TOD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 84-QAM)	LTE-TOD	9.97	19.5
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TD0	9.24	19.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TOD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TOO	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TOD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TOD	9.92	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.06	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TOO	10.13	±9.6
10270	CAG	LYE-TOD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TOD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.10)	MCDWV	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	موتمنين تصديقه	PHS (QPSK)	PHS	11.81	±9.6
10278	-	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279		PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AND RESIDENCE PROPERTY.	COMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.0
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9,6
10/292	BAA	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297		LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	-	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDO (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	±9.8
10302	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.67	±9.6
10303	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	12.52	19.5
10304	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	±9.6
10305	AAA		WMAX	15.24	±9.6
10306	AAA	IEEE 802.16a WMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WMAX	14.67	±9.6

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10307	AAA	IEEE 802.16e WIMAX (28:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WMAX	14.49	±9.6
0308	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	XAMIW	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)	WMAX	14,57	±9.6
0311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
0313	AAA	DEN 1:3	IDEN	10.51	±9.6
10314	AAA	IDEN 1:6	IDEN	13.48	±9.6
10315	BAA	IEEE 802,11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
0316	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 95pc 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
0353	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 Wavetorm (200Hz, 80%)	Generic	0.97	19.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.5
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Wavelorm, 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
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, 84-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.78	19.8
10404	BAA	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Pate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UI. Subframe=2,3,4,7,8,9, Subframe Cont=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11p WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 98pc duty cycle)	WLAN	8.23	19.6
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preembule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mops, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802 11n (HT Greenfield, 43.3 Mbps, 18-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802 11n (HT Greenfield, 72 2 Mbps, 54-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802 11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10425	AAD	IEEE 802,11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 54-QAM)	WLAN	8,41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-COMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK; UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Clping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAD	IEEE 802.11ac WFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB		WCDMA	6.62	±9.6
10458	AAA	UMTS-FDD (DC-HSDRA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	8.25	19.6
	AAB	The state of the s	WCDMA	2.39	19.6
10460	and the state of the state of	UMTS-FDD (WCDMA, AMR)	LTE-TDD	7.82	19.6
minimum (mil/w	AAC	LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	and the second second second	8.30	19.6
10462	-	LTE-TDO (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOO		
10463		LTE-TDO (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOO	8.56	±9.6
10464	A STATE OF THE PARTY AND THE P	LTE-TDO (SC-FDMA, 1 RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	19.6
10.465	-	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.32	±9.6
10466	-	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10467	-	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10468	-	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10469		LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
State Section 1997	AAG	LTE-TDD (SC-FDMA, 1 RR, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6

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10472	AAG.	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10473	AAF	LTE-TOD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
0474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
0475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
0477	AAG	LTE-TOO (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
0478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.67	±9.6
0479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
0480	AAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, LIL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
0481	AAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	±9.6
0.482	AAD	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.71	±9.6
0483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
0484	CAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
0485	AAG:	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
0.486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
0487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2.3.4.7,8,9)	LTE-TDD	8.60	19.6
0.488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDO	7.70	19.6
0.489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subtrame=2.3.4,7.8,9)	LTE-TD0	B.31	19.6
0490	AAG.	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3.4,7.8,9)	LTE-TDD	8.54	19.6
0491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
0492	AAF	LTE-TDO (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.41	±9.6
0493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.55	±9,6
0494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframs=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
0.495	AAG	(TE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.37	±9.6
0496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
0497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, LIL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
0498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8.9)	LTE-TDD	8.40	±9.6
0499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.6
0500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.67	±9.6
0501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,44	±9.8
0502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
0503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
0504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
0505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDO	8.54	±9.6
0506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
0507	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
0508	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
0509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	7.99	19.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9:8
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.42	±9.0
10514	AAG	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	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 WiFl 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
0520	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
0521	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
0.522	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0523	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	5.08	±9.6
10524	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
0525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 98pc duty cycle)	WLAN	8.36	±9.6
0526	AAD	IEEE 802.11ac WFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
0527	AAD	IEEE 802.11ac WFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
0528	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	#9.6
0529	and the ball of the last of th	IEEE 802.11ac WF (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
0531	AAD	IEEE 802.11ac WFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
0532	-	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9,6
0533	and the second second	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8:38	±9.6
10534	and the second second	IEEE B02.11ac WIFI (40 MHz, MCS0, 99pc duty cycle)	WLAN	8,45	±9.6
10535	AAD	IEEE 802.11ac WIFI (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	_	IEEE 802.11ac WiFi (40 MHz, MC\$2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAD	IEEE 802.11ac WiFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538		IEEE 802.11ac WiFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10540	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.39	±9.8

