UID	Rev	Communication System Name	0	DAD (ID)	I. F
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	Group WLAN	PAR (dB)	Unc ^E $k=2$
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.45	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.29	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.55 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		±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.29 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	300000000	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.78 8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN		±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.86 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	And Control of the Control	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.66 8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±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 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 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, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 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	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
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	±9.6
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	±9.6
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	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773 10774	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAD	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.42	±9.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.37	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92 7.95	±9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82 8.01	±9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6 ±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.07	±9.6
10805	AAD	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	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 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	8.33	±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
40005	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10825					
10825 10827 10828	AAD AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6

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	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830		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	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	10000000000
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)			±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10846	AAD		5G NR FR1 TDD	8.34	±9.6
10854	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
		5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAD	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 TDD	8.35	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)		8.37	±9.6
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR1 TDD	5.89	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100 M RB, 100 M Hz, QPSK, 120 k Hz)	5G NR FR2 TDD	5.75	±9.6
10871	AAE	5G ND (DET a OEDM 1 DD 100 MHz, QPSK, 120 KHz)	5G NR FR2 TDD	5.86	±9.6
10871		5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD		±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	Section and the second section and the sectio	8.38	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10883		5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10886	AAE	5G ND (DET a OEDM 1000) DD 50 NU 000 NU 000 NU	5G NR FR2 TDD	6.61	±9.6
10887	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
		5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)		5.68	±9.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAB	5G ND (DET & CEDM 1 DD COMP CODE COLLEGE	5G NR FR1 TDD	5.68	±9.6
		5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
		·		0.00	19.0

