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10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN		± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	9.00	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc dc)		8.94	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAA		WLAN	8.77	± 9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
		IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAB	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	AAB	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	$\pm 9.6\%$
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		$\pm 9.6\%$
10779	AAB	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6%
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	$\pm 9.6\%$
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	$\pm 9.6\%$
10783	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)		8.43	± 9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz)		8.29	± 9.6 %
	****	5G NR (CP-OFDM, 100% RB, 13 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.40	± 9.6 %
111/86				8.35	± 9.6 %
10786	AAC	50 NR (OP OF DM, 100% DD, 20 MHZ, Q1 OK, 15 KHZ)			
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10787 10788	AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39	± 9.6 % ± 9.6 %
10787 10788 10789	AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39 8.37	± 9.6 % ± 9.6 % ± 9.6 %
10787 10788 10789 10790	AAC AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39 8.37 8.39	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10787 10788 10789 10790 10791	AAC AAC AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39 8.37	± 9.6 % ± 9.6 % ± 9.6 %
10787 10788 10789 10790 10791 10792	AAC AAC AAC AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39 8.37 8.39	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10787           10788           10789           10790           10791           10792           10793	AAC AAC AAC AAC AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39 8.37 8.39 7.83	$\begin{array}{c} \pm \ 9.6 \ \% \\ \pm \ 9.6 \ \% \end{array}$
10787 10788 10789 10790 10791 10792 10793 10794	AAC AAC AAC AAC AAC AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39 8.37 8.39 7.83 7.92	$\begin{array}{c} \pm \ 9.6 \ \% \\ \pm \ 9.6 \ \% \end{array}$
10787 10788 10789 10790 10791 10792 10793 10794 10795	AAC AAC AAC AAC AAC AAC AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39 8.37 8.39 7.83 7.92 7.95	$\begin{array}{c} \pm 9.6 \% \\ \pm 9.6 \% \end{array}$
10787 10788 10789 10790 10791 10792 10793 10794 10795 10796	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39 8.37 7.83 7.92 7.95 7.82	$\begin{array}{c} \pm 9.6 \% \\ \pm 9.6 \% \end{array}$
10787 10788 10789 10790 10791 10792 10793 10794 10795 10796 10797	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44 8.39 8.37 8.39 7.83 7.92 7.95 7.82 7.84	$\begin{array}{c} \pm 9.6 \% \\ \pm 9.6 \% \end{array}$
10787 10788 10789 10790 10791 10792 10793 10794 10795 10796	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)         5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD5G NR FR1 TDD	8.44 8.39 8.37 8.39 7.83 7.92 7.95 7.82 7.84 7.82	$\begin{array}{c} \pm 9.6 \% \\ \pm 9.6 \% \end{array}$

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10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAC	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	$\pm 9.6\%$ $\pm 9.6\%$
10836	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	$\pm 9.6\%$ $\pm 9.6\%$
10837	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	
10839	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.00	± 9.6 % ± 9.6 %
10840	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	
10841	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	$\pm 9.6\%$
10843	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		$\pm 9.6\%$
10844	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49 8.34	$\pm 9.6\%$
10846	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34 8.41	$\pm 9.6\%$
10854	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 KHz)	5G NR FR1 TDD		$\pm 9.6\%$
10855	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10856	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	$\pm 9.6\%$
10857	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10858	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.35	$\pm 9.6\%$
10859	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10860	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10861	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)		8.41	± 9.6 %
10863	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10864	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.41	± 9.6 %
10865	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.37	± 9.6 %
10866	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 60 KHz) 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10868	AAC	5G NR (DFT-s-OFDM, 17 RB, 100 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 KHz) 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10870	AAD		5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	5.75	±9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.52	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
		5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10874		SC NP (CP OEDM 4 PP 400 MUL ODOL 400 HUL)			
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6 %
10875 10876	AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	7.78 8.39	± 9.6 %
10875 10876 10877	AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD	7.78 8.39 7.95	± 9.6 % ± 9.6 %
10875 10876 10877 10878	AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD	7.78 8.39 7.95 8.41	± 9.6 % ± 9.6 % ± 9.6 %
10875 10876 10877 10878 10879	AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	7.78 8.39 7.95 8.41 8.12	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10875           10876           10877           10878           10879           10880	AAD AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	7.78 8.39 7.95 8.41	± 9.6 % ± 9.6 % ± 9.6 %
10875           10876           10877           10878           10879           10880           10881	AAD AAD AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD5G NR FR2 TDD	7.78 8.39 7.95 8.41 8.12	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10875 10876 10877 10878 10879 10880 10881 10882	AAD AAD AAD AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD5G NR FR2 TDD	7.78 8.39 7.95 8.41 8.12 8.38	$\begin{array}{c} \pm 9.6 \% \\ \pm 9.6 \% \end{array}$
10875 10876 10877 10878 10879 10880 10881 10881 10882 10883	AAD AAD AAD AAD AAD AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD5G NR FR2 TDD	7.78 8.39 7.95 8.41 8.12 8.38 5.75	$\begin{array}{c} \pm 9.6 \% \\ \pm 9.6 \% \end{array}$
10875 10876 10877 10878 10879 10880 10881 10882	AAD AAD AAD AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD5G NR FR2 TDD	7.78 8.39 7.95 8.41 8.12 8.38 5.75 5.96	$\begin{array}{c} \pm 9.6 \% \\ \pm 9.6 \% \end{array}$