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAD	IEEE 802.11ac WiFi (48 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
0543	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
0544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
0545	AAD	IEEE 802.11ac WIFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0546	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
0547	AAD	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
0548	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
0552	AAD	IEEE 802.11ac WFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
0553	AAD	IEEE 802.11ac WIFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
0555	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
0556	AAE	IEEE 802 11ac WIFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
0557	AAE	IEEE 802 11ac WIFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
0558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 98pc duty cycle)	WLAN	8.61	±9.8
0560	AAE	IEEE 802 11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	IEEE 802 11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAE	IEEE 802,11ac WiFi (160 MHz, MCS8, 98pc duty cycle)	WLAN	8.69	±9.8
0563	AAE	IEEE 802.11ac WFF (160 MHz, MCS8, 98pc duly cycle)	WLAN	8.77	±9.6
make an extension	AAA	IEEE 802.11ac WIFI (190 MHz, McSa, 99pc duty cycle)	WLAN	8.25	±9.6
0564	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
0566	27.7	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 16 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
0567	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
0568	AAA		WLAN	8.10	±9.6
0569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
0570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	1,99	±9.6
0571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)		1,99	±9.6
0572	AAA	IEEE 802.11b WiFl 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN		
0573	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802,11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	19.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8,49	±9.6
10579	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAD	IEEE 802.11a/h WIF: 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAD	IEEE 802.11a/h WIFI 6 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10588	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	5.36	±9.6
10588	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±8.8
10591	CLAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	CAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0593	AAD	IEEE 802,11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
0.595	AAE)	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
0598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duly cycle)	WLAN	8.71	±9.8
0.597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.
0.598	CAA	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8,50	±9.6
0599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
0600	AAD	IEEE 802,11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
0.605	CAA	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.8
0604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10005	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCSB, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAD	IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.84	±9.6
10608	AAD	IEEE 802.11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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UID R	ev Communication System Name	Group	PAR (dB)	Unc ^H k =
10609 A	AD IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610 A	AD IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
0611 A	AD IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0612 A	AD IEEE 802.11ac WiFI (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0613 A	AD IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.94	±9.6
0814 A	AD IEEE 802.11ac WiFI (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
0615 A	AD IEEE 802.11ac WiFi (20 MHz, MC58, 90pc duty cycle)	WLAN	8.82	±9.6
0616 A	AD IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
0617 A	AD IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
0618 A	AD IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
0619 A	AD IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
0620 A	AD IEEE 802.11ac WiFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
0621 A	AD IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0622 A	AD IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
0623 A	AD IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0824 A	AD IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.8
0625 A	AD IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
0626 A	AD IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0627 A	AD EEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0628 A	AD IEEE 802.11ac WiFi (88 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
0829 A	AD IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	19.6
Control of the Control	AD IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8,72	±9.6
0631 A	AD IEEE 802.11ac WiFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
0632 A	AD IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633 A	AD IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
0634 A	AD IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635 A	AD IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636 A	AE IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.0
10637 A	AE IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0638 A	AE IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
	AE IEEE 802.11ac WIFI (150 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.8
10640 A	AE IEEE 802 11ac WIFI (180 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641 A	AE IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.8
10642 A	AE IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.06	±9.6
10643 A	AE IEEE 802.11ac WIFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	8,89	±9.6
10644 A	AE IEEE 802 11ac WiFi (160 MHz, MGS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645 A	AE IEEE 802,11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.11	±9.€
10646 A	AH LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.95	±9.6
10647 A	AG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648 A	AA CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652 A	AF LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653 A	AF LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.42	±9.6
10654 A	AE LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	19.6
10655 A	AF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7,21	±9.6
10658 A	AB Pulse Waveform (200Hz, 10%)	Test	10.00	+9.0
10659 A	AB Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10860 A	AB Pulse Waveform (200Hz, 40%)	Test	3.98	±9.8
10661 A	AB Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
0662 A	AB Pulse Waveform (200Hz, 90%)	Test	0.97	±9.8
0670 A	AA Bluetooth Low Energy	Bluetooth	2.19	±9.0
10671 A	AC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	19.
10672 A	AC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673 A	AC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.0
	AC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.
10675 A	AC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.0
10676 A	AC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.
0677 A	AC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±93
0678 A	AC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.8
10679 A	AC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.0
10680 A	AC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.0
AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUM	AG IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
	AC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	19.6
10683 A	AC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
state for the state of the stat	AC IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
and the second second	AC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.0
10686 A	MC (EEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