19912 AAB SO NR (DFT=COFEM, 50% RB) ZSEME, CPEK, 309Hz)	UID	Dave	Operation II and the N			
1991 AAB SG NR (DFF=0FM, 590R, 89 ABMHz, CPRS, 598Hz)	100000000000000000000000000000000000000	100000000000000000000000000000000000000		Group	PAR (dB)	Unc ^E $k=2$
1991 AAB SO NR (DEFE-OFDIM, 590-RB, 80MHz, OPSK, 30MHz) SG NR FRI TIDD 5.88 1.99					5.93	±9.6
1991 AAB SO NR (DFE-OFEM, 590-RB, 500-ME), OPSK, 300-ME)	7.75				5.84	±9.6
1991 AAB SO NN (DFF-S-OPEM, 599-RB, 60MHz, OPEN, 50MHz)			FOND (DET - OFFIN 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
1991 AAS SO NR (DFT=-OFM, 50% RB, 90MHz, OPSK, 50MHz)	0.000		FC ND (DET - OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)		5.85	±9.6
1991 AAB SO NR (DFT=OCPM, 507K, RB, 100MHz, OPSK, 50MHz) SO NN FERT TOD 5.94 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 10MHz, OPSK, 30MHz) SO NN FERT TOD 5.86 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 10MHz, OPSK, 30MHz) SO NN FERT TOD 5.87 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 10MHz, OPSK, 30MHz) SO NN FERT TOD 5.87 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 10MHz, OPSK, 30MHz) SO NN FERT TOD 5.87 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 20MHz, OPSK, 30MHz) SO NN FERT TOD 5.84 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 20MHz, OPSK, 30MHz) SO NN FERT TOD 5.84 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 20MHz, OPSK, 30MHz) SO NN FERT TOD 5.84 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT TOD 5.84 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT TOD 5.84 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT TOD 5.94 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT TOD 5.94 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT TOD 5.94 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT TOD 5.94 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT TOD 5.94 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT TOD 5.94 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT TOD 5.94 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT FOD 5.52 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 30MHz) SO NN FERT FOD 5.52 1991 AAB SO NR (DFT=OCPM, 1007K, RB, 30MHz, OPSK, 15MHz) SO NN FERT FOD 5.52 1991 AAB SO NR FERT FOD 5.52 1991 A			FC ND (DET - OFPIM 50% RB, 60 MHz, QPSK, 30 kHz)		5.83	±9.6
19919 AAB SO NR (DFT=OCFM, 1007, RB, 5MHz, OPSK, 50Hz)					5.87	±9.6
10920 AAB SO NR (DFT=OFDM, 10078, RB, 10MHz, OPSK, 30MHz)					5.94	±9.6
1992 AAB SO NR (DFT=OFDM, 1009; RB, 35MHz, OPSK, 30HHz)			5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10922 AAB SG NR (PFE-OFDM, 109K RB, 20MHz, OPSK, 50HHz)			5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
19922 AAB SG NR (DFF=-OFDM, 100% RB, 28MHz, OPSK, 150Hz)			5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
19922 AAB SG NR (DFF=OFDM, 100% RB, 9,0MHz, OPSK, 30Hz)				5G NR FR1 TDD	5.84	±9.6
19925 AAB SG NR (DFT-S-CPDM, 100% RB, 50MHz, CPSK, 50MHz)					5.82	±9.6
19925 AAB SG NR (DFFs-OFDM, 100% RB, SOMHZ, OPSK, 30HHz) SG NR FR1 TDD 5.85 4.91				5G NR FR1 TDD	5.84	±9.6
19922 AAB SG NR (DFTs-OFDM, 100% RB, SOMHZ, OPSK, 30Hz)				5G NR FR1 TDD	5.84	±9.6
10923 AAB SG NR (DFTs-OFDM, 100% RB, 80MHz, QPSK, 50MHz) SG NR FR1 TDD 5.54 4.94 1.94 1.92			FO ND (DET - OFFIN 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10928 AAC SG NR (DFTs-OFDM, 1 RB, 5 MHz, OPSK, 15Hz) SG NR FR1 FDD 5.52 4.91			5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10929 AAC SG NR (DFT-S-OFDM, 1 RB, 10MHz, OPSK, 15HHz) SG NR FRI FDD 5.52 4.91					5.94	±9.6
10930 AAC SG NR (DFT-S-CPEM, 1 RB, 15MHz, CPSK, 15HHz) SG NR FRI FDD 5.5.2 4.5.1			5G NR (DFT-S-OFDM, 1 RB, 5 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10931 AAC SG NR (DFT-S-OFDM, 1 FB, 20MHz, QPSK, 15kHz) SG NR FRI FDD 5.51 ±9.9				5G NR FR1 FDD	5.52	±9.6
10939 AAC SG NR (DFT-S-OFDM, 1 FB, 25MHz, OPSK, 15HHz) SG NR FRI FDD 5.51 43.1 10934 AAC SG NR (DFT-S-OFDM, 1 FB, 40MHz, OPSK, 15HHz) SG NR FRI FDD 5.51 43.1 10936 AAC SG NR (DFT-S-OFDM, 1 FB, 40MHz, OPSK, 15HHz) SG NR FRI FDD 5.51 43.9 10937 AAC SG NR (DFT-S-OFDM, 1 FB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.51 43.9 10938 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.90 43.9 10939 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.90 43.9 10939 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.90 43.9 10939 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.90 43.9 10940 AAC SG NR (DFT-S-OFDM, 50% RB, 20MHz, OPSK, 15HHz) SG NR FRI FDD 5.82 43.6 10940 AAC SG NR (DFT-S-OFDM, 50% RB, 30MHz, OPSK, 15HHz) SG NR FRI FDD 5.82 43.6 10941 AAC SG NR (DFT-S-OFDM, 50% RB, 30MHz, OPSK, 15HHz) SG NR FRI FDD 5.83 43.6 10942 AAC SG NR (DFT-S-OFDM, 50% RB, 30MHz, OPSK, 15HHz) SG NR FRI FDD 5.85 43.6 10943 AAD SG NR (DFT-S-OFDM, 50% RB, 30MHz, OPSK, 15HHz) SG NR FRI FDD 5.85 43.6 10944 AAC SG NR (DFT-S-OFDM, 50% RB, 30MHz, OPSK, 15HHz) SG NR FRI FDD 5.85 43.6 10945 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.85 43.6 10946 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.85 43.6 10946 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.85 43.6 10946 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.85 43.6 10946 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.85 43.6 10946 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.87 43.6 10947 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15HHz) SG NR FRI FDD 5.87 43.6 10948 AAC SG NR (DFT-S-OFDM, 50% RB, 50MHz, OPSK, 15H			5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10933 AAC 5G NR (DFFs-OFDM, 17B, 30MHz, OPSK, 15kHz) 5G NR FRI FDD 5.51 ±9.0			5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934 AAC SG NR (DFFs-OFDM, 17B, 40MHz, OPSK, 15kHz) SG NR FRI FDD 5.51 ±9.6				5G NR FR1 FDD	5.51	±9.6