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ADD         SG NR (CP-OFDM, 178, B5, 50 MHz, OPSK, 120 HHz)         SG NR FR2 TDD         6.33         19.6 %           10888         AAD         SG NR (CP-OFDM, 108, B5 MHz, OPSK, 120 HHz)         SG NR FR2 TDD         6.34         19.6 %           10890         AAD         SG NR (CP-OFDM, 108, B5 MHz, OFSA, 120 HHz)         SG NR FR2 TDD         8.40         19.6 %           10891         AAD         SG NR (CP-OFDM, 178, B5 MHz, OFSA, 120 HHz)         SG NR FR2 TDD         8.41         19.6 %           10892         AAA         SG NR (CP-OFDM, 178, B5 MHz, OPSK, 30 HHz)         SG NR FR2 TDD         8.41         19.6 %           10893         AAA         SG NR (CP-OFDM, 178, B5 MHz, OPSK, 30 HHz)         SG NR FRT TDD         5.67         19.6 %           10898         AAA         SG NR (PT-0-OFDM, 178, 55 MHz, OPSK, 30 HHz)         SG NR FRT TDD         5.68         19.6 %           10990         AAA         SG NR (PT-0-OFDM, 178, 25 MHz, OPSK, 30 HHz)         SG NR FRT TDD         5.68         19.6 %           10991         AAA         SG NR (PT-0-OFDM, 178, 26 MHz, OPSK, 30 HHz)         SG NR FRT TDD         5.68         19.6 %           10990         AAA         SG NR (PT-0-OFDM, 178, 80 MHz, OPSK, 30 HHz)         SG NR FRT TDD         5.68         19.6 %           10991         AAA <th>40000</th> <th></th> <th></th> <th></th> <th></th> <th></th>	40000					
10888         AAD         SG NR (CP-OFDM, 100% RB, 50 MHz, QFSK, 120 HHz)         SG NR FREZ TDD         0.02         ± 9.0 K           10899         AAD         SG NR (CP-OFDM, 100% RB, 50 MHz, 160AM, 120 HHz)         SG NR FREZ TDD         0.02         ± 9.0 K           10891         AAD         SG NR (CP-OFDM, 100% RB, 50 MHz, 460AM, 120 HHz)         SG NR FREZ TDD         0.13         ± 9.6 K           10892         AAD         SG NR (CP-OFDM, 100% RB, 50 MHz, 640AM, 120 HHz)         SG NR FREZ TDD         0.56 H         ± 9.6 K           10897         AAA         SG NR (DFT-o-OFDM, 1 RB, 50 MHz, 640AM, 120 HHz)         SG NR FRET TDD         5.56 H         ± 9.6 K           10898         AAA         SG NR (DFT-o-OFDM, 1 RB, 50 MHz, 0PSK, 30 HHz)         SG NR FRET TDD         5.56 H         ± 9.6 K           10899         AAA         SG NR (DFT-o-OFDM, 1 RB, 50 MHz, 0PSK, 30 HHz)         SG NR FRET TDD         5.68 H         ± 9.6 K           109901         AAA         SG NR (DFT-o-OFDM, 1 RB, 50 MHz, 0PSK, 30 HHz)         SG NR FRET TDD         5.68 H         ± 9.6 K           109914         AAA         SG NR (DFT-o-OFDM, 1 RB, 50 MHz, 0PSK, 30 HHz)         SG NR FRET TDD         5.68 H         ± 9.6 K           109914         AAA         SG NR (DFT-o-OFDM, 1 RB, 50 MHz, 0PSK, 30 HHz)         SG NR FRET TDD         5.68	10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)		6.65	± 9.6 %
16889         AAD         5G NR; (CP-OFDM, 1188, 5G SME), 169AAN, 120 kHz)         6G NN; FR2 TDD         64.0         19.5 K           16891         AAD         5G NR; (CP-OFDM, 1078, FR3, 50 MHz, 60AAM, 120 kHz)         6G NN; FR2 TDD         54.41         19.5 K           16892         AAD         5G NR; (CP-OFDM, 1078, FR3, 50 MHz, 60AAM, 120 kHz)         6G NN; FR2 TDD         54.41         19.5 K           16897         AAA         5G NR; (DFT-6-OFDM, 1078, FR3, 50 MHz, 0PSK, 30 kHz)         5G NN; FR1 TDD         55.67         19.5 G           16898         AAA         5G NR; (DFT-6-OFDM, 118, 15 MHz, 0PSK, 30 kHz)         5G NN; FR1 TDD         56.87         19.5 K           16989         AAA         5G NR; (DFT-6-OFDM, 118, 25 MHz, 0PSK, 30 kHz)         5G NN; FR1 TDD         56.88         19.5 K           16980         AAA         5G NR; (DFT-6-OFDM, 118, 25 MHz, 0PSK, 30 kHz)         5G NN; FR1 TDD         56.88         19.6 K           19901         AAA         5G NR; (DFT-6-OFDM, 118, 25 MHz, 0PSK, 30 kHz)         5G NN; FR1 TDD         56.88         19.6 K           19904         AAA         5G NR; (DFT-6-OFDM, 118, 80 MHz, 0PSK, 30 kHz)         5G NN; FR1 TDD         56.88         19.6 K           19905         AAA         5G NR; (DFT-6-OFDM, 105 K, R5, 5M MLz, 0PSK, 30 kHz)         5G NN; FR1 TDD         56.88<			5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
1989         AAD         56 MR (CP-OFDM, 1988, FB, 50 MHz, 160 AM, 120 Hz)         56 NR FR2 TDD         8.40         ± 9.5 %           10890         AAD         56 MR (CP-OFDM, 1988, 56 MB, 160 AM, 120 Hz)         56 NR FR2 TDD         8.41         ± 9.6 %           10892         AAD         56 NR (CP-OFDM, 178 R, 56 MHz, 120 Hz)         56 NR FRT TDD         5.61         ± 9.6 %           10897         AAA         56 NR (DFT-o-OFDM, 178 R, 56 MHz, OPSK, 30 Hz)         56 NR FRT TDD         5.67         ± 9.6 %           10898         AAA         56 NR (DFT-o-OFDM, 178 R, 56 MHz, OPSK, 30 Hz)         56 NR FRT TDD         5.67         ± 9.6 %           10890         AAA         56 NR (DFT-o-OFDM, 178 R, 50 MHz, OPSK, 30 Hz)         56 NR FRT TDD         5.68         ± 9.6 %           10901         AAA         56 NR (DFT-o-OFDM, 178 R, 50 MHz, OPSK, 30 Hz)         56 NR FRT TDD         5.68         ± 9.6 %           10902         AAA         56 NR (DFT-o-OFDM, 178 R, 50 MHz, OPSK, 30 Hz)         56 NR FRT TDD         5.68         ± 9.6 %           10902         AAA         56 NR (DFT-o-OFDM, 178 R, 50 MHz, OPSK, 30 Hz)         56 NR FRT TDD         5.68         ± 9.6 %           10904         AAA         56 NR (DFT-o-OFDM, 178 R, 50 MHz, OPSK, 30 Hz)         56 NR FRT TDD         5.68         ± 9.6 %			5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)		8.35	± 9.6 %
10890         AAD         56 MR (CP-OFDM, 1005 WH, 500 MHz, 60GAM, 120 KHz)         56 NN FR2 TDD         8.13         8.96 W           10891         AAD         56 NR (CP-OFDM, 1005 WHz, 60GAM, 120 KHz)         56 NN FR2 TDD         8.13         8.96 W           10897         AAA         56 NR (CP-OFDM, 1005 WHz, 60GAM, 120 KHz)         56 NN FR2 TDD         5.61         1.85 G           10897         AAA         56 NR (PT-o-OFDM, 118, 50 MHz, OPSK, 30 KHz)         56 NN FR1 TDD         5.67         ± 9.5 %           10898         AAA         56 NR (PT-o-OFDM, 118, 20 MHz, OPSK, 30 KHz)         56 NN FR1 TDD         5.68         ± 9.5 %           109901         AAA         56 NR (PT-o-OFDM, 118, 20 MHz, OPSK, 30 KHz)         56 NN FR1 TDD         5.68         ± 9.5 %           109901         AAA         56 NR (PT-o-OFDM, 118, 20 MHz, OPSK, 30 KHz)         56 NN FR1 TDD         5.68         ± 9.6 %           109903         AAA         56 NR (PT-o-OFDM, 118, 20 MHz, OPSK, 30 KHz)         56 NN FR1 TDD         5.68         ± 9.6 %           109904         AAA         56 NR (PT-o-OFDM, 118, 20 MHz, OPSK, 30 KHz)         56 NN FR1 TDD         5.68         ± 9.6 %           109905         AAA         56 NR (PT-o-OFDM, 18, 20 MHz, OPSK, 30 KHz)         56 NN FR1 TDD         5.68         ± 9.6 %		-	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10891         AAD         5G NR (CP-OFDM, 1188, 55 MHz, 640AM, 120 Hz)         5G NR FF2 TDD         5A1         2 5 5 R           10897         AAA         5G NR (CPT-OFDM, 1098, FS, 50 MHz, 640AM, 120 Hz)         5G NR FFRT TDD         5.67         15 0.67           10898         AAA         5G NR (DFT-OFDM, 1098, FS, 50 MHz, 0FSK, 30 Hz)         5G NR FFRT TDD         5.67         15 0.67           10990         AAA         5G NR (DFT-OFDM, 1188, 15 MHz, 0FSK, 30 Hz)         5G NR FFRT TDD         5.68         15 0.68           10900         AAA         5G NR (DFT-OFDM, 1188, 25 MHz, 0FSK, 50 Hz)         5G NR FFRT TDD         5.68         ± 9 0.68           10901         AAA         5G NR (DFT-OFDM, 1188, 25 MHz, 0FSK, 50 Hz)         5G NR FFRT TDD         5.68         ± 9 0.68           10902         AAA         5G NR (DFT-OFDM, 1188, 60 MHz, 0FSK, 50 Hz)         5G NR FFRT TDD         5.68         ± 9 0.68           10904         AAA         5G NR (DFT-OFDM, 1188, 60 MHz, 0FSK, 30 Hz)         5G NR FFRT TDD         5.68         ± 9 0.68           10904         AAA         5G NR (DFT-OFDM, 108, BA 10 MHz, 0FSK, 30 Hz)         5G NR FFRT TDD         5.68         ± 9 0.68           10904         AAA         5G NR (DFT-OFDM, 50% RE, 5 MHz, 0FSK, 30 Hz)         5G NR FFRT TDD         5.68         ± 9 0.58				5G NR FR2 TDD	8.40	± 9.6 %
10882         AAD         GS NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 Hz)         SG NR FR TDD         9.64 $\pm$ 9.6 yr           10889         AAA         GS NR (CPT=o-OFDM, 118, 10 MHz, QPSK, 30 Hz)         SG NR FR TDD         5.67 $\pm$ 9.6 yr           10899         AAA         GS NR (CPT=o-OFDM, 118, 10 MHz, QPSK, 30 Hz)         SG NR FR TDD         5.67 $\pm$ 9.6 yr           10990         AAA         GS NR (CPT=o-OFDM, 118, 20 MHz, QPSK, 30 Hz)         SG NR FR TDD         5.68 $\pm$ 9.6 yr           10991         AAA         GG NR (CPT=o-OFDM, 118, 20 MHz, QPSK, 30 Hz)         SG NR FR TDD         5.68 $\pm$ 9.6 yr           10991         AAA         GG NR (CPT=o-OFDM, 118, 20 MHz, QPSK, 30 Hz)         SG NR FR TDD         5.68 $\pm$ 9.6 yr           10992         AAA         GG NR (CPT=o-OFDM, 118, 50 MHz, QPSK, 30 Hz)         SG NR FR TDD         5.68 $\pm$ 9.6 yr           10995         AAA         GG NR (CPT=o-OFDM, 118, 50 MHz, QPSK, 30 Hz)         SG NR FR TDD         5.68 $\pm$ 9.6 yr           10996         AAA         GG NR (CPT=o-OFDM, 158, 80 Mtz, QPSK, 30 Hz)         SG NR FR TDD         5.68 $\pm$ 9.6 yr           10997         AAA         GG NR (CPT=o-OFDM, 50% RB, 15 Mtz, QPSK, 30 Hz)         SG NR FR TDD         5.83 $\pm$ 9.6 yr <td></td> <td></td> <td>5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)</td> <td>5G NR FR2 TDD</td> <td>8.13</td> <td></td>			5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	
1989         AAA         So NR (DFT=o-CPDM, 11R, 5 MHz, QPSK, 30 Hz)         So NR FR TDD         5.67 $12.95$ 10899         AAA         SG NR (DFT=o-CPDM, 11R, 15 MHz, QPSK, 30 Hz)         SO NR FR TDD         5.67 $12.95$ 10890         AAA         SG NR (DFT=o-CPDM, 11R, 15 MHz, QPSK, 30 Hz)         SO NR FR TDD         5.68 $12.95$ 10901         AAA         SG NR (DFT=o-CPDM, 11R, 20 MHz, QPSK, 30 Hz)         SO NR FR TDD         5.68 $12.95$ 10902         AAA         SG NR (DFT=o-CPDM, 11R, 20 MHz, QPSK, 30 Hz)         SO NR FR TDD         5.68 $12.95$ 10902         AAA         SG NR (DFT=o-CPDM, 11R, 50 MHz, QPSK, 30 Hz)         SO NR FR TDD         5.68 $12.95$ 10904         AAA         SG NR (DFT=o-CPDM, 11R, 50 MHz, QPSK, 30 Hz)         SO NR FR TDD         5.68 $12.95$ 10904         AAA         SG NR (DFT=o-CPDM, 50% RB, 16 MHz, QPSK, 30 Hz)         SO NR FR TDD         5.68 $12.95$ 10904         AAA         SG NR (DFT=o-CPDM, 50% RB, 10 MHz, QPSK, 30 Hz)         SO NR FR TDD         5.68 $12.95$ 10904         AAA         SG NR (DFT=o-CPDM, 50% RB, 10 MHz, QPSK, 30 Hz)         SO NR FR TDD         5.68 $12.95$ $12.95$		AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD		
19899         AAA         GS NR (DFT=o-CPDM, 1RB, 19 MHz, QPSK, 30 Hz)         50 NR FR1 TDD         5.87         ± 0.6 %           19901         AAA         65 NR (OFT=o-CPDM, 1RB, 20 MHz, QPSK, 30 Hz)         50 NR FR1 TDD         5.68         ± 0.6 %           19901         AAA         50 NR (OFT=o-CPDM, 1RB, 20 MHz, QPSK, 30 Hz)         50 NR FR1 TDD         5.68         ± 0.6 %           19902         AAA         50 NR (DFT=o-CPDM, 1RB, 20 MHz, QPSK, 30 Hz)         50 NR FR1 TDD         5.68         ± 0.6 %           19903         AAA         56 NR (DFT=o-CPDM, 1RB, 20 MHz, QPSK, 30 Hz)         50 NR FR1 TDD         5.68         ± 0.6 %           19904         AAA         56 NR (DFT=o-CPDM, 1BB, 50 MHz, QPSK, 30 Hz)         50 NR FR1 TDD         5.68         ± 0.6 %           19905         AAA         56 NR (DFT=o-CPDM, 1BB, 50 MHz, QPSK, 30 Hz)         56 NR FR1 TDD         5.68         ± 0.6 %           19905         AAA         56 NR (DFT=o-CPDM, 50% RB, 50 MHz, QPSK, 30 Hz)         56 NR FR1 TDD         5.68         ± 0.6 %           19905         AAA         56 NR (DFT=o-CPDM, 50% RB, 20 MHz, QPSK, 30 Hz)         56 NR FR1 TDD         5.68         ± 0.6 %           19905         AAA         56 NR (NC FT=o-CPDM, 50% RB, 20 MHz, QPSK, 30 Hz)         56 NR FR1 TDD         5.88         ± 0.6 %	10897	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)			
10899         AAA         SG NR (DFT=OFDM, 1 RB, 15 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.67 $\pm$ 0.5 g R           19901         AAA         SG NR (DFT=OFDM, 1 RB, 25 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 0.6 g R           19902         AAA         SG NR (DFT=OFDM, 1 RB, 20 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 0.6 g R           19902         AAA         SG NR (DFT=OFDM, 1 RB, 20 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 0.6 g R           19904         AAA         SG NR (DFT=OFDM, 1 RB, 50 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 0.6 g R           19904         AAA         SG NR (DFT=OFDM, 1 RB, 50 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 0.6 g R           19905         AAA         SG NR (DFT=OFDM, 50%, RB, 50 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 0.6 g R           19907         AAA         SG NR (DFT=OFDM, 50%, RB, 50 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.84 $\pm$ 0.6 g R           19907         AAA         SG NR (DFT=OFDM, 50%, RB, 70 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.84 $\pm$ 0.6 g R           19907         AAA         SG NR (DFT=OFDM, 50%, RB, 70 MHz, QPSK, 30 Hz)         5G NR FR1 TDD         5.84 <t< td=""><td>10898</td><td>AAA</td><td></td><td></td><td></td><td></td></t<>	10898	AAA				
19900         AAA         5G N R [PT-s-OFDM, 1FB, 20 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.68         ± 0.67           19901         AAA         5G N R (DFT-s-OFDM, 1FB, 20 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.68         ± 0.67           19903         AAA         5G N R (DFT-s-OFDM, 1FB, 20 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.68         ± 0.67           19904         AAA         5G N R (DFT-s-OFDM, 1FB, 20 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.68         ± 0.67           19905         AAA         5G N R (DFT-s-OFDM, 1FB, 50 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.68         ± 0.67           19906         AAA         5G N R (DFT-s-OFDM, 1FB, 80 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.78         ± 0.67           19907         AAA         5G N R (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.38         ± 0.67           19907         AAA         5G N R (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.38         ± 0.67           19907         AAA         5G N R (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.38         ± 0.67           19907         AAA         5G N R (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         5G N R FR1 TDD         5.38         ± 0.6	10899	AAA				
19901         AAA         5G NR (PT-s-OPDM, 15R, 25 MHz, OPSK, 30 HHz)         5G NR FRI TOD         5.68         ± 9.6 %           19902         AAA         5G NR (DFT-s-OPDM, 15R, 30 HHz, OPSK, 30 HHz)         5G NR FRI TDD         5.68         ± 9.6 %           19904         AAA         5G NR (DFT-s-OPDM, 15R, 30 HHz, OPSK, 30 HHz)         5G NR FRI TDD         5.68         ± 9.6 %           19905         AAA         5G NR (DFT-s-OPDM, 15R, 50 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.68         ± 9.6 %           19905         AAA         5G NR (DFT-s-OFDM, 15R, 50 MHz, OPSK, 30 Hz)         5G NR FRI TDD         5.69         ± 9.6 %           19906         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, OPSK, 30 Hz)         5G NR FRI TDD         5.38         ± 9.6 %           19907         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, OPSK, 30 Hz)         5G NR FRI TDD         5.38         ± 9.6 %           19910         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, OPSK, 30 Hz)         5G NR FRI TDD         5.38         ± 9.6 %           19911         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 Hz)         5G NR FRI TDD         5.48         ± 9.6 %           19912         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 Hz)         5G NR FRI TDD         5.48         ± 9.6 %	10900	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)		- <u>}</u>	
19902         AAA         SO NR (DFT-s-OFDM, 15R, 30 MHz)         SG NR FRT TDD         5.68         ± 9.6 %           19903         AAA         SG NR (DFT-s-OFDM, 15R, 40 MHz, OPSK, 30 Hz)         SG NR FRT TDD         5.68         ± 9.6 %           19905         AAA         SG NR (DFT-s-OFDM, 15R, 50 MHz, OPSK, 30 Hz)         SG NR FRT TDD         5.68         ± 9.6 %           19905         AAA         SG NR (DFT-s-OFDM, 15R, 80 MHz, OPSK, 30 Hz)         SG NR FRT TDD         5.78         ± 9.6 %           19905         AAA         SG NR (DFT-s-OFDM, 50% RB, 10 MHz, OPSK, 30 Hz)         SG NR FRT TDD         5.78         ± 9.6 %           19906         AAA         SG NR (DFT-s-OFDM, 50% RB, 10 MHz, OPSK, 30 Hz)         SG NR FRT TDD         5.58         ± 9.6 %           19907         AAA         SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 Hz)         SG NR FRT TDD         5.38         ± 9.6 %           19910         AAA         SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 Hz)         SG NR FRT TDD         5.34         ± 9.6 %           19911         AAA         SG NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 Hz)         SG NR FRT TDD         5.84         ± 9.6 %           19914         AAA         SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 Hz)         SG NR FRT TDD         5.84         ± 9.6 %	10901	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, OPSK, 30 kHz)			
19904         AAA         60 NR (DFT-s-OFDM, 1F 8, 50 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.68         ± 0.6 %           19904         AAA         5G NR (DFT-s-OFDM, 1F 8, 50 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.68         ± 0.6 %           19905         AAA         5G NR (DFT-s-OFDM, 1F 8, 50 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.68         ± 0.6 %           19906         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.59         ± 0.6 %           19907         AAA         5G NR (DFT-s-OFDM, 50% RB, 16 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.39         ± 0.6 %           19908         AAA         5G NR (DFT-s-OFDM, 50% RB, 16 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.38         ± 0.6 %           19908         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.38         ± 0.6 %           19911         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.84         ± 0.6 %           19914         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.84         ± 0.6 %           19915         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 HHz)         5G NR FRI TDD         5.84         ± 0.	10902	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, OPSK, 30 kHz)			
19905         AAA         56 N R (DFT-s-OFDM, 158, 50 MHz, OPSK, 30 HHz)         5G N R FRT TDD         5.68         ± 5.67           19905         AAA         50 NR (DFT-s-OFDM, 158, 80 MHz, OPSK, 30 HHz)         5G NR FRT TDD         5.68         ± 9.67           19907         AAA         56 NR (DFT-s-OFDM, 158, 80 MHz, OPSK, 30 HHz)         5G NR FRT TDD         5.78         ± 9.67           19907         AAA         56 NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 HHz)         5G NR FRT TDD         5.98         ± 9.67           19910         AAA         56 NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 HHz)         5G NR FRT TDD         5.98         ± 9.67           19910         AAA         56 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         5G NR FRT TDD         5.93         ± 9.67           19912         AAA         50 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         5G NR FRT TDD         5.84         ± 9.67           19913         AAA         50 NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 HHz)         5G NR FRT TDD         5.84         ± 9.67           19914         AAA         50 NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 HHz)         5G NR FRT TDD         5.85         ± 9.67           19916         AAA         50 NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 Hz)         5G NR FRT TDD         5.86         ± 9.67	10903	AAA				
19905         AAA         5G NR (DFT=-0FDM, 1 RB, 80 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.68 $\pm$ 9.6 %           19096         AAA         5G NR (DFT=-0FDM, 1 RB, 80 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.68 $\pm$ 9.6 %           19097         AAA         5G NR (DFT=-0FDM, 50% RB, 10 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.38 $\pm$ 9.6 %           19098         AAA         5G NR (DFT=-0FDM, 50% RB, 10 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.39 $\pm$ 9.6 %           19099         AAA         5G NR (DT=-0FDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.33 $\pm$ 9.6 %           19911         AAA         5G NR (DT=-0FDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.34 $\pm$ 9.6 %           19912         AAA         5G NR (DT=-0FDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.44 $\pm$ 9.6 %           19913         AAA         5G NR (DT=-0FDM, 50% RB, 60 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.48 $\pm$ 9.6 %           19915         AAA         5G NR (DT=-0FDM, 50% RB, 60 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.48 $\pm$ 9.6 %           19917         AAA         5G NR (DT=-0FDM, 50% RB, 60 MHz, QPSK, 30 KHz)         5G NR RT TDD         5.48 $\pm$ 9.6	10904	AAA			*	
10906         AAA         5G         NR         DFT=-oFDM, 1RB, 80 MHz, QPSK, 30 MHz         GG NR RI TDD         5.68         19.67           10907         AAA         5G NR (DFT=-oFDM, 50% RB, 5 MHz, QPSK, 30 KHz)         5G NR RI TDD         5.78         19.68           10908         AAA         5G NR (DFT=-oFDM, 50% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.93         19.68           10909         AAA         5G NR (DFT=-oFDM, 50% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.93         19.68           10910         AAA         5G NR (DFT=-oFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.83         19.68           10911         AAA         5G NR (DFT=-oFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         19.68           10912         AAA         5G NR (DFT=-oFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         19.68           10914         AAA         5G NR (DFT=-oFDM, 50% RB, 50 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         19.68           10916         AAA         5G NR (DFT=-oFDM, 50% RB, 50 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         19.68           10917         AAA         5G NR (DFT=-oFDM, 100% RB, 16 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
19907         AAA         SG NR (DFT=o-FDM, 50% RB, 5 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.78         ± 0.6 %           19908         AAA         SG NR (DFT=o-FDM, 50% RB, 10 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.93         ± 9.6 %           19910         AAA         SG NR (DFT=o-FDM, 50% RB, 20 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.33         ± 9.6 %           19911         AAA         SG NR (DFT=o-FDM, 50% RB, 20 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.34         ± 9.6 %           10912         AAA         SG NR (DFT=o-FDM, 50% RB, 30 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10913         AAA         SG NR (DFT=o-FDM, 50% RB, 50 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10914         AAA         SG NR (DFT=o-FDM, 50% RB, 50 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.83         ± 9.6 %           10915         AAA         SG NR (DFT=o-FDM, 50% RB, 80 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10914         AAA         SG NR (DFT=o-FDM, 100% RB, 10 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10917         AAA         SG NR (DFT=o-FDM, 100% RB, 20 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.84         ± 9.6						