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0687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	19.6
0688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
0889	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
0690	AAC	IEEE 802 11ex (20 MHz, MCS7, 99pc duty cycle)	WLAN	6.29	±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
0663	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
and the latest devices the lates	AAC	IEEE 802 11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
0695	AAC	IEEE 802 11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
0696	and the latest terminal to the	IEEE 902 11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.61	±9.6
0697	AAC	The Control of the Co	WLAN	8.89	±9.6
0698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.82	19.6
0699	AAC	(EEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.73	±9.6
0700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)		8.86	±9.6
0701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN		
0702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WEAN	8.56	±9.6
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WEAN	8.68	±9.6
0706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
0707	AAC	IEEE 802,11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.0
0708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
0710	AAC	IEEE 802 11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
0711	AAC	IEEE 802 11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
0712	AAC	IEEE 802 11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
0713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
0714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
0715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
0716	AAC	IEEE 802,11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
0717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
0718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
choole point house	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	19.6
0719	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
0720			WLAN	8.76	19.6
0721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.55	±9.6
0722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.70	19.6
0723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)		8.90	±9.6
0724	AAC	IEEE 802.11ax (80 MHz, MCSS, 90pc duty cycle)	WLAN		
0725	AAG	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0726	AAG	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
0727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
0728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
0729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
0730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
0731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
0733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
0734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
0736	AAC	IEEE 802.11ax (80 MHz, MCSS, 99pc duty cycle)	WLAN	8,27	±9.6
0737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
0738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
0739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
0740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
0741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
0743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
0744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
0745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
0747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
and the same	and the last of th		WLAN	8.93	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	114 1100 1100		
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	19.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	19.6
10751	AAC	IEEE 802.11ax (160 MHz, MCSB, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802 11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

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0753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle)	WLAN	9.00	19.6
0754	AAC	IEEE 802.11gx (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
0755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
0756	AAC	IEEE 802 11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
0767	AAC	IEEE 802 11ax (160 MHz, MCS2, 96pc duty cycle)	WLAN	8.77	±9.6
0.758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
0.759	AAC	IEEE 802,11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
0760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
0761	AAC	IEEE 802 11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
0762	AAC	IEEE 802.11mx (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
0763	AAC	IEEE 802 11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
0764	AAC	IEEE 802 11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
0765	AAC	IEEE 802 11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
and the best of the last	_	The state of the s	WLAN	8.51	±9.6
0765	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	SQ NR FR1 TDD	7.99	±9.6
0.767	AAG	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TOD	8.01	±9.6
0768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	The state of the s	8.01	-
0769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NA FR1 TDD		±9.6
0770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8.02	±9.6
0771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
0772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
0773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
0774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
0775	AAF	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
0776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
0778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
0779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
0780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 TOD	8.38	±9.6
0781	AAF	5G NR (CP-OFDM, 50% R8, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
0782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.43	±9.6
0783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.31	±9.6
0784	AAE	8G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
0785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.40	±9.6
0788	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	SQ NR FR1 TDD	8.35	±9.6
0787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FRI TDD	8,44	±9.6
0788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
make at any later and	AAF		5G NR FR1 TDD	8.37	±9.6
0789	AAE	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
0790		SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.83	±9.6
0791	AAG	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30kHz)			
0792	AAE	SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
0793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
0794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0795	AAD	SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
0795	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
0798	AAE	SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
0799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
0801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	7.89	±9.6
0802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7,87	±9.6
0803	AAF	SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±8.6
0805	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	19.6
0806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.0
0.809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0812	-	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
	_	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
0818	and the latest tenth of the latest	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	8.34	±9.6
0819	-	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	19.6
0880	_	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
0821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	
	- Contract of the last		- Hardele State Control of the Contr		±9.6
0822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.41	±9.6
0823	-	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
0824	100	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
0825	_	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
0828	AAE	SG NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.