10935 AAD 5G NR (DFFs-OFDM, 178, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.90 ±9.6 10936 AAC 5G NR (DFFs-OFDM, 50% RB, 5MHz, QPSK, 15kHz) 5G NR FRI FDD 5.90 ±9.6 10937 AAC 5G NR (DFFs-OFDM, 50% RB, 15MHz, QPSK, 15kHz) 5G NR FRI FDD 5.90 ±9.6 10938 AAC 5G NR (DFFs-OFDM, 50% RB, 15MHz, QPSK, 15kHz) 5G NR FRI FDD 5.90 ±9.6 10938 AAC 5G NR (DFFs-OFDM, 50% RB, 15MHz, QPSK, 15kHz) 5G NR FRI FDD 5.90 ±9.6 10940 AAC 5G NR (DFFs-OFDM, 50% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.80 ±9.6 10940 AAC 5G NR (DFFs-OFDM, 50% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.80 ±9.6 10941 AAC 5G NR (DFFs-OFDM, 50% RB, 30MHz, QPSK, 15kHz) 5G NR FRI FDD 5.80 ±9.6 10942 AAC 5G NR (DFFs-OFDM, 50% RB, 40MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10943 AAC 5G NR (DFFs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.96 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.96 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.96 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.96 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.96 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.97 ±9.6 10944 AAC 5G NR (DFFs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.97 ±9.6 10944 AAC			5G NR (DFT-S-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
19936 AAC GO NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.39 ±9.6				5G NR FR1 FDD	5.51	±9.6
10937 AAC SG NR (DFTs-OFDM, 50% RB, 15MHz, OPSK, 15kHz) SG NR FRI FDD S.77 ±9.6				5G NR FR1 FDD	5.51	±9.6
10938 AAC SG NR (DFT-s-OFDM, 50% RB, 15MHz, OPSK, 15KHz) SG NR FR1 FDD 5.90 ±9.6	5-74-5-74V-0-55			5G NR FR1 FDD	5.90	±9.6
10949 AAC SG NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FRI FDD 5.82 ±9.6				5G NR FR1 FDD	5.77	±9.6
10940 AAC SG NR (DFT-s-OFDM, 50% RB, 25MHz, OPSK, 15kHz) SG NR FR1 FDD 5.89 ±9.6			5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10941 AAC 5G NR (DFTs-OFDM, 50% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAC 5G NR (DFTs-OFDM, 50% RB, 40MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.6 10943 AAD 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAC 5G NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAO 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10952 AAA 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10953 AAA 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10955 AAA 5G NR (D (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 ±9.6 10955 AAA 5G NR (D (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.26 ±9.6 10955 AAA 5G NR (D (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.28 ±9.6 10956 AAA 5G NR (D (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.29 ±9.6 10957 AAA 5G NR (D (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.29 ±9.6 10958 AAA 5G NR (D (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 9.30 ±9.6 10957 AAA 5G NR (D (CP-OFDM, TM 3.1, 5MHz,			5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10942 AAC SG NR (DFTs-OFDM, 50% RB, 40MHz, QPSK, 15kHz) SG NR FRI FDD 5.85 ±9.6			5G NR (DFT-S-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10943 AAD SG NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) SG NR FRI FDD 5.95 ±9.6 10944 AAC SG NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 15kHz) SG NR FRI FDD 5.81 ±9.6 10945 AAC SG NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) SG NR FRI FDD 5.83 ±9.6 10946 AAC SG NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) SG NR FRI FDD 5.83 ±9.6 10947 AAC SG NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI FDD 5.83 ±9.6 10947 AAC SG NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI FDD 5.87 ±9.6 10948 AAC SG NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI FDD 5.87 ±9.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FRI FDD 5.87 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) SG NR FRI FDD 5.87 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FRI FDD 5.94 ±9.6 10951 AAD SG NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FRI FDD 5.94 ±9.6 10952 AAA SG NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) SG NR FRI FDD 5.92 ±9.6 10953 AAA SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) SG NR FRI FDD 8.25 ±9.6 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) SG NR FRI FDD 8.23 ±9.6 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) SG NR FRI FDD 8.42 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) SG NR FRI FDD 8.42 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) SG NR FRI FDD 8.43 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) SG NR FRI FDD 8.41 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) SG NR FRI FDD 8.61 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) SG NR FRI FDD 8.61 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) SG NR FRI FDD 9.20 ±9.6 10956 AAB SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) SG NR FRI			5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10944 AAC 5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAC 5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.8 10946 AAC 5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.8 10947 AAC 5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 5.92 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.31 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.31 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.31 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 9.36 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 9.29 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz) 5G NR					5.85	±9.6
10945 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 49.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 49.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 49.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 49.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 49.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 49.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 49.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 49.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 5.92 49.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 49.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 49.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 49.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 49.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.42 49.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.42 49.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 49.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 9.30 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 9.30 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.29 49.6 10958 AAA 5G NR DL (100000000000000000000000000000000000000		5G NR FR1 FDD	5.95	±9.6