10909         AAA         5G         NR         10 MHz, QPSK, 30 MHz)         SG NR R1 TDD         5.83         19.6 %           10909         AAA         5G NR (DFT=-0FDM, 50% RB, 10 MHz, QPSK, 30 KHz)         5G NR R1 TDD         5.83         19.6 %           10910         AAA         5G NR (DFT=-0FDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.33         19.6 %           10911         AAA         5G NR (DFT=-0FDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.34         19.6 %           10912         AAA         5G NR (DFT=-0FDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ±9.6 %           10913         AAA         5G NR (DFT=-0FDM, 50% RB, 40 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.83         ±9.6 %           10914         AAA         5G NR (DFT=-0FDM, 50% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.83         ±9.6 %           10916         AAA         5G NR (DFT=-0FDM, 100% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ±9.6 %           10917         AAA         5G NR (DFT=-0FDM, 100% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ±9.6 %           10920         AAA         5G NR (DT=-0FDM, 100% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ±		· · · · · · · · · · · · · · · · · · ·				
19990         AAA         56 NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.68         1.9.6%           19910         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.8.3         1.9.6%           19911         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.8.4         1.9.6%           19913         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.8.4         1.9.6%           19914         AAA         5G NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.8.5         1.9.6%           19915         AAA         5G NR (DFT-s-OFDM, 50% RB, 80 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.8.7         1.9.6%           19916         AAA         5G NR (DFT-s-OFDM, 50% RB, 80 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.8.8         1.9.6%           19917         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.8.6         1.9.6%           19917         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.8.6         1.9.6%           19921         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, OPSK, 30 KHz)         5G NR FRT TDD         5.8.4         <			5G NR (DET-S-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz)			
10910         AAA         SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.83         ±9.6 %           10911         AAA         SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ±9.6 %           10912         AAA         SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ±9.6 %           10913         AAA         SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ±9.6 %           10914         AAA         SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.85         ±9.6 %           10915         AAA         SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.87         ±9.6 %           10917         AAA         SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.88         ±9.6 %           10918         AAA         SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.88         ±9.6 %           10921         AAA         SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.88         ±9.6 %           10922         AAA         SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ±9			50 MR (DET & OEDM, 50% DB, 45 MILE, OPOK, 30 KHZ)	****		
10911         AAA         56 NR (DFT-s-OPDM, 50% RB, 30 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.84         4.9.6 %           10912         AAA         56 NR (DFT-s-OPDM, 50% RB, 30 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.84         4.9.6 %           10913         AAA         56 NR (DFT-s-OPDM, 50% RB, 30 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.84         4.9.6 %           10914         AAA         56 NR (DFT-s-OPDM, 50% RB, 80 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.84         4.9.6 %           10915         AAA         56 NR (DFT-s-OPDM, 50% RB, 80 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.83         4.9.6 %           10917         AAA         56 NR (DFT-s-OPDM, 100% RB, 51 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.86         4.9.6 %           10918         AAA         56 NR (DFT-s-OPDM, 100% RB, 51 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.86         +9.6 %           10920         AAA         56 NR (DFT-s-OPDM, 100% RB, 20 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.84         +9.6 %           10921         AAA         56 NR (DFT-s-OPDM, 100% RB, 20 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.84         +9.6 %           10921         AAA         56 NR (DFT-s-OPDM, 100% RB, 50 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.84			50 NR (DFT-S-OFDM, 50% RB, 15 MHZ, QPSK, 30 KHZ)			
19912         AAA         56 NR (DFT=s-OFDM, 50% RB, 30 MHz, OPSK, 30 KHz)         56 NR FR1 TDD         5.84         ± 9.6 %           19913         AAA         56 NR (DFT=s-OFDM, 50% RB, 50 MHz, OPSK, 30 KHz)         56 NR FR1 TDD         5.84         ± 9.6 %           19914         AAA         56 NR (DFT=s-OFDM, 50% RB, 50 MHz, OPSK, 30 KHz)         56 NR FR1 TDD         5.83         ± 9.6 %           19916         AAA         56 NR (DFT=s-OFDM, 50% RB, 80 MHz, OPSK, 30 KHz)         56 NR FR1 TDD         5.83         ± 9.6 %           19917         AAA         50 NR (DFT=s-OFDM, 50% RB, 80 MHz, OPSK, 30 KHz)         56 NR FR1 TDD         5.86         ± 9.6 %           19919         AAA         56 NR (DFT=s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz)         56 NR FR1 TDD         5.86         ± 9.6 %           19921         AAA         56 NR (DFT=s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz)         56 NR FR1 TDD         5.84         ± 9.6 %           19922         AAA         56 NR (DFT=s-OFDM, 100% RB, 20 MHz, OPSK, 30 kHz)         56 NR FR1 TDD         5.84         ± 9.6 %           19924         AAA         56 NR (DFT=s-OFDM, 100% RB, 20 MHz, OPSK, 30 kHz)         56 NR FR1 TDD         5.84         ± 9.6 %           19924         AAA         56 NR (DFT=s-OFDM, 100% RB, 20 MHz, OPSK, 30 kHz)         56 NR FR1 TDD         5.84			50 NR (DFT-s-OFDM, 50% RB, 20 MHZ, QPSK, 30 KHZ)			
10913         AAA         6G NR (DFT-s-OFDM, 50%, RB, 40 MHz, QPSK, 30 KHz)         5G NR RF1 TDD         5.8.4         ± 9.6.%           10914         AAA         5G NR (DFT-s-OFDM, 60%, RB, 50 MHz, QPSK, 30 KHz)         5G NR RF1 TDD         5.8.5         ± 9.6.%           10915         AAA         5G NR (DFT-s-OFDM, 50%, RB, 60 MHz, QPSK, 30 KHz)         5G NR RF1 TDD         5.8.8         ± 9.6.%           10916         AAA         5G NR (DFT-s-OFDM, 50%, RB, 80 MHz, QPSK, 30 KHz)         5G NR RF1 TDD         5.8.7         ± 9.6.%           10917         AAA         5G NR (DFT-s-OFDM, 100%, RB, 50 MHz, QPSK, 30 KHz)         5G NR RF1 TDD         5.8.6         ± 9.6.%           10918         AAA         5G NR (DFT-s-OFDM, 100%, RB, 50 MHz, QPSK, 30 KHz)         5G NR RF1 TDD         5.8.6         ± 9.6.%           10920         AAA         5G NR (DFT-s-OFDM, 100%, RB, 20 MHz, QPSK, 30 KHz)         5G NR RF1 TDD         5.8.4         ± 9.6.%           10921         AAA         5G NR (DFT-s-OFDM, 100%, RB, 20 MHz, QPSK, 30 KHz)         5G NR RF1 TDD         5.8.4         ± 9.6.%           10922         AAA         5G NR (DFT-s-OFDM, 100%, RB, 20 MHz, QPSK, 30 KHz)         5G NR RF1 TDD         5.8.4         ± 9.6.%           10923         AAA         5G NR (DFT-s-OFDM, 100%, RB, 20 MHz, QPSK, 13 KHz)         5G NR RF1 TDD			SG NR (DFT-S-OFDM, 50% RB, 25 MHZ, QPSK, 30 KHZ)		5.93	± 9.6 %
10914         AAA         6G NR (DFT=OFDM, 50% RB, 50 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.85         ± 9.6 %           10915         AAA         5G NR (DFT=OFDM, 50% RB, 60 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.83         ± 9.6 %           10916         AAA         5G NR (DFT=oFDM, 50% RB, 80 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.83         ± 9.6 %           10917         AAA         5G NR (DFT=oFDM, 50% RB, 100 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.86         ± 9.6 %           10918         AAA         5G NR (DFT=oFDM, 100% RB, 10 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.86         ± 9.6 %           10921         AAA         5G NR (DFT=oFDM, 100% RB, 10 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.87         ± 9.6 %           10921         AAA         5G NR (DFT=oFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.84         ± 9.6 %           10922         AAA         5G NR (DFT=oFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.84         ± 9.6 %           10922         AAA         5G NR (DFT=oFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.84         ± 9.6 %           10924         AAA         5G NR (DFT=oFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR RR1 TDD         5.84         ± 9.6 % <td></td> <td></td> <td></td> <td></td> <td>5.84</td> <td>± 9.6 %</td>					5.84	± 9.6 %
10915       AAA       5G NR (DFT-s-OFDM, 50% RB, 90 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.83       ± 9.6 %         10917       AAA       5G NR (DFT-s-GPDM, 50% RB, 90 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.87       ± 9.6 %         10918       AAA       5G NR (DFT-s-GPDM, 100% RB, 5 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.86       ± 9.6 %         10919       AAA       5G NR (DFT-s-GPDM, 100% RB, 15 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.86       ± 9.6 %         10921       AAA       5G NR (DFT-s-GPDM, 100% RB, 15 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.86       ± 9.6 %         10922       AAA       5G NR (DFT-s-GPDM, 100% RB, 20 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10922       AAA       5G NR (DFT-s-GPDM, 100% RB, 20 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10922       AAA       5G NR (DFT-s-GPDM, 100% RB, 50 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10924       AAA       5G NR (DFT-s-GPDM, 100% RB, 50 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10924       AAA       5G NR (DFT-s-GPDM, 100% RB, 50 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10925       AAA       5G NR (DFT-s-GPDM,			5G NR (DFT-S-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)		5.84	± 9.6 %
10916       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.87       ± 9.6 %         10917       AAA       5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.94       ± 9.6 %         10918       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.86       ± 9.6 %         10919       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.86       ± 9.6 %         10920       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10921       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.82       ± 9.6 %         10922       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10923       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10924       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10925       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10924       AAA       5G NR (DFT-s-OFDM			5G NR (DF I-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)		5.85	± 9.6 %
19917       AAA       SG NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.94       ± 9.6 %         19918       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.86       ± 9.6 %         19920       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.86       ± 9.6 %         19921       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.87       ± 9.6 %         19922       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         19922       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10922       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10924       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10924       AAA       5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10924       AAA       5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10922       AAA       5G NR (DFT-s-OFD			5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10918         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10919         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.88         ± 9.6 %           10920         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.88         ± 9.6 %           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10926         AAA         5G NR (DFT-s-OFDM, 1RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52			5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10919       AAA       SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 KHz)       SG NR FR1 TDD       5.86       ± 9.6 %         10920       AAA       SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 KHz)       SG NR FR1 TDD       5.84       ± 9.6 %         10921       AAA       SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)       SG NR FR1 TDD       5.84       ± 9.6 %         10922       AAA       SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)       SG NR FR1 TDD       5.84       ± 9.6 %         10923       AAA       SG NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)       SG NR FR1 TDD       5.84       ± 9.6 %         10924       AAA       SG NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)       SG NR FR1 TDD       5.84       ± 9.6 %         10925       AAA       SG NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)       SG NR FR1 TDD       5.94       ± 9.6 %         10926       AAA       SG NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)       SG NR FR1 TDD       5.84       ± 9.6 %         10927       AAA       SG NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 15 KHz)       SG NR FR1 TDD       5.52       ± 9.6 %         10929       AAA       SG NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 KHz)       SG NR FR1 FDD       5.52       ± 9.6 %         10931       AAA       SG NR (DFT-s-OFDM,			5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10919         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 %           10920         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.82         ± 9.6 %           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51			5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
19921         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.82         ± 9.6 %           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.82         ± 9.6 %           10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.95         ± 9.6 %           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.94         ± 9.6 %           10927         AAA         5G NR (DFT-s-OFDM, 108, 5 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 16 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ±				5G NR FR1 TDD	5,86	± 9.6 %
10921       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10922       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.82       ± 9.6 %         10924       AAA       5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10925       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10926       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.95       ± 9.6 %         10927       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.94       ± 9.6 %         10928       AAA       5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 13 KHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10929       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10930       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB,		AAA		5G NR FR1 TDD	5.87	± 9.6 %
19922         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.82         ± 9.6 %           10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.95         ± 9.6 %           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 %           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 %           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10928         AAA         5G NR (DFT-s-OFDM, 10% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         <		AAA		5G NR FR1 TDD	5.84	
10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10928         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ± 9	10922	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)		*******	
10924       AAA       5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10925       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.95       ± 9.6 %         10927       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.94       ± 9.6 %         10928       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10929       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10930       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz,	10923	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)			
10925       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.95       ± 9.6 %         10926       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.94       ± 9.6 %         10927       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.94       ± 9.6 %         10928       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10929       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10930       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz,	10924	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)			
10926       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.84       ± 9.6 %         10927       AAA       5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10929       AAA       5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10929       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10930       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK	10925	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)			******
10927       AAA       5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)       5G NR FR1 TDD       5.94       ±9.6 %         10928       AAA       5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ±9.6 %         10929       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ±9.6 %         10930       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ±9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) <td>10926</td> <td>AAA</td> <td></td> <td></td> <td></td> <td></td>	10926	AAA				
10928       AAA       5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ±9.6 %         10929       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ±9.6 %         10930       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ±9.6 %         10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ±9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ±9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	10927	AAA	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)			
1029       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ±9.6 %         10930       AAA       5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ±9.6 %         10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ±9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ±9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ±9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) <td>10928</td> <td>AAA</td> <td>5G NR (DFT-s-OFDM, 1 RB, 5 MHz, OPSK, 15 kHz)</td> <td></td> <td></td> <td></td>	10928	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, OPSK, 15 kHz)			
10930       AAA       5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.52       ± 9.6 %         10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPS	10929	AAA				
10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ±9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ±9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.80       ±9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ±9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ±9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	10930	AAA	5G NR (DET-s-OEDM 1 RB 15 MHz OPSK 15 kHz)			
10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.71       ±9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ±9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ±9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ±9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ±9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ±9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kH			5G NR (DET-S-OEDM 1 RB 20 MHz OPSK 15 kHz)			
10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.80       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz,			5G NR (DET-s-OEDM, 1 RB, 25 MHz, OPSK, 15 KHz)			
10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.80       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.88       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 50		<del>:</del>	5G NR (DET-s-OEDM 1 PR 30 MHz, QPSK, 15 KHz)			
10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB,			5G NR (DFT-s-OFDM 1 RB 40 MHz OPSK 15 KHz)			
10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.90         ± 9.6 %           10937         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6 %           10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6 %           10939         AAA         5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.90         ± 9.6 %           10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 %           10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 %           10941         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10943         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83						
10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100%					<u>{</u>	
10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100			SC NR (DET-SOEDM 50% DR 40 MUS ODOK 45 MEZ)			
10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100						
10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         19.6 %           10941         AAA         5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10943         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6 %           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87			50 NR (DET - S-OFDM, 50% RB, 15 MHZ, QPSK, 15 KHZ)		-	
10941         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10943         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6 %           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87			50 NR (DET - OEDM, 50% RB, 20 MHz, QPSK, 15 kHz)		5.82	± 9.6 %
10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10948       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10949       AAA       5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10949       AAA       5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10950       AAA       5G NR (DFT-s-OFDM,						± 9.6 %
10943         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6 %           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6 %           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94				· · · · · · · · · · · · · · · · · · ·	5.83	± 9.6 %
10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.81         ± 9.6 %           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6 %           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92						±9.6 %
10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6 %           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25				5G NR FR1 FDD	5.95	±9.6 %
10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25			5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	
10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %			5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	
10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %			5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD		
10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10952         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %			5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD		
10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10952         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %		AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)			
10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %		AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)			······
10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %	10950	AAA				
10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %           10052         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6 %		AAA				
	10952					
	10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %