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10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG 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
0832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
0833	AAD	50 NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
0834	AAE	6G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	19.6
10835	AAF	5G NR (CP-OFDM, 1 R8, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
0836	AAE	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.86	19.6
10837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	50 NR FR1 TOD	7.68	±,9,6
10839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.70	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NA FR1 TDD	7.67	19.6
10841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% R8, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	B.34	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	#9.6
10854	AAE	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-QFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 190% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAF	5G.NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAF	5G NR (CP-OFOM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NA FR1 TDD	8.40	±9.6
10863	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz; QPSK, 60 kHz)	50 NR FR1 TDD	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.41	±9.6
10888	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,68	±9.8
10868	AAF	5Q NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10889	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.76	±9.6
10870	AAE	5G NR (DFTs-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, 15QAM, 120 kHz)	5G NR FR2 TDO	6.52	±9.6
10873	AAE	5G NR (DFTs-OFDM, 1 RB, 100MHz, 64QAM, 120kHz)	50 NR FR2 TDO	6.61	±9.6
10874	AAE	56 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
auracina lietura	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	8.39	±9.6
10876	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 18QAM, 120 NHz)	5G NR FR2 TOD	7.95	±9.6
10877	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	8.41	±9.6
10878	The state of the later of the l	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10879	AAE		5G NR FR2 TOD	8.38	±9.6
10880		5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TOD	5.75	±9.6
10881	AAE	5G NR (DFT-4-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	5.96	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	SG NR FR2 TDD	6.57	±9.6
10883	AAE	SG NR (DFT-s-OFDM, 1 RB, 50 MHz, 18QAM, 120 MHz)	5G NR FR2 TDD	6.53	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	6.61	±8.6
10885	AAE	5G NR (DFT+-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10886	AAE	SG NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NA FR2 TOD	8.35	19.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 120 kHz)	5G NR FR2 TDD		±9.6
10899	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD		±9.6
10891	AAE	5G NR (CP-GFDM, 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 FR1 TDD		±9.6
10897	AAE	SG NR (DFT-s-OFDM, 1 RB, 6 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10898	AAC	5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 30KHz)	5G NR FR1 TOD		19.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 KHz)	5G NR FR1 TDD		±9.6
10900	_	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FRI TOD		
10901	_	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 KHz)	5G NR FR1 TOD		+9.6
10902	-	50 NR (DFT-8-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)			±9.6
10903	- Andrewskins	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	the second section of the second second	±9.6
10904	-	SG NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		#9.6
10905	_	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10906	material fraction of the contract of the contr	SG NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10907	-	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD		#9.6
10908	-	5G NR (DFT-s-OFDM, 50% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD		±9.6
10909	and the later to t	5G NR (DFT-6-OFDM, 50% RB, 15MHz, QPSK, 30 kHz)	5G NA FR1 TD0		±9.6
10910	AAC	5G NR (DFTs-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 T00	5.83	±9.6

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10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
0912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0913	CAA	5G NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±9.6
0914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NA FA1 TDD	5.85	±9.6
10915	AAD	5G NR (DFT-e-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,83	±9.6
10916	AAD	5G NR (DFTs-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	19.6
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)	50 NR FR1 TDO	5.86	19.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	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-e-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	19.6
a deal production from the second	-		5G NR FRI TOO	5.84	±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-8-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)			
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-e-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	5.84	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.94	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	50 NR (DFT-s-OFDM, 1 RB, 30MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAC	5G NR (DFTs-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FOD	5.51	±9.6
10935	AAD	5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.51	±9.6
10936	AAD	50 NR (DFT-e-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	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 FOD	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
-	10.75		5G NR FR1 FDD	5.82	±9.6
10939	AAC	5G NR (DFT-e-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)		200	the second section of the sect
10940	AAC	5G NR (DFT-s-OFDM, 50% R8, 25 MHz, QPSK, 15 kHz)	SG 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	SG 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	SG NR (DFT's OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NA 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 (DFTs-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 (DFTs-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	19.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10954	AAA.	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	19.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 kHz)	5G NR FR1 FDD	8.14	
10957	AAA				±9.6
the tables of the	and an included in the	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NA 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	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAE	SG 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	±9.0
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11,59	±9.6
10973	AAD	5G NR (DFTs-OFDM, 1 R8, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	19.6
10974	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	
10978	AAA	E CONTRACTOR DE LA CONT			19.6
	-	ULLA BDR	ULLA	1.16	19.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980	AAA	ULLA HDRS	ULLA	10.32	±9.6
10981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

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January 23, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	Unc [®] k = 2
10983	AAC	SG NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9:31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	19.6
10987	AAC	5G NR DL (CP-DFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 84-QAM, 30 kHz)	50 NR FR1 TDD	9.52	19.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 18 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.8
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802 11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802.11be (320 MHz, MCSS, 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, MC58, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802 11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

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

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

S Swiss Calibration Service

Accreditation No.: SCS 0108

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

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7679_Aug24

CALIBRATION C	ERTIFICATE	결	당 당 자	21 21 X
Object	EX3DV4 - SN:7679	7대 작태/설명 일 자	2/1 5h /424 2-24.04.02	CJ / 1005 2014.01.02
Calibration procedure(s)	QA CAL-01.v10, QA CAL- QA CAL-25.v8 Calibration procedure for o			AL-23.v6,
Calibration date	August 22, 2024			
	cuments the traceability to national stand uncertainties with confidence probability			
All calibrations have been co	nducted in the closed laboratory facility:	invironment temp	perature (22±3) ℃ an	d humidity < 70%.
Calibration Equipment used ((M&TE critical for calibration)			

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. DAE4-660_Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7349	03-Jun-24 (No. EX3-7349 Jun24)	Jun-25

Secondary Standards	ID .	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-24)	In house check: Jun-26
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by	Joanna Lieshaj	Laboratory Technician	Heller
Approved by	Sven Kühn	Technical Manager	5-12
		full without written approval of the lab	Issued: August 22, 2024

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

IRIC MRA



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

Accreditation No.: SCS 0108

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

Glossary

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

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

Polarization φ φ rotation around probe axis

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

normal to probe axis

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- . PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
 No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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