10946 AAC 5G NR (DFT-s-OFDM, 100% RB, 15MHz, OPSK, 15kHz) 5G NR FRI FDD 5.83 ±9.6 10947 AAC 5G NR (DFT-s-OFDM, 100% RB, 20MHz, OPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 25MHz, OPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 25MHz, OPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 25MHz, OPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10951 AAC 5G NR (DFT-s-OFDM, 100% RB, 40MHz, OPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10952 AAC 5G NR (DFT-s-OFDM, 100% RB, 40MHz, OPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.22 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.24 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.42 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.14 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FRI FDD 8.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FRI TDD 9.22 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FRI TDD 9.25 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FRI TDD 9.55 ±9.6 10968 AAB 5G N				5G NR FR1 FDD	5.81	±9.6
10947 AAC SG NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 19.6			5G NR (DFT-S-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)		5.85	±9.6
10948 AAC SG NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 19.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 19.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 19.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 19.6 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 3G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 19.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 19.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.12 19.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 19.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 19.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 19.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 19.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.16 19.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 19.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 19.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 19.6 10950 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.32 19.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 19.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 19.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.35 19.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR			5G NR (DET a OEDM 100% RB, 15 MHz, QPSK, 15 kHz)		5.83	±9.6
10949 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.87 49.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.94 49.6 10951 AAD SG NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FRI FDD 5.92 49.6 10952 AAA SG NR DL (CP-OFDM, TM 3.1, 5 MHz, QPSK, 15 kHz) SG NR FRI FDD 8.25 49.6 10953 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FRI FDD 8.25 49.6 10954 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FRI FDD 8.23 49.6 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) SG NR FRI FDD 8.24 49.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.14 49.6 10957 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.31 49.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.31 49.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.31 49.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.31 49.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FRI FDD 8.31 49.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FRI TDD 8.33 49.6 10960 AAC SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) SG NR FRI TDD 9.32 49.6 10961 AAB SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) SG NR FRI TDD 9.32 49.6 10962 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FRI TDD 9.32 49.6 10963 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FRI TDD 9.32 49.6 10964 AAC SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FRI TDD 9.35 49.6 10965 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FRI TDD 9.36 49.6 10968 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR					5.87	±9.6
10950 AAC 5G NR (DFTs-OFDM, 100% RB, 40MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 49.6		_	5G NR (DET a CEDM 100% RB, 25 MHz, QPSK, 15 KHz)			±9.6
10951 AAD 5G NR (DFT-S-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.92 49.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 49.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.15 49.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.23 49.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 49.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.42 49.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 49.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.31 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.31 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.31 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.33 49.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 9.32 49.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.32 49.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.36 49.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.55 49.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.55 49.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.55 49.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.55 49.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.42 49.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.42 49.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.42 49.6 10972 AA			5G NR (DET a OEDM 100% RB, 30 MHz, QPSK, 15 KHz)		5.87	±9.6
10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 49.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 49.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.23 49.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.23 49.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.42 49.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 49.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.33 49.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.33 49.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 49.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 49.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 49.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 49.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 49.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 49.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 49.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 49.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 49.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD					5.94	±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 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±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 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 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TR 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10973 AAB 5G NR DL (CP-OFDM, TR 3.1, 100 MHz, 64-QAM, 30 kHz			5G NR DL (CR OFDM, 100% RB, 50 MHz, QPSK, 15 KHz)		2000000000	±9.6