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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	$\pm 9.6\%$
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	$\pm 9.6\%$
10960	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	$\pm 9.6\%$
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD		± 9.6 %
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)		9.55	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 KHz)	5G NR FR1 TDD	9.29	±9.6%
10966	AAA	EC ND DL (OP-OFDM, TM 5.1, TO MHZ, 64-QAM, 30 KHZ)	5G NR FR1 TDD	9.37	± 9.6 %
		5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6 %
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6 %
				1 0.10	1 - 0.0 /0 1

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

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





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PC Test Client

Certificate No: EX3-7551\_Oct20

## **CALIBRATION CERTIFICATE**

Object	EX3DV4 - SN:7551	
Calibration procedure(s)	QA CAL-01.v9, QA CAL-14.v6, QA CAL-23.v5, QA CAL-25.v7 Calibration procedure for dosimetric E-field probes	BNV 10-29-20
Calibration date:	October 20, 2020	
	ents the traceability to national standards, which realize the physical units of measurements (SI). tainties with confidence probability are given on the following pages and are part of the certificate.	
All calibrations have been conduct	ted in the closed laboratory facility: environment temperature (22 $\pm$ 3)°C and humidity < 70%.	
Calibration Equipment used (M&T	E critical for calibration)	

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: CC2552 (20x)	31-Mar-20 (No. 217-03106)	Арг-21
DAE4	SN: 660	27-Dec-19 (No. DAE4-660_Dec19)	Dec-20
Reference Probe ES3DV2	SN: 3013	31-Dec-19 (No. ES3-3013_Dec19)	Dec-20
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-20)	In house check: Jun-22
Network Analyzer 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	11.4
			J. Hafus
Approved by:	Katja Pokovic	Technical Manager	MA
			mag
			Issued: October 21, 2020

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

### Calibration Laboratory of

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





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#### Glossary: tissue simulating liquid TSL sensitivity in free space NORMx,y,z sensitivity in TSL / NORMx,y,z ConvF diode compression point DCP crest factor (1/duty\_cycle) of the RF signal CF modulation dependent linearization parameters A, B, C, D φ rotation around probe axis Polarization φ 9 rotation around an axis that is in the plane normal to probe axis (at measurement center), Polarization § i.e., $\vartheta = 0$ is normal to probe axis information used in DASY system to align probe sensor X to the robot coordinate system **Connector Angle**

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

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) 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 9 = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(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 (no uncertainty required). 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).

#### Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^A$	0.57	0.54	0.56	± 10.1 %
DCP (mV) <sup>B</sup>	101.8	100.1	98.3	

#### Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> (k=2)
0	CW	X	0,00	0.00	1.00	0.00	151.4	± 2.5 %	±4.7 %
0		Y	0.00	0.00	1.00		153.6		
		Z	0.00	0.00	1.00		151.0		
10352-	Pulse Waveform (200Hz, 10%)	X	20.00	94.39	23.37	10.00	60.0	± 3.6 %	± 9.6 %
AAA		Y	20.00	94.00	22.14		60.0	]	
		Z	82.00	112.00	27.00		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	20.00	95.23	22.76	6.99	80.0	± 2.4 %	±9.6 %
AAA		Y	20.00	96.43	22.48		80.0	]	
,		Z	20.00	98.25	23.14		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	96.33	21.93	3.98	95.0	± 1.5 %	± 9.6 %
AAA		Y	20.00	99.22	22.66		95.0		
		Z	20.00	110.32	27.13		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	20.00	100.56	22.75	2.22	120.0	± 1.1 %	± 9.6 %
AAA		Y	20.00	107.02	25.17		120.0	_	
		Z	20.00	109.55	25.03		120.0		
10387-	QPSK Waveform, 1 MHz	X	1.75	65.19	14.65	1.00	150.0	± 2.9 %	± 9.6 %
AAA		Y	1.81	67.14	15.67	]	150.0	-	
		Z	1.65	69.91	15.91		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.28	67.37	15.27	0.00	150.0	± 1.2 %	± 9.6 %
AAA		Y	2.40	69.06	16.36		150.0	ļ	
		Z	2.07	68.54	16.24	<u> </u>	150.0	1	
10396-	64-QAM Waveform, 100 kHz	X	3.05	70.02	18.41	3.01	150.0	± 1.7 %	± 9.6 %
AAA		Y	2.89	70.53	19.01		150.0		
		Z	1.94	66.39	18.13		150.0		
10399-	64-QAM Waveform, 40 MHz	X	3.42	66.24	15.23	0.00	150.0	± 1.3 %	± 9.6 %
AAA		Y	3.52	67.10	15.83		150.0	_	
		Z	3.42	67.27	16.09		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	Х	4.85	65.13	15.16	0.00	150.0	± 2.8 %	± 9.6 %
AAA		Y	4.85	65.56	15.51		150.0		
		Z	4.66	65.99	15.94		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%.

<sup>&</sup>lt;sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 6).

<sup>&</sup>lt;sup>8</sup> Numerical linearization parameter: uncertainty not required.

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

	C1 fF	C2 fF	α V <sup>-1</sup>	T1 ms.V <sup>2</sup>	T2 ms.V <sup>1</sup>	T3 ms	T4 V⁻²	T5 V⁻¹	Т6
X	53.8	394.49	34.36	22.54	0.46	5.07	0.97	0.32	1.01
Y	45.3	333.64	34.69	17.82	0.00	5.08	0.89	0.24	1.01
z	26.6	208.51	38.81	9.63	0.34	5.10	0.00	0.10	1.01

#### **Sensor Model Parameters**

### **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	-61.8
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
750	41.9	0.89	10.15	10.15	10.15	0.39	0.98	± 12.0 %
835	41.5	0.90	9.96	9.96	9.96	0.25	1.25	± 12.0 %
1750	40.1	1.37	8.50	8.50	8.50	0.39	0.86	± 12.0 %
1900	40.0	1.40	8.12	8.12	8.12	0.36	0.86	± 12.0 %
2300	39.5	1.67	7.60	7.60	7.60	0.34	0.90	± 12.0 %
2450	39.2	1.80	7.28	7.28	7.28	0.34	0.90	± 12.0 %
2600	39.0	1.96	7.14	7.14	7.14	0.44	0.90	± 12.0 %
3300	38.2	2.71	6.62	6.62	6.62	0.35	1.30	± 13.1 %
3500	37.9	2.91	6.51	6.51	6.51	0.35	1.30	± 13.1 %
3700	37.7	3.12	6.48	6.48	6.48	0.35	1.30	± 13.1 %
3900	37.5	3.32	6.08	6.08	6.08	0.40	1.60	± 13.1 %
4100	37.2	3.53	6.00	6.00	6.00	0.40	1.60	± 13.1 %

## Calibration Parameter Determined in Head Tissue Simulating Media

<sup>c</sup> Frequency validity above 300 MHz of  $\pm$  100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to  $\pm$  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  $\pm$  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  $\pm$  110 MHz. <sup>F</sup> At frequencies below 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) can be relaxed to  $\pm$  10% if liquid compensation formula is applied to

<sup>F</sup> At frequencies below 3 GHz, the validity of tissue parameters ( $\varepsilon$  and  $\sigma$ ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters ( $\varepsilon$  and  $\sigma$ ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters. <sup>G</sup> Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is

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

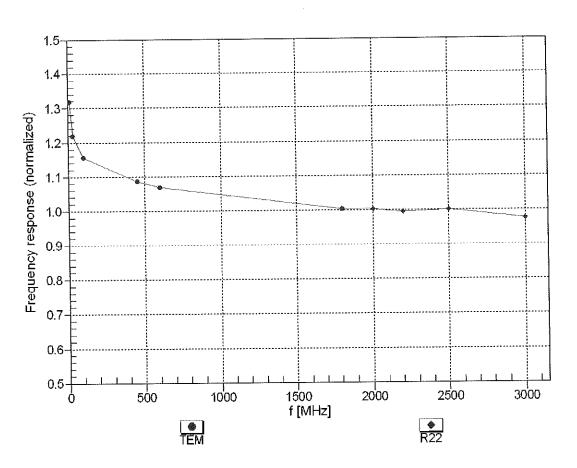
f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
750	55.5	0.96	10.00	10.00	10.00	0.43	0.88	± 12.0 %
835	55.2	0.97	9.94	9.94	9.94	0.45	0.80	± 12.0 %
1750	53.4	1.49	8.32	8.32	8.32	0.24	0.88	± 12.0 %
1900	53.3	1.52	7.84	7.84	7.84	0.43	0.88	± 12.0 %
2300	52.9	1.81	7.62	7.62	7.62	0.44	0.90	± 12.0 %
2450	52.7	1.95	7.46	7.46	7.46	0.39	0.90	± 12.0 %
2600	52.5	2.16	7.29	7.29	7.29	0.24	0.95	± 12.0 %
3300	51.6	3.08	6.47	6.47	6.47	0.40	1.30	± 13.1 %
3500	51.3	3.31	6.31	6.31	6.31	0.40	1.30	± 13.1 %
3700	51.0	3.55	6.41	6.41	6.41	0.40	1.40	± 13.1 %
3900	51.2	3.78	5.95	5.95	5.95	0.40	1.70	± 13.1 %
4100	50.5	4.01	5.68	5.68	5.68	0.40	1.70	± 13.1 %

## **Calibration Parameter Determined in Body Tissue Simulating Media**

<sup>c</sup> 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 Incretainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is  $\pm$  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  $\pm$  110 MHz. F At frequencies below 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) can be relaxed to  $\pm$  10% if liquid compensation formula is applied to

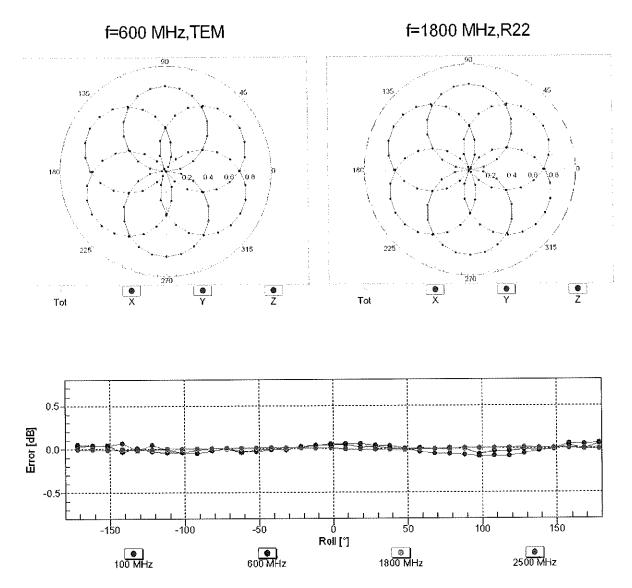
measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of

the ConvF uncertainty for indicated target tissue parameters. <sup>G</sup> Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than  $\pm$  1% for frequencies below 3 GHz and below  $\pm$  2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.