10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.13 ±9.6			5G NR DL (CR-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 KHz)	5G NR FR1 FDD	8.25	±9.6
10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AC 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz)		_	5G NR DL (CP-OFDM, 1M 3.1, 10 MHz, 64-QAM, 15 KHz)		8.15	±9.6
10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6			5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±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 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 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, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64			5G NR DL (CR-OFDM, TM 3.1, 20 MHZ, 64-QAM, 15 KHZ)		8.42	±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 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 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 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 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 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10972 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10973 AAB 5G NR (CP-OFDM, TR, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 9.49 ±9.6 10974 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 9.06 ±9.6 10975 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR8 ULLA 1.16 ±9.6 10980 AAA ULLA HDR9 ULLA 3.19 ±9.6 10981 AAA ULLA HDR9 ULLA 3.19 ±9.6 10981 AAA ULLA HDR94 ULLA			5G NR DL (CR-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)			±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 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 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 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 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 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10972 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10972 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64			5G NR DL (CP-OFDM TM 3.1. 15 MU- CA CAMA COULTY)			±9.6
10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 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 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10972 AAB 5G NR CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10973 AAB 5G NR (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 11.59 ±9.6 10978 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) <td>27/////</td> <td></td> <td>5G NR DL (CP.OFDM, TM 3.1, 13 MHz, 64 CAM, 30 KHz)</td> <td></td> <td></td> <td>±9.6</td>	27/////		5G NR DL (CP.OFDM, TM 3.1, 13 MHz, 64 CAM, 30 KHz)			±9.6
10961 AAB 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 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 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 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA 10.10 MHz, 256-QAM, 30 kHz			5G NR DL (CP-OFDM, TM 3.1, ZUMITZ, 64-QAM, 30 KHZ)			±9.6
10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 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 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, T RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10979 AAA ULLA 1.16 ±9.6 </td <td></td> <td></td> <td>5G NR DL (CP.OEDM TM 2.1.10 MHz, 64 CAM 45 Hz)</td> <td></td> <td></td> <td>±9.6</td>			5G NR DL (CP.OEDM TM 2.1.10 MHz, 64 CAM 45 Hz)			±9.6
10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 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 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, T RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.58 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 <tr< td=""><td></td><td></td><td>5G NR DL (CP.OEDM TM 2.1. 15MHz, 64-QAM, 15 KHz)</td><td></td><td></td><td>±9.6</td></tr<>			5G NR DL (CP.OEDM TM 2.1. 15MHz, 64-QAM, 15 KHz)			±9.6
10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.55 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6			5G NR DL (CR OEDM TM 2.1, 13 MHz, 64-QAM, 15 KHz)		9.40	±9.6
10965 AAB 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 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10980 AAA ULLA HDR4 ULLA 8.58 ±9.6 10981 AAA ULLA HDR8 ULLA 10.32 ±9.6			5G NR DI (CR.OEDM TM 2.1 5 MUS CA CAM COULT)	DESCRIPTION OF THE PROPERTY OF		±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 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6			5G NR DI (CR.OEDM TM 2.1.10MHz, 64 CAM COLLEY		200000000000000000000000000000000000000	±9.6
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10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6			5G NR DI (CP-OEDM TM 3.1, 13 MITZ, 64 CAM, 30 KHZ)		200000000000000000000000000000000000000	±9.6
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10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6			5G NR (CP-OFDM 1 RR 20MHz ODEK 1514-)			±9.6
10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6	1000 1111 1011 1011					±9.6
10978 AAA ULLA BDR 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6			5G NR (CP-OFDM 100% PR 100MHz, QPSK, 30KHz)			7
10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6						±9.6
10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6				500000000000000000000000000000000000000		
10981 AAA ULLA HDRp4 ULLA 3.19 +9.6						100000000
OLLA 3.19 +96				100000000000000000000000000000000000000		
10982 AAA IIII A HDRn8	10982	AAA	ULLA HDRp8			112000000000000000000000000000000000000
10982 AAA ULLA HDRp8 ULLA 3.43 ±9.6	.5002	,,,,,,	occition (po	ULLA	3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 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	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

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

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





S Schweizerischer Kalibrierdienst
Service suisse d'étalonnage
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

Client

AUDIX (Auden)

Certificate No: D2450V2-888_Sep21

CALIBRATION CERTIFICATE

Object D2450V2 - SN:888

Calibration procedure(s) QA CAL-05.v11

Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

Calibration date: September 13, 2021

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

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^{\circ}$ C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-Z91	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: BH9394 (20k)	09-Apr-21 (No. 217-03343)	Apr-22
Type-N mismatch combination	SN: 310982 / 06327	09-Apr-21 (No. 217-03344)	Apr-22
Reference Probe EX3DV4	SN: 7349	28-Dec-20 (No. EX3-7349_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21
	Name	Function	Signature
Calibrated by:	Jeffrey Katzman	Laboratory Technician	
			d. Ky
Approved by:	Katja Pokovic	Technical Manager	10101
			de de

Issued: September 14, 2021

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

Certificate No: D2450V2-888_Sep21

Page 1 of 6

Calibration Laboratory of

Schmid & Partner **Engineering AG** Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage C 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

Glossarv:

TSL tissue simulating liquid

ConvE sensitivity in TSL / NORM x,v,z N/A not applicable or not measured

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"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Certificate No: D2450V2-888_Sep21

Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.7 ± 6 %	1.87 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.6 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	52.9 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.29 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.8 W/kg ± 16.5 % (k=2)

Certificate No: D2450V2-888_Sep21

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	53.8 Ω + 2.8 jΩ
Return Loss	- 26.8 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.159 ns
, (1	

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

Certificate No: D2450V2-888_Sep21 Page 4 of 6

DASY5 Validation Report for Head TSL

Date: 13.09.2021

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:888

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; $\sigma = 1.87 \text{ S/m}$; $\varepsilon_r = 37.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

• Probe: EX3DV4 - SN7349; ConvF(7.96, 7.96, 7.96) @ 2450 MHz; Calibrated: 28.12.2020

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn601; Calibrated: 02.11.2020

Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001

• DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.8 V/m; Power Drift = -0.08 dB

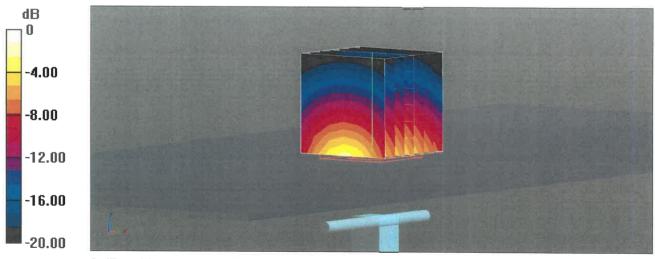
Peak SAR (extrapolated) = 27.0 W/kg

SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.29 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 50.6%

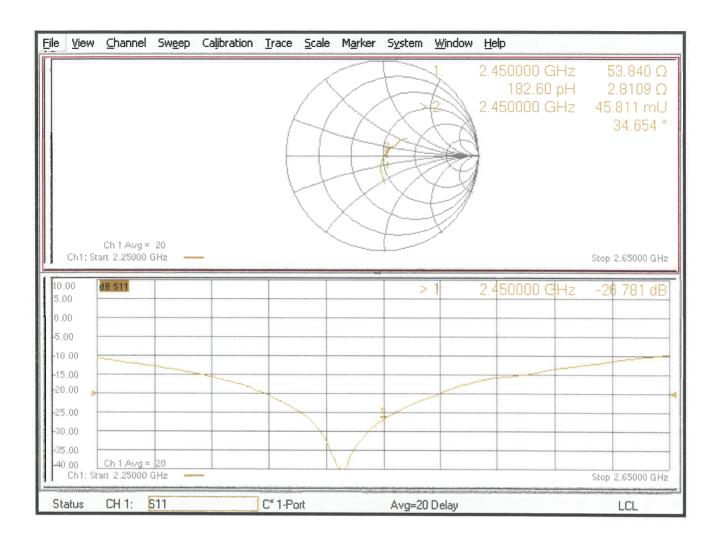
Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg