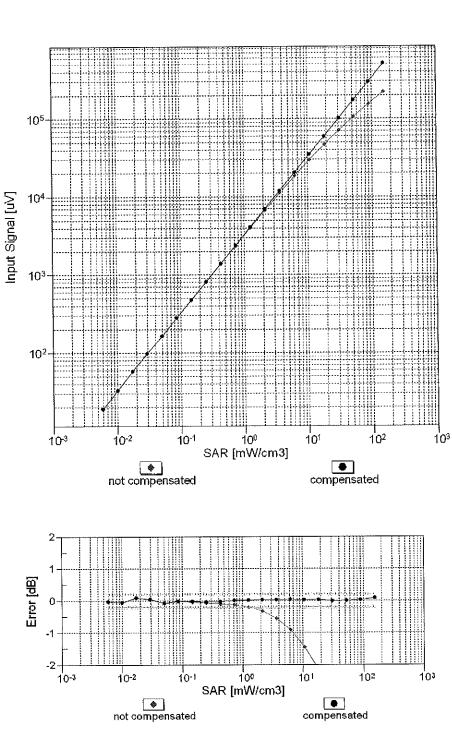
## Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)

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



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

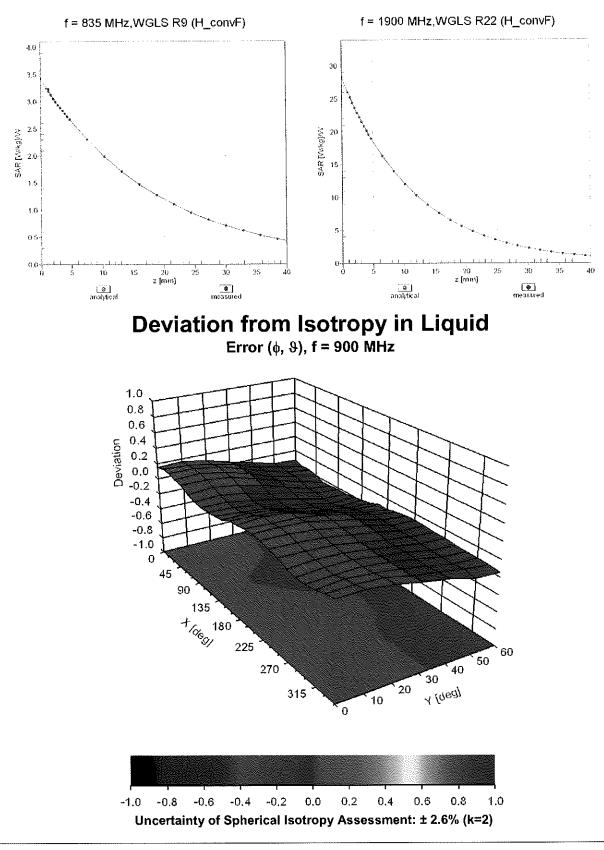
Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)



Dynamic Range f(SAR<sub>head</sub>) (TEM cell , f<sub>eval</sub>= 1900 MHz)

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

1



## **Conversion Factor Assessment**

## Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>⊧</sup> (k=2)
0		CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	±9.6 %
10011	CAB	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 WiFi 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	±9.6%
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 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 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035		IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6 %
10036		IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10038	CAA	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10033	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10042	CAB	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10048		DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10049	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10050		EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10050	DAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3,60	±9.6 %
10062	CAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.00	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 10 Mbps)	WLAN	9.38	± 9.6 %
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10067		IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069		IEEE 802.11a/h WiFi 5 GHz (OFDM, 40 Mbps)	WLAN	10.56	± 9.6 %
	CAD	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10071 10072		IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10072		IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.94	± 9.6 %
10073		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	10.30	± 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, 30 Mbps)	WLAN	10.94	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	11.00	± 9.6 %
		CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10081	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10082	CAB		GSM	6.56	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	WCDMA	3.98	± 9.6 %
10097	CAC	UMTS-FDD (HSDPA) UMTS-FDD (HSUPA, Subtest 2)	WCDMA	0.90	1 2 3.0 /0

40000		EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
10099	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9,6 %
10100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, GFOR)	LTE-FDD	6.42	± 9.6 %
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 10 QAM)	LTE-FDD	6,60	± 9.6 %
10102	CAB		LTE-TDD	9.29	± 9.6 %
10103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.97	± 9.6 %
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	10.01	± 9.6 %
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	5.80	± 9.6 %
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	6,43	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	5.75	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)			± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6 %
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6 %
10117	CAG	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6 %
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6 %
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6 %
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10162	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-FDD	6.21	± 9.6 %
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6 %
10100		LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10171		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 10-QAM)	LTE-TDD	10.25	± 9.6 %
10174	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 10-QAM)	LTE-FDD	5.73	± 9.6 %
10177	CAE		LTE-FDD	6.52	± 9.6 %
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)			± 9.6 %
10179	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %

10101		LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6 %
10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10184	CAG		LTE-FDD	6.51	± 9.6 %
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.50	± 9.6 %
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10187	CAG		LTE-FDD	6.52	± 9.6 %
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.50	± 9.6 %
10189	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	WLAN	8.09	± 9.6 %
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.12	± 9.6 %
10194	AAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)		8.21	± 9.6 %
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN		± 9.6 %
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	
10197	AAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAF	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6 %
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6 %
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254		LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9,96	± 9.6 %
10257		LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258		LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
1 10200	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD		± 9.6 %

10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10270	CAB		WCDMA	4.87	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)			± 9.6 %
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	
10277	CAD	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAD	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6 %
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	CAC	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	± 9.6 %
10302	CAB	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	± 9.6 %
10302		IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12.52	± 9.6 %
10304	CAB	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	11.86	± 9.6 %
10304	CAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	15.24	± 9.6 %
10306		IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	14.67	± 9.6 %
	CAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WIMAX	14.49	± 9.6 %
10307	AAB		WIMAX	14.46	± 9.6 %
10308	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.40	± 9.6 %
10309	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)			
10310	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WIMAX	14.57	$\pm 9.6\%$
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAD	IDEN 1:3	IDEN	10.51	± 9.6 %
10314	AAD	iDEN 1:6	IDEN	13.48	± 9.6 %
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAD	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387		QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399		64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10333		IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
		IEEE 802.11ac WiFI (40MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10402		•	CDMA2000	3.76	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	1		± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	
10406	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6

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10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	±9.6 %
10415		IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8,23	± 9.6 %
10417	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10422	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10423	AAA	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10424	AAE		WLAN	8.41	± 9.6 %
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.45	± 9.6 %
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.41	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)			· · · · · · · · · · · · · · · · · · ·
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAG	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAC	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10405	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
L	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-0AM, 01 Sub)	LTE-TDD	7.82	± 9.6 %
10473		LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QFSR, 0L Sub)	LTE-TDD	8.32	± 9.6 %
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10475	AAD		LTE-TDD	8.37	± 9.6 %
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)			± 9.6 %
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 % ± 9.6 %
10480		LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8,45	± 9.6 %
10482		LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483		LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %

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10100		LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	±9.6 %
10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0PSR, 0E 500) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10 QAM, 0L Sub)	LTE-TDD	8.54	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 04-04Mi, 6L Sub)	LTE-TDD	7.74	± 9.6 %
10491	AAF		LTE-TDD	8.41	± 9.6 %
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8,55	± 9.6 %
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	7.74	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	8.37	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD		± 9.6 %
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)		7.67	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6 %
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	±9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	±9.6 %
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6 %
10515	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	±9.6 %
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAF	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	±9.6 %
10519	AAF	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	±9.6%
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	±9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524		IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10524	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10520	AAF	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10527	AAF	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10528	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 35pc dc)	WLAN	8.43	± 9.6 %
10531	AAF	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10532		IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.38	± 9.6 %
	AAE	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10534	AAE	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10535		IEEE 802.11ac WiFi (40MHz, MCS1, 99bc dc)	WLAN	8.32	± 9.6 %
10536	AAF	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10537	AAF	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.54	± 9.6 %
10538	AAF	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10540	AAA		WLAN	8.46	± 9.6 %
10541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.65	± 9.6 %
10542		IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.03	± 9.6 %
10544	AAC	1EEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)			± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	1 3.0 %

10510		IEEE 000 44 co MEE (20MUr MCC2, 00co do)	WLAN	8.35	±9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc) IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10547	AAC		WLAN .	8,37	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.38	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)			± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)		8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAC	1EEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	±9.6%
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	±9.6 %
10566	AAC	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAC	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	±9.6 %
10569	AAC	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572		IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAC	IEEE 802.11g Wil 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OF DM, 12 Mbps, 60pc dc)	WLAN	8.49	± 9.6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OF DM, 24 MDS, 50pc dc)	WLAN	8.76	± 9.6 %
10580	AAD	_	WLAN	8.35	± 9.6 %
10581	AAD	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10582	AAD	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)			± 9.6 %
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	1
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	±9.6 %
10590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601		IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %

10604		IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	±9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8,77	±9.6 %
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFI (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.70	± 9.6 %
10611	AAC	IEEE 802.11ac WiFI (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10612	AAC	IEEE 802.11ac WiFI (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.59	± 9.6 %
10614	AAC		WLAN	8.82	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)			± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WIFI (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	±9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WIFI (160MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640		IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10645	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10648	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
	AAC	LTE-TDD (OFDMA, 5 WHZ, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10655	AAC		Test	10.00	± 9.6 %
10658	AAC	Pulse Waveform (200Hz, 10%)			
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %

10672	AAD	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10672	AAD	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAD	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAD	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAD	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6 %
10677		IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAD	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10679	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8,80	± 9.6 %
10681	AAD	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
	AAG	IEEE 802.11ax (20MHz, MCS10, 30pc dc)	WLAN	8.83	± 9.6 %
10682	AAF	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10683	AAA		WLAN	8.26	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.33	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.28	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)			± 9.6 %
10687	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	
10688	AAE	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	±9.6 %
10689	AAD	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAE	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8,29	± 9.6 %
10691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	±9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	±9.6%
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	±9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	ΑΑΑ	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	±9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	±9.6%
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	±9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10717		IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10710		IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10721		IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10722		IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.70	± 9.6 %
1	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10724	AAC	•	WLAN		± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)		8.74	
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %

40700		IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	±9.6 %
10728	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.67	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS), 90pc dc)	WLAN	8.42	± 9.6 %
10731	AAC		WLAN	8.46	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8,40	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)		8.25	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN		
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	±9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	±9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	±9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	±9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752		IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 350c dc)	WLAN	8.69	± 9.6 %
10758	AAC		WLAN	8.58	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.49	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.58	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)			± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6%
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,03	±9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAC	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	AAC	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 FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
		5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
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10780	AAC		5G NR FR1 TDD	8.38	± 9.6 %
·	AAC AAC AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)           5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.38 8.43	± 9.6 % ± 9.6 %

40704		5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10787	AAC		5G NR FR1 TDD	8.39	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)			± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6 %
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6 %
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	AAD	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	AAC	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	AAC	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 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6 %
10831	AAD	5G NR (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		5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10839	· • • • • • • • • • • • • • • • • • • •	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10840		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, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 30% NB, 30 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 %
	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.37	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.35	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10858	AAD		5G NR FR1 TDD	8.34	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)		0.34	1 2 3.0 70

<u> </u>			5G NR FR1 TDD	8,41	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 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	8.37	± 9.6 %
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)			± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6 %
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	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	AAD	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-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908		5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909		5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10909		5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6%
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,84	± 9.6 %
10912		5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QFSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QFSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QFSK, 30 KHz)	5G NR FR1 TDD	5.94	± 9.6 %
		5G NR (DFT-s-OFDM, 50% RB, 100 Min2, QF3K, 30 KHz)	5G NR FR1 TDD	5.86	± 9.6 %
10918	AAD		5G NR FR1 TDD	5.86	± 9.6 %
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		± 9.6 %
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	JOINK FKT TOD	5.84	1 1 9.0 %

October 20, 2020

10922	A A 5	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.84	± 9.6 %
10923 10924	AAD	5G NR (DFT-S-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.95	± 9.6 %
10925	AAD		5G NR FR1 TDD		
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84 5.94	±9.6 % ±9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 FDD		± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52 5.52	±9.6 % ±9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD		
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)		5.51	± 9.6 % ± 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6 %
10945	AAB	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	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	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	AAB	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 %
40070	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10972					
10972	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %

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

## Calibration Laboratory of

Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland Iac-MRA



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

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Accreditation No.: SCS 0108

Certificate No: EX3-7409\_Jun20

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 PC Test

CALIBRATIC

Calibration procedure(s)

Object

<u> N</u>	CERTIFICATE	BNY
	<u>CENTROATE</u>	
	EX3DV4 - SN:7409	
	04 CAL 04 00 CAL 22 15 04 CAL 25 17	
	QA CAL-01.v9, QA CAL-23.v5, QA CAL-25.v7 Calibration procedure for dosimetric E-field probes	
	7211 201	_
	01701-20	,

Calibration date:

June 23, 2020

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	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: CC2552 (20x)	31-Mar-20 (No. 217-03106)	Apr-21
DAE4	SN: 660	27-Dec-19 (No. DAE4-660_Dec19)	Dec-20
Reference Probe ES3DV2	SN: 3013	31-Dec-19 (No. ES3-3013_Dec19)	Dec-20
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-19)	In house check: Oct-20

	Name	Function	Signature
Calibrated by:	Leif Klysner	Laboratory Technician	Sel Thr
			- 7 1794
Approved by:	Katja Pokovic	Technical Manager	ACC
			$\mathcal{U}$
			Issued: June 23, 2020

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

### **Calibration Laboratory of**

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





Schweizerischer Kalibrierdienst S

Service suisse d'étalonnage

Accreditation No.: SCS 0108

- С Servizio svizzero di taratura S
- Swiss Calibration Service

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### Glossary:

TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConvF	sensitivity in TSL / NORMx,y,z
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization $\phi$	φ rotation around probe axis
Polarization 9	9 rotation around an axis that is in the plane normal to probe axis (at measurement center),
	i.e., $\vartheta = 0$ is normal to probe axis

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

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

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) 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  $\vartheta = 0$  (f  $\leq 900$  MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(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 (no uncertainty required). 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).

#### Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^A$	0.38	0.33	0.38	± 10.1 %
DCP (mV) <sup>B</sup>	95.5	100.0	95.0	

#### **Calibration Results for Modulation Response**

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> (k=2)
0	CW	X	0.00	0.00	1.00	0.00	164.4	± 3.3 %	± 4.7 %
0		Y	0.00	0.00	1.00		150.4		
		Z	0.00	0.00	1.00		159.0		
10352-	Pulse Waveform (200Hz, 10%)	X	1.67	61.67	7.23	10.00	60.0	± 2.7 %	±9.6 %
AAA		Y	2,16	64.58	9.60		60.0		
		Z	2.15	64.18	8.94		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	0.80	60.00	5.37	6.99	80.0	± 2.1 %	± 9.6 %
AAA		Y	1.43	64,93	8.77		80.0		
		Z	0.90	61.03	6.61		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	24.00	76.00	9.00	3.98	95.0	± 1.4 %	± 9.6 %
AAA		Y	1.35	68.83	9.52		95.0		
		Z	0.43	60.57	5.82		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	0.22	60.00	4.29	2.22	120.0	± 0.9 %	± 9.6 %
AAA		Y	20.00	92.55	16.12		120.0		
		Z	20.00	88.05	14.28		120.0		
10387-	QPSK Waveform, 1 MHz	X	1.76	75.04	18.44	1.00	150.0	± 2.9 %	± 9.6 %
AAA		Y	1.57	66.93	14.91		150.0		
		Z	1.78	68.16	15.92		150.0		
10388-	QPSK Waveform, 10 MHz	X	1.96	69.24	16.69	0.00	150.0	± 1.1 %	± 9.6 %
AAA		Y	2.07	67.30	15.48		150.0		
		Z	2.31	68.85	16.40	Ì	150.0		
10396-	64-QAM Waveform, 100 kHz	X	1.77	64.95	16.31	3.01	150.0	± 1.1 %	± 9.6 %
AAA		Y	2.08	66.49	16.95		150.0	_	
		Z	1.99	65.39	16.69		150.0		
10399-	64-QAM Waveform, 40 MHz	X	3.27	67.44	16.13	0.00	150.0	± 0.9 %	± 9.6 %
AAA		Y	3.29	66.23	15.37		150.0	]	
		Z	3.46	66.99	15.86		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.37	66.33	15,92	0.00	150.0	± 1.4 %	± 9.6 %
AAA		Y	4.56	65.17	15.29		150.0		
		Z	4,74	65.59	15.59		150.0		1

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%.

<sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 6).

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

<sup>&</sup>lt;sup>B</sup> Numerical linearization parameter: uncertainty not required.

	C1 fF	C2 fF	α V <sup>-1</sup>	T1 ms.V <sup>-2</sup>	T2 ms.V <sup>−1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	T6
X	16.7	122.16	34.28	3.57	0.00	4.90	0.56	0.00	1.00
- <u>×</u>	31.3	231.62	35.05	2.34	0.00	4.96	1.01	0.00	1.00
Z	35.5	263.43	35.26	4.37	0.00	4.93	0.42	0.11	1.00

#### **Sensor Model Parameters**

### **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	41
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.

f (MHz) <sup>c</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
750	41.9	0.89	10.00	10.00	10.00	0.47	0.93	± 12.0 %
835	41.5	0.90	9.56	9.56	9.56	0.53	0.80	± 12.0 %
1750	40.1	1.37	8.38	8.38	8.38	0.30	0.86	± 12.0 %
1900	40.0	1.40	8.08	8.08	8.08	0.37	0.86	± 12.0 %
2300	39.5	1.67	7.55	7.55	7.55	0.34	0.90	± 12.0 %
2450	39.2	1.80	7.27	7.27	7.27	0.32	0.92	± 12.0 %
2600	39.0	1.96	7.03	7.03	7.03	0.38	0.90	± 12.0 %

#### **Calibration Parameter Determined in Head Tissue Simulating Media**

<sup>c</sup> Frequency validity above 300 MHz of  $\pm$  100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to  $\pm$  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  $\pm$  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  $\pm$  110 MHz. <sup>F</sup> At frequencies below 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) can be relaxed to  $\pm$  10% if liquid compensation formula is applied to

measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of

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

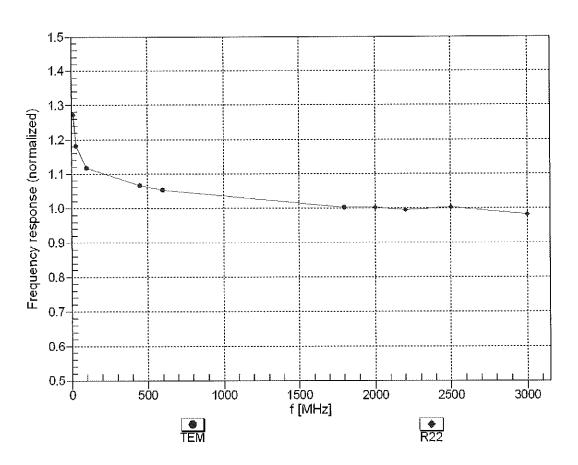
f (MHz) <sup>c</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
750	55.5	0.96	9.98	9.98	9.98	0.46	0.80	± 12.0 %
835	55.2	0.97	9.76	9.76	9.76	0.49	0.80	± 12.0 %
1750	53.4	1.49	7.95	7.95	7.95	0.40	0.86	± 12.0 %
1900	53.3	1.52	7.69	7.69	7.69	0.39	0.86	± 12.0 %
2300	52.9	1.81	7.50	7.50	7.50	0.38	0.90	± 12.0 %
2450	52.7	1.95	7.24	7.24	7.24	0.39	0.90	± 12.0 %
2600	52.5	2.16	7.12	7.12	7.12	0.31	0.94	± 12.0 %

#### **Calibration Parameter Determined in Body Tissue Simulating Media**

<sup>c</sup> Frequency validity above 300 MHz of  $\pm$  100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to  $\pm$  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  $\pm$  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  $\pm$  110 MHz.

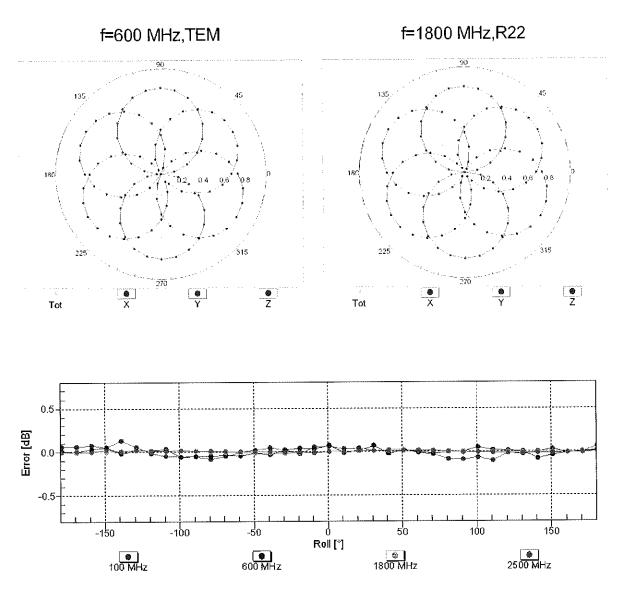
measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (c and o) is restricted to ± 5%. The uncertainty is the RSS of

the ConvE uncertainty for indicated target tissue parameters. <sup>G</sup> Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.



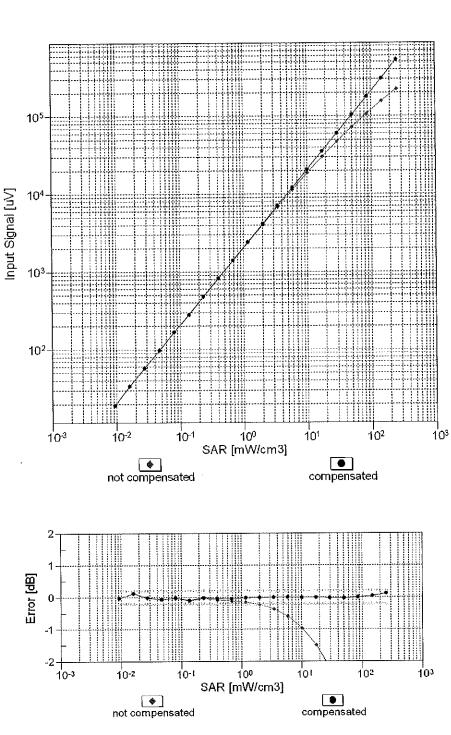
## Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)

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



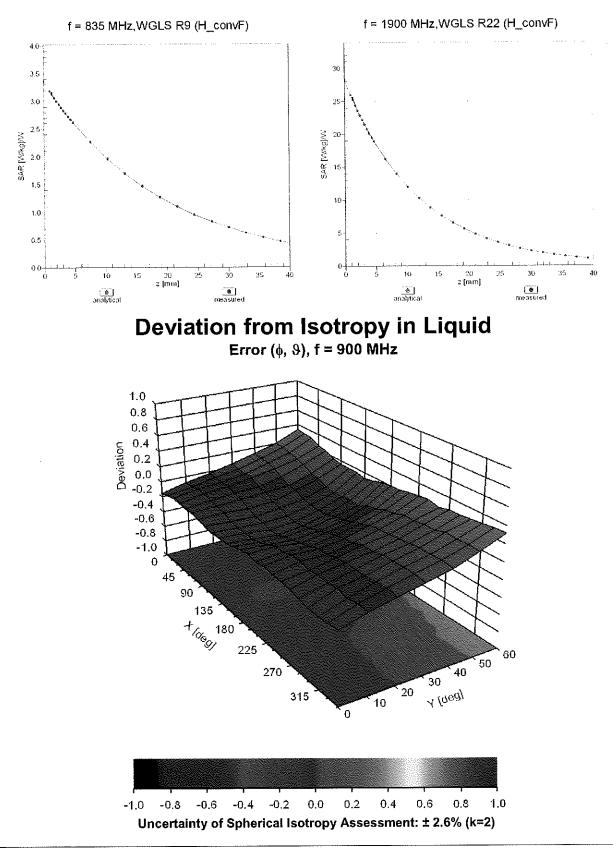
# Receiving Pattern ( $\phi$ ), $\vartheta = 0^{\circ}$

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



## Dynamic Range f(SAR<sub>head</sub>) (TEM cell , f<sub>eval</sub>= 1900 MHz)

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



## **Conversion Factor Assessment**

## **Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>t</sup> (k=2)
0		CW	CW	0.00	±4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	±9.6 %
10011	CAB	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 WIFI 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	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 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 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WIFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WIFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 %
10062	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9,6 %
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB		WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10073	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 %
10070		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6 %
10077	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10081	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10030	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6 %
10100		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10102			LTE-TDD	9.29	± 9.6 %
10103	CAG		LTE-TDD	9.97	± 9.6 %
10104			LTE-TDD	10.01	± 9.6 %
1 10100		LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %

					0.0.0/
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6%
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 % ± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59 6.62	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	WLAN	8.10	± 9.6 %
10114	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.46	±9.6 %
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.15	± 9.6 %
10116	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.07	± 9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.59	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10119	CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) I LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 13 MHz, 10-QAM)	LTE-FDD	6.53	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 13 MHz, 04-04W)	LTE-FDD	5.73	± 9.6 %
10142	CAE CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6 %
10147	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6 %
10150	CAL	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	$\pm 9.6\%$
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 % ± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	$\pm 9.6\%$
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.72	±9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	6.52	± 9.6 %
10182		LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.50	$\pm 9.6\%$
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	$\pm 9.6\%$
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10185		LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.50	± 9.6 %
10186 10187	AAE CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10187		LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GF3R)	LTE-FDD	6.52	± 9.6 %
10188	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 10-QAW)	LTE-FDD	6.50	± 9.6 %
10189	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
1 10120	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
i					± 9.6 %
10194		IEEE 802 11n (HT Greenfield 65 Mbps 64-OAM)	VYLAN	1 0.Z1	T 5,0 70
10194 10195	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN WLAN	8,21	
10194 10195 10196	CAC CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN WLAN WLAN	8.10	± 9.6 % ± 9.6 %
10194 10195	CAC		WLAN	8.10	± 9.6 %

10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10220	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10223	CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10224	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10226		LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10230	CAD		LTE-TDD	9,19	± 9.6 %
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.48	± 9.6 %
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	10.25	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)		9.21	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.48	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	10.25	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	9.21	$\pm 9.6\%$
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.48	$\pm 9.6\%$
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)			
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	$\pm 9.6\%$
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)		9.82	$\pm 9.6\%$
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10265		LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10268		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 10-(3AM)	LTE-TDD	10.13	± 9.6 %
		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10270		UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10274	CAB		WCDMA	3.96	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	PHS	11.81	± 9.6 %
10277		PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS PHS		$\pm 9.6\%$
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)		12.18	
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	$\pm 9.6\%$
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	$\pm 9.6\%$
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	5.72	±96%
10299	AAD		LTE-FDD	6.39	± 9.6 %

					106%
10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	15.24	± 9.6 %
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WIMAX	14.58	±9.6 %
10310	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WIMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	IDEN 1:3	IDEN	10.51	± 9.6 %
10314	AAA	IDEN 1:6	IDEN	13.48	±9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10310	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10353		Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10354	AAA		Generic	2.22	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	0.97	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	5.10	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.22	$\pm 9.6\%$
10388	AAA	QPSK Waveform, 10 MHz	Generic	6.27	$\pm 9.6\%$
10396	AAA	64-QAM Waveform, 100 kHz			± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	$\pm 9.6\%$
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	$\pm 9.6\%$
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10422	AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
		IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10425	AAB AAB	IEEE 802.11n (HT Greenfield, 10 Mbps, brok)	WLAN	8.45	± 9.6 %
10426	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 10-GAM)	WLAN	8.41	± 9.6 %
10427	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
		LTE-FDD (OFDMA, 3 MHZ, E-1M 3.1)	LTE-FDD	8.38	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-1M 3.1)	LTE-FDD	8.34	± 9.6 %
10432	AAC		LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	WCDMA	8.60	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	LTE-TDD	7.82	$\pm 9.6\%$
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)			
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6%
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
	AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
10456	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10456 10457	I AAA		000440000	6.55	±9.6 %
	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000		
10457		CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10457 10458 10459	AAA AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)			± 9.6 % ± 9.6 %
10457 10458	AAA		CDMA2000	8.25	± 9.6 %

					+06%
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	<u>±9.6 %</u> ±9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7,82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	±9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	±9.6 %
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10400	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10490	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6%
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10490	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10504		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 10-GAM, 0L Sub)	LTE-TDD	8.54	± 9.6 %
10505	AAF	LTE TOD (SC-FDMA, 100% RB, 5 MHZ, 04-0AM, 02 Sub)	LTE-TDD	7.74	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TOD	8.36	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	7.99	± 9.6 %
10509		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	8.49	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)		7.74	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)		8.42	$\pm 9.6\%$ $\pm 9.6\%$
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)			
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)		8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	±9.6%
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	$\pm 9.6\%$
10518	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	$\pm 9.6\%$
10519	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
40500	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10523		IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10523	AAB				
	AAB AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10524					± 9.6 % ± 9.6 % ± 9.6 %

10528	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	±9.6 %
10529	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	±9.6 %
10532	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	±9.6 %
10534	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	±9.6 %
10535	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	±9.6 %
10536	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	±9.6 %
10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	±9.6 %
10541	AAB	IEEE 802.11ac WIFI (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAB	IEEE 802.11ac WiFI (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
10547	AAB	IEEE 802.11ac WiFI (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10551	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	±9.6 %
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	±9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	±9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6%
40504	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10591		IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10591	AAB				
	AAB AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10592			WLAN WLAN WLAN	8.64 8.74 8.74	± 9.6 % ± 9.6 % ± 9.6 %

				074	±9.6 %
10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	$\pm 9.6\%$
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN		± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	$\pm 9.6\%$
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	$\pm 9.6\%$
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	<u>±9.6 %</u>
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	±9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8,82	± 9.6 %
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAB	IEEE 802.11ac WIFI (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	±9.6 %
10613	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
j	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6 %
10615 10616	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 30pc dc)	WLAN	8.81	± 9.6 %
10617		IEEE 802.11ac WiFi (40MHz, MCS1, 30pc dc)	WLAN	8.58	± 9.6 %
10618	AAB	IEEE 802.11ac WiFI (40MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10619	AAB	IEEE 802.11ac WiFI (40MHz, MCS3, 90pc dc)	WLAN	8.87	± 9.6 %
10620	AAB		WLAN	8.77	± 9.6 %
10621	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.68	± 9.6 %
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.82	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.96	± 9.6 %
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)			± 9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	
10626	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	±9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	±9.6 %
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6 %
10638	AAC	IEEE 802.11ac WIFI (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8,98	±9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
		IEEE 802.11ac WiFi (160MHz, MCS0, 30pc dc)	WLAN	8.89	±9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.11	± 9.6 %
10645	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	±9.6 %
10646	AAG		LTE-TDD	11.96	±9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	CDMA2000	3.45	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	LTE-TDD	6.91	$\pm 9.6\%$
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)		7.42	± 9.6 %
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)			± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10661					I G W.
10661 10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
		Pulse Waveform (200Hz, 80%) Bluetooth Low Energy IEEE 802.11ax (20MHz, MCS0, 90pc dc)	Bluetooth	2.19	± 9.6 %