Certificate No: D2450V2-888_Sep21 Page 5 of 6

Impedance Measurement Plot for Head TSL



Dipole Verified Data

Model Name: D2450V2

SN:888

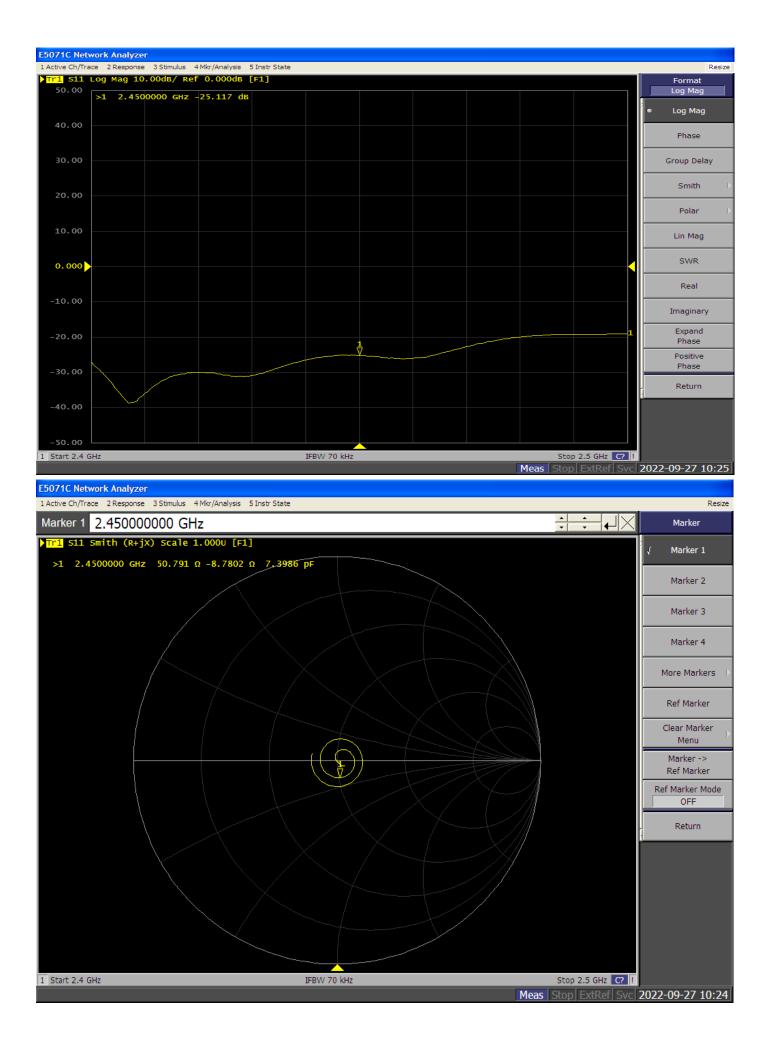
Pursuant to KDB 865664 D01 V01r04 section 3.2.2 that the reference dipole calibration can be extended to 3 years if Lab. does a confirmation on return loss and impedance annually, and compliance with following conditions,

- 1. Return loss deviates by less than 20% from the previous measurement and have 20 dB minimum return-loss requirement
- 2. The real or imaginary parts of the impedance, measured at least annually, deviates by less than 5 Ω from the previous measurement.

Plot for Antenna Parameters with Head Tissue

Antenna Parameters with Head Tissue

Item	Verified on 9/27, 2022	Original Cal. Result	Deviation
Impedance, transformed to feed point	50.791 Ω -8.7802 Ω	53.8 Ω +2.8j Ω	< 5 Ω
Return Loss -25.117 dB		-26.8 dB	-6.279%



Dipole Verified Data

Model Name: D2450V2

SN:888

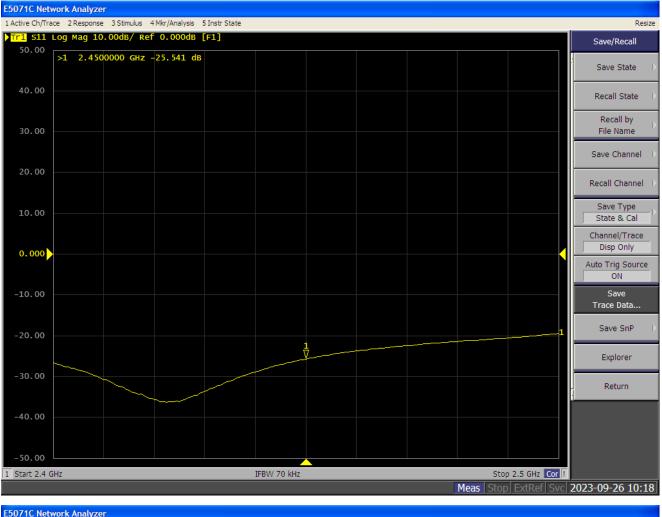
Pursuant to KDB 865664 D01 V01r04 section 3.2.2 that the reference dipole calibration can be extended to 3 years if Lab. does a confirmation on return loss and impedance annually, and compliance with following conditions,

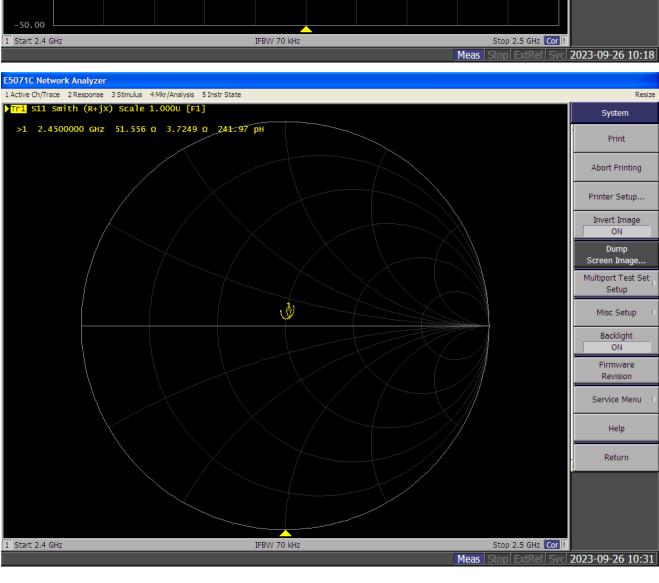
- 1. Return loss deviates by less than 20% from the previous measurement and have 20 dB minimum return-loss requirement
- 2. The real or imaginary parts of the impedance, measured at least annually, deviates by less than 5 Ω from the previous measurement.

Plot for Antenna Parameters with Head Tissue

Antenna Parameters with Head Tissue

Item	Verified on 9/26, 2023	Original Cal. Result	Deviation
Impedance, transformed to feed point	51.556 Ω +3.7249 Ω	53.8 Ω +2.8j Ω	< 5 Ω
Return Loss	-25.541 dB	-26.8 dB	-4.697%





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





Schweizerischer Kalibrierdienst
Service suisse d'étalonnage
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

Client

AUDIX (Auden)

Certificate No: D5GHzV2-1124 Sep21

CALIBRATION CERTIFICATE

Object D5GHzV2 - SN:1124

Calibration procedure(s) QA CAL-22.v6

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date: September 27, 2021

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-Z91	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: BH9394 (20k)	09-Apr-21 (No. 217-03343)	Apr-22
Type-N mismatch combination	SN: 310982 / 06327	09-Apr-21 (No. 217-03344)	Apr-22
Reference Probe EX3DV4	SN: 3503	30-Dec-20 (No. EX3-3503_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21
	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	AM_
Approved by:	Katja Pokovic	Technical Manager	ALSC.

Issued: September 27, 2021

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

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





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Glossary:

TSL

tissue simulating liquid

ConvF

sensitivity in TSL / NORM x,y,z

N/A not applicable or not measured

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"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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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