10672	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAA	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAA	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	±9.6 %
10679	AAA	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	±9.6 %
10681	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	±9.6 %
10682	AAA	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802,11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
	AAA	IEEE 802.11ax (20MHz, MCS1, 35pc dc)	WLAN	8.33	± 9.6 %
10685		IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.28	± 9.6 %
10686	AAA		WLAN	8.45	± 9.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.29	$\pm 9.6\%$
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc dc)		8.55	± 9.6 %
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN		
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	$\pm 9.6\%$
10691	AAA	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	±9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	±9.6%
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAA	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	±9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	±9.6 %
10713	AAA	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10713	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8,45	± 9.6 %
		IEEE 802.11ax (40MHz, MCS0, 30pc dc)	WLAN	8.30	± 9.6 %
10716		IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10717	AAA	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.24	± 9.6 %
10718		IEEE 802.11ax (400Hz, MCS11, 99pc dc)	WLAN	8.81	± 9.6 %
10719	AAA	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.87	± 9.6 %
10720	AAA		WLAN	8.76	± 9.6 %
10721		IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.55	± 9.6 %
10722		IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.70	± 9.6 %
10723	AAA	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN		$\pm 9.6\%$
10724	AAA	IEEE 802.11ax (80MHz, MCS5, 90pc dc)		8,90	$\pm 9.6\%$
10725	AAA	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN MILAN	8.74	
10726	AAA	1EEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAA	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAA	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAA	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10/34	1	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %

10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	±9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	±9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	±9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	±9.6 %
10746	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	±9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	±9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	±9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAA	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	±9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	±9.6 %
10761	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	±9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	±9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	±9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10705	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6 %
10775	AAB	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	AAB	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 FR1 TDD	8.34	± 9.6 %
10779	AAB	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.38	±9.6%
10781	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6 %
10782	AAC	5G NR (CP-OFDM, 30 % RB, 30 MHz, QFSK, 15 KHz)	5G NR FR1 TDD	8.31	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 3 Mil2, QPSK, 15 KHz)	5G NR FR1 TDD	8.29	± 9.6 %
	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 10 KHz)	5G NR FR1 TDD	8.40	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.35	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.44	±9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.39	±9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.37	±9.6 %
10789		5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.39	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 10 KHz)	5G NR FR1 TDD	7.83	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 3 Milz, QPSK, 30 KHz)	5G NR FR1 TDD	7.92	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.95	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 13 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.82	± 9.6 %
10794		5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.84	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.82	± 9.6 %
10796	AAC		5G NR FR1 TDD	8.01	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10799	AAC	DU NK (UP-UPDIN, TKB, DU NITZ, QPSN, SU KTZ)		1.00	- 0.0 70

10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAC	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8,43	± 9.6 %
10829	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6 %
10832	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9,6 %
10835	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	<u>±9.6 %</u>
10857	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6 %
10859	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	$\pm 9.6\%$
10868	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	$\pm 9.6\%$
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
		5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10877	AAD				±9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	
		5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	8.12 8.38	± 9.6 % ± 9.6 %
10878 10879	AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)           5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)           5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD	8.12 8.38 5.75	± 9.6 %       ± 9.6 %       ± 9.6 %
10878 10879 10880 10881 10882	AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)           5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)           5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)           5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD	8.12 8.38 5.75 5.96	± 9.6 %       ± 9.6 %       ± 9.6 %       ± 9.6 %
10878 10879 10880 10881 10882 10883	AAD AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)           5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)           5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)           5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)           5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)           5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD5G NR FR2 TDD	8.12 8.38 5.75 5.96 6.57	± 9.6 %           ± 9.6 %           ± 9.6 %           ± 9.6 %           ± 9.6 %
10878 10879 10880 10881 10882	AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)           5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)           5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)           5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD 5G NR FR2 TDD	8.12 8.38 5.75 5.96	± 9.6 %       ± 9.6 %       ± 9.6 %       ± 9.6 %

				6 65	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.65 7.78	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)		8.35	$\pm 9.6\%$
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD		± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	$\pm 9.6\%$
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8,41	
10897	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6 % ±9.6 %
10898	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	$\pm 9.6\%$
10900	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	<u>5.68</u> 5.68	± 9.0 %
10902	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.68	± 9.6 %
10903	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,68	$\pm 9.6\%$
10905	AAA	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)			± 9.6 %
10906	AAA	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	<u>5.68</u> 5.78	± 9.6 %
10907	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)			$\pm 9.6\%$
10908	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	<u>5.93</u> 5.96	± 9.6 %
10909	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	$\pm 9.6\%$ $\pm 9.6\%$
10910	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.83	$\pm 9.6\%$ $\pm 9.6\%$
10911	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	$\pm 9.6\%$
10912	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	$\pm 9.6\%$ $\pm 9.6\%$
10914	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	$\pm 9.0\%$ $\pm 9.6\%$
10915	AAA	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10916	AAA	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)		5.94	$\pm 9.6\%$
10917	AAA	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.86	$\pm 9.6\%$
10918	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	$\pm 9.6\%$
10920	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	$\pm 9.6\%$
10921	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10922	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	$\pm 9.6\%$
10923	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	$\pm 9.6\%$
10924	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10925	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	$\pm 9.6\%$
10926	AAA	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10927	AAA	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10928	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10931		5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QFSK, 15 KHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.51	$\pm 9.6\%$
10933		5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.51	±9.6 %
10935		5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.90	± 9.6 %
		5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10937	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10938	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10939		5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.89	±9.6 %
10940	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10941		5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6 %
10942	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6 %
10943		5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10944	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10945		5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.83	± 9.6 %
10948	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10947		5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6 %
10948	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6 %
10949		5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10950		5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10951	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6 %
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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	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6 %
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %

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

### **Calibration Laboratory of**

Schmid & Partner Engineering AG 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

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Accreditation No.: SCS 0108

Certificate No: EX3-7406\_Jun20

## **CALIBRATION CERTIFICATE** EX3DV4 - SN:7406 Object QA CAL-01.v9, QA CAL-14.v5, QA CAL-23.v5, QA CAL-25.v7 Calibration procedure(s) Calibration procedure for dosimetric E-field probes 07-01-2020 June 23, 2020 Calibration date: 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	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: CC2552 (20x)	31-Mar-20 (No. 217-03106)	Apr-21
DAE4	SN: 660	27-Dec-19 (No. DAE4-660_Dec19)	Dec-20
Reference Probe ES3DV2	SN: 3013	31-Dec-19 (No. ES3-3013_Dec19)	Dec-20
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-19)	In house check: Oct-20

	Name	Function	Signature	a en la estatut
Calibrated by:	Leif Klysner	Laboratory Technician	Sel Mar	
			-1 mon	
Approved by:	Katja Pokovic	Technical Manager	Alt	
			Issued: June 23, 2020	
This calibration certificat	e shall not be reproduced except in fu	Il without written approval of the lab	bratory.	

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







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- Swiss Calibration Service

Accreditation No.: SCS 0108

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#### **Glossary:**

TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConvF	sensitivity in TSL / NORMx,y,z
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 9	9 rotation around an axis that is in the plane normal to probe axis (at measurement center),
Fularization 6	$i \in \mathcal{A} = 0$ 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) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) 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 9 = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(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 (no uncertainty required). 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).

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^A$	0.48	0.43	0.46	± 10.1 %
$DCP (mV)^{B}$	99.4	94.6	98.3	

#### **Calibration Results for Modulation Response**

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> (k=2)
0	CW	X	0.00	0.00	1.00	0.00	136.9	± 3.3 %	±4.7 %
0		Y	0.00	0.00	1.00		152.7		
		Z	0.00	0.00	1.00		152.3		
10352-	Pulse Waveform (200Hz, 10%)	X	20.00	92.47	21.47	10.00	60.0	± 3.6 %	± 9.6 %
AAA	1 460 114111. (,,	Y	13.84	84.00	17.05		60.0		
,		Z	20.00	90.56	20.16		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	20.00	95.36	21.69	6.99	80.0	± 2.3 %	± 9.6 %
AAA		Y	20.00	90.00	17.99		80.0		
		Z	20.00	93.46	20.30		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	101.64	23.29	3.98	95.0	± 1.1 %	±9.6 %
AAA		Y	20.00	97.11	20.02		95.0		
		Z	20.00	100.49	22.19		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	20.00	109.15	25.49	2.22	120.0	± 1.0 %	± 9.6 %
AAA		Y	20.00	125.32	31.37		120.0	1	
		Z	20.00	104.47	22.82		120.0		
10387-	QPSK Waveform, 1 MHz	X	1.63	64.84	14.39	1.00	150.0	± 2.5 %	± 9.6 %
AAA		Y	2.54	78.32	19.84		150.0	4	
		Z	1.71	65.77	14.81		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.12	66.64	15.05	0.00	150.0	± 0.9 %	± 9.6 %
AAA		Y	2.26	70.88	17.66		150.0	4	
			2.25	67.61	15.50		150.0	1	
10396-	64-QAM Waveform, 100 kHz	X	2.75	69.15	18.09	3,01	150.0	± 0.9 %	± 9.6 %
AAA		Y	1.99	66.73	17.59	_	150.0		
		Z	2.46	67.47	17.28		150.0		
10399-	64-QAM Waveform, 40 MHz	X	3.46	66.55	15.45	0.00	150.0	± 0.8 %	± 9.6 %
AAA		Y	3.47	68.06	16.58	4	150.0	4	
		Z	3.42	66.39	15.39		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.87	65.40	15.36	0.00	150.0	± 1.8 %	± 9.6 %
AAA		Y	4.61	66.49	16.17	4	150.0	4	1
		Z	4.80	65.22	15.29		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%.

<sup>&</sup>lt;sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 6). <sup>B</sup> Numerical linearization parameter: uncertainty not required. <sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

#### Sensor Model Parameters

	C1 fF	C2 fF	α V <sup>-1</sup>	T1 ms.V <sup>-2</sup>	T2 ms.V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	Т6
Y	47.2	349.81	35.02	10.29	0.21	5.04	1.47	0.17	1.01
	22.3	166.33	35.67	7.09	0.00	5.02	0.40	0.08	1.00
7	46.2	344.43	35.35	7.82	0.14	5.03	0.43	0.27	1.00

## **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	94.3
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.

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
750	41.9	0.89	10.04	10.04	10.04	0.43	0.91	± 12.0 %
835	41.5	0.90	9.61	9.61	9.61	0.48	0.87	± 12.0 %
1750	40.1	1.37	8.32	8.32	8.32	0.33	0.86	± 12.0 %
1900	40.0	1.40	7.96	7.96	7.96	0.39	0.86	± 12.0 %
2300	39.5	1.67	7.76	7.76	7.76	0.31	0.95	± 12.0 %
2450	39.2	1.80	7.55	7.55	7.55	0.34	0.95	± 12.0 %
2600	39.0	1.96	7.39	7.39	7.39	0.41	0.90	± 12.0 %
5250	35.9	4.71	5.45	5.45	5.45	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.94	4.94	4.94	0.40	1.80	± 13.1 %
5750	35.4	5.22	5.15	5.15	5.15	0.40	1.80	± 13.1 %

## Calibration Parameter Determined in Head Tissue Simulating Media

<sup>c</sup> Frequency validity above 300 MHz of  $\pm$  100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to  $\pm$  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  $\pm$  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  $\pm$  9.49 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to  $\pm$  110 MHz.

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  $\pm$  110 MHz. F At frequencies below 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) can be relaxed to  $\pm$  10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) is restricted to  $\pm$  5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

the ConvF uncertainty for indicated target tissue parameters. <sup>6</sup> Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than  $\pm$  1% for frequencies below 3 GHz and below  $\pm$  2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

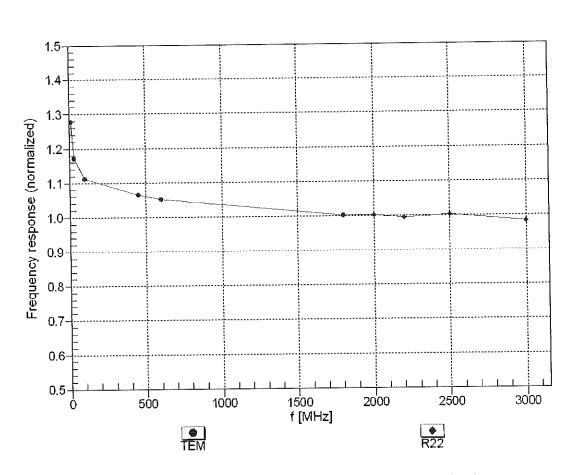
f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
750	55.5	0.96	9.66	9.66	9.66	0.37	0.97	± 12.0 %
835	55.2	0.97	9.47	9.47	9.47	0.42	0.80	± 12.0 %
1750	53.4	1.49	7.96	7.96	7.96	0.36	0.86	± 12.0 %
1900	53.3	1.52	7.69	7.69	7.69	0.43	0.86	± 12.0 %
2300	52.9	1.81	7.59	7.59	7.59	0.41	0.95	± 12.0 %
2450	52.7	1.95	7.43	7.43	7.43	0.35	0.95	± 12.0 %
2600	52.5	2.16	7.40	7.40	7.40	0.38	0.95	± 12.0 %
5250	48.9	5.36	5.05	5.05	5.05	0.50	1.90	± 13.1 %
5600	48.5	5.77	4.37	4.37	4.37	0.50	1.90	± 13.1 %
5750	48.3	5.94	4.56	4.56	4.56	0.50	1.90	± 13.1 %

## Calibration Parameter Determined in Body Tissue Simulating Media

<sup>c</sup> 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.

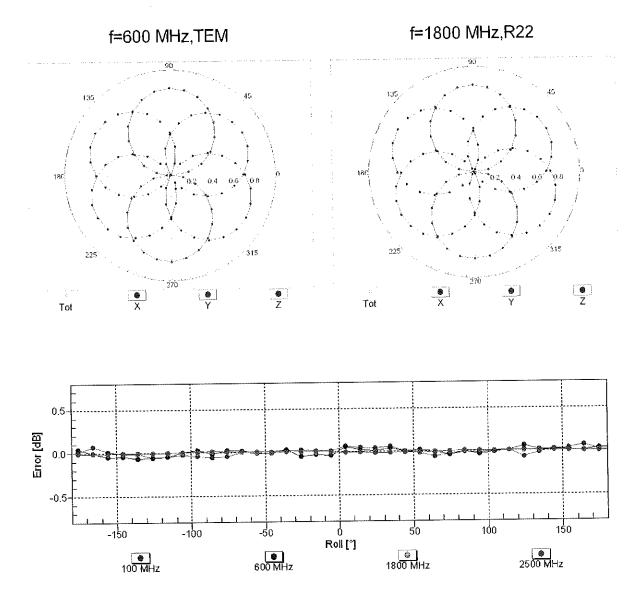
<sup>F</sup> At frequencies below 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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



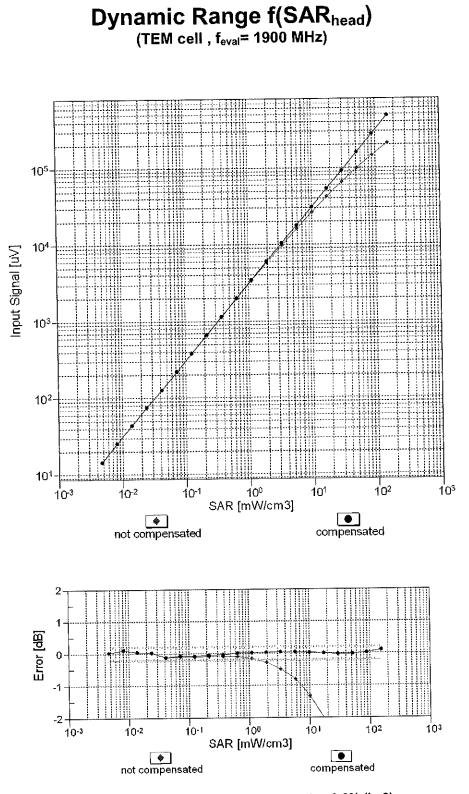
## Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)

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



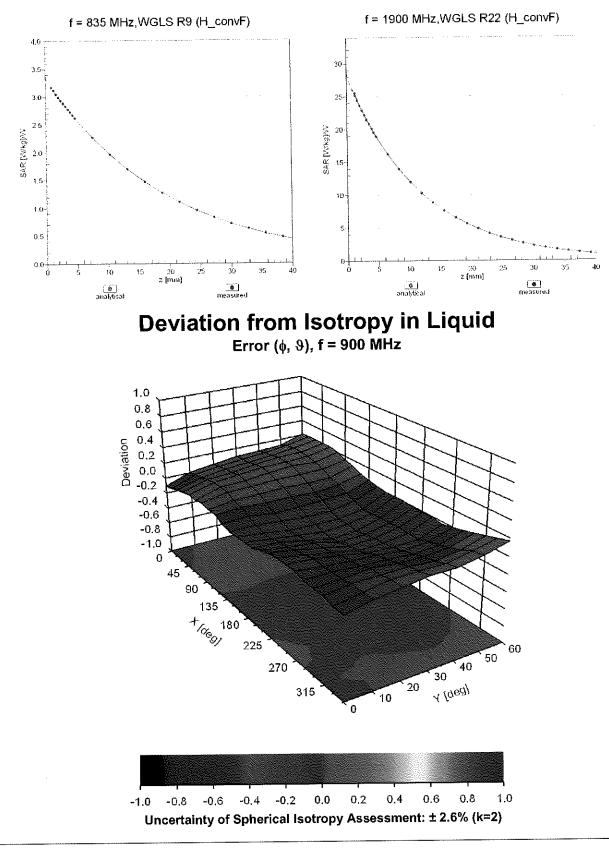
Receiving Pattern ( $\phi$ ),  $\vartheta = 0^{\circ}$ 

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



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

Certificate No: EX3-7406\_Jun20



## **Conversion Factor Assessment**

## Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR	
				(dB)	(k=2) ± 4.7 %
0		CW	CW	0.00	
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 % ± 9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA WLAN	1.87	± 9.6 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN WLAN	9.46	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	GSM	9.40	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.59	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	6.56	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	12.62	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	9.55	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	4.80	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	3.55	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	7.78	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	Bluetooth	5.30	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6 %
10031	CAA		Bluetooth	1.16	± 9.6 %
10032		IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	7.74	± 9.6 %
10033		IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10035		IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	8.01	± 9.6 %
10036 10037	CAA CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10037		IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10038	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10039	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10042		IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10040	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10045	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6 %
10062	CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9,00	±9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAC	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	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/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	<u> </u>	± 9.6 % ± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000 AMPS		± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	GSM	<u>4.77</u> 6.56	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	WCDMA	3.98	± 9.6 %
10097		UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098		UMTS-FDD (HSUPA, Subtest 2)	GSM	9.55	± 9.6 %
10099		EDGE-FDD (TDMA, 8PSK, TN 0-4)	LTE-FDD	5.67	± 9.6 %
10100		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10101		LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.60	± 9.6 %
10102			LTE-TDD	9.29	± 9.6 %
10103			LTE-TDD	9.97	± 9.6 %
10104	CAG		LTE-TDD	10.01	± 9.6 %
10105	CAG CAG		LTE-FDD	5.80	± 9.6 %
	I UAG				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

			LTE-FDD	6.43	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	5.75	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	6.44	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHZ, 04-QAM)	LTE-FDD	6.62	± 9.6 %
10113	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10114	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6 %
10115	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10116	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, 64 Gam)	WLAN	8.07	±9.6 %
10117 10118	CAC CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 01 Mbps, 10 GAM)	WLAN	8.13	±9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6%
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	$\pm 9.6\%$
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	<u> </u>	<u>±9.6 %</u> ±9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)		10.25	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD LTE-FDD	5.72	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	6.52	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	5.73	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	6.52	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHZ, 64-04M) LTE-FDD (SC-FDMA, 1 RB, 15 MHZ, QPSK)	LTE-FDD	5.72	± 9.6 %
10181		LTE-FDD (SC-FDMA, 1 RB, 15 MHZ, QPSR) LTE-FDD (SC-FDMA, 1 RB, 15 MHZ, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10182	CAE AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10183 10184		LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10184		LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10185	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10187		LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10188	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10183	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10195	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
1.0.00	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %

10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6 %
10220	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6 %
10223	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6 %
10220	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	<u>± 9.6 %</u>
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10240	CAP	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9,46	±9.6 %
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6 %
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6 %
10240	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10243	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9,6 %
10200	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %

10000		LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10300	AAD	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	±9.6 %
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	±9.6 %
10302	AAA	IEEE 802.16e WIMAX (23.16, 5113, 100112, 01 CK) 1000, 001100 IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6 %
10303	AAA	IEEE 802.16e WIMAX (31.10, 3118, 100112, 010314, 0007)	WIMAX	11.86	± 9.6 %
10304	AAA	IEEE 802.16e WIMAX (29.18, 5115, 10M12, 64QAM, 1030) IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	15.24	±9.6 %
10305	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	14.67	± 9.6 %
10306	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WIMAX	14.49	± 9.6 %
10307	AAA	EEE 802.168 WIMAX (29:18, 10ms, 10WHz, GP3K, P030)	WIMAX	14,46	± 9.6 %
10308	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WIMAX	14.58	± 9.6 %
10309	AAA	TEEE 802.166 WIMAX (29:18, 101115, 1010112, 100AW, AMO 220)	WIMAX	14.57	± 9.6 %
10310	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	LTE-FDD	6.06	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	IDEN	10.51	± 9.6 %
10313	AAA	IDEN 1:3	IDEN	13.48	± 9.6 %
10314	AAA	IDEN 1:6	WLAN	1.71	± 9.6 %
10315	AAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)		10.00	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic		± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	$\pm 9.6\%$
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10404	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10400	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6 %
10410	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10414	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10415	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10410	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8,14	± 9.6 %
1	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10419	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10422	AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10423	AAB	IEEE 802.1111 (HT Greenfield, 43.3 Mops, 10-QAM)	WLAN	8.40	± 9.6 %
10424	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10425	AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.45	± 9.6 %
10426	AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	LTE-FDD	8.28	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)		8.38	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD LTE-FDD		± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)		8.34	
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	$\pm 9.6\%$
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)		8.60	$\pm 9.6\%$
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7,59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
10457	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
				7.82	± 9.6 %
10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	1.02	± 9.6 %

				0.56	±9.6 %
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	8.32	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	7.82	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)		8.32	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	7.82	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)		8.32	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD		± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	8.32	± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8,57	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	7.74	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	8.18	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	7.71	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	8.39	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.47	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	7.59	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	8.38	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	7.70	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	8.31	± 9.6 %
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	7.74	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	8,41	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10495	AAF AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8,40	± 9.6 %
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7,67	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	±9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10502	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	±9.6%
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	±9.6%
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	$\pm 9.6\%$
10518	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAB	IEEE 802.11a/h WIFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8,08	$\pm 9.6\%$
10524	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	$\pm 9.6\%$
10525	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 % ± 9.6 %
10527	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	0.21	£ 9.0 %

Constrain         CARD         CERE 807.11:ex WHF (200HHz, MCSS, 99p. dc)         WLAN         8.43         ± 9.6 %.           10531         AAB         IEEE 807.11:ex WHF (200HHz, MCSS, 99p. dc)         WLAN         8.24         ± 9.6 %.           10532         AAB         IEEE 807.11:ex WHF (200HHz, MCSS, 99p. dc)         WLAN         8.38         ± 9.6 %.           10534         AAB         IEEE 807.11:ex WHF (200HHz, MCSB, 99p. dc)         WLAN         8.45         ± 9.6 %.           10535         AAB         IEEE 807.11:ex WHF (200HHz, MCSB, 99p. dc)         WLAN         8.45         ± 9.6 %.           10536         AAB         IEEE 807.11:ex WHF (200Hz, MCSB, 99p. dc)         WLAN         8.42         ± 9.6 %.           10537         AAB         IEEE 807.11:ex WHF (200Hz, MCSB, 99p. dc)         WLAN         8.44         ± 9.6 %.           10540         AAB         IEEE 807.11:ex WHF (200Hz, MCSB, 99p. dc)         WLAN         8.45         ± 9.6 %.           10541         AAB         IEEE 807.11:ex WHF (200Hz, MCSB, 99p. dc)         WLAN         8.45         ± 9.6 %.           10542         AAB         IEEE 807.11:ex WHF (200Hz, MCSB, 99p. dc)         WLAN         8.45         ± 9.6 %.           10544         AAB         IEEE 807.11:ex WHF (200Hz, MCSB, 99p. dc)				14/1 4 1	8.36	± 9.6 %
ARG         EEEE 802.1 Lise WHF (200Hz), MCSR, 99pc dc)         WLAN         8.4.2         4.9.6.5%           10532         AAB         IEEE 802.1 Lise WHF (200Hz), MCSR, 99pc dc)         WLAN         8.3.8         4.9.6.5%           10534         AAB         IEEE 802.1 Lise WHF (200Hz), MCSR, 99pc dc)         WLAN         8.4.3         4.9.6.5%           10534         AAB         IEEE 802.1 Lise WHF (400Hz), MCSR, 99pc dc)         WLAN         8.4.4         4.9.6.5%           10536         AAB         IEEE 802.1 Lise WHF (400Hz), MCSR, 99pc dc)         WLAN         8.4.4         4.9.6.5%           10537         AAB         IEEE 802.1 Lise WHF (400Hz), MCSR, 99pc dc)         WLAN         8.4.4         4.9.6.5%           10540         AAB         IEEE 802.1 Lise WHF (400Hz), MCSR, 99pc dc)         WLAN         8.4.6         4.9.6.5%           10541         AAB         IEEE 802.1 Lise WHF (400Hz), MCSR, 99pc dc)         WLAN         8.6.6         4.9.6.5%           10542         AAB         IEEE 802.1 Lise WHF (400Hz), MCSR, 99pc dc)         WLAN         8.6.6         4.9.6.5%           10543         AAB         IEEE 802.1 Lise WHF (400Hz), MCSR, 99pc dc)         WLAN         8.6.5         4.9.6.5%           10544         AAB         IEEE 802.1 Lise WHF (400Hz), MCSR, 99pc dc)	10528		IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN		
10323         AAB         FIEE 802.11se WHF (200Htz, MCSR, 99pc dc)         WLAN         8.28         1 9.6 %           10333         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN         8.45         1 9.6 %           10334         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN         8.45         1 9.6 %           10336         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN         8.42         1 9.6 %           10337         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN         8.44         1 9.6 %           10347         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN         8.44         1 9.6 %           10341         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN         8.46         1 9.6 %           10342         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN         8.46         1 9.6 %           10343         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN         8.45         1 9.6 %           10344         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN         8.45         1 9.6 %           10344         AAB         FIEE 802.11se WHF (200Htz, MCSB, 99pc dc)         WLAN						
0.035         Avage         Testes 002 (files WFFE (2004Hz, MCS8, 99pe chc)         WLAN         8.43         8.9 e.6 %           0.0354         AAB         TEEEE 002 (files WFFE (400Hz, MCS8, 99pe chc)         WLAN         8.44         2.9 e.6 %           0.0366         AAB         TEEEE 002 (files WFFE (400Hz, MCS8, 99pe chc)         WLAN         8.44         2.9 e.6 %           0.0366         AAB         TEEEE 002 (files WFFE (400Hz, MCS8, 99pe chc)         WLAN         8.44         2.9 e.6 %           0.0367         AAB         TEEEE 002 (files WFFE (400Hz, MCS8, 99pe chc)         WLAN         8.44         2.9 e.6 %           0.0366         AAB         TEEE 002 (files WFFE (400Hz, MCS8, 99pe chc)         WLAN         8.45         1.9 e.6 %           0.0361         AAB         TEEE 002 (files WFFE (400Hz, MCS8, 99pe chc)         WLAN         8.45         1.9 e.6 %           0.0361         AAB         TEEE 002 (files WFFE (400Hz, MCS8, 99pe chc)         WLAN         8.45         1.9 e.6 %           0.0361         AAB         TEEE 002 (files WFFE (400Hz, MCS8, 99pe chc)         WLAN         8.45         1.9 e.6 %           0.0364         AAB         TEEE 002 (files WFFE (400Hz, MCS8, 99pe chc)         WLAN         8.45         1.9 e.6 %           0.0364         AAB						
1053         ARB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.45         ± 9.6 %           10536         AAB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.45         ± 9.6 %           10537         AAB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.44         ± 9.6 %           10537         AAB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.44         ± 9.6 %           10540         AAB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.45         ± 9.6 %           10541         AAB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.46         ± 9.6 %           10542         AAB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.46         ± 9.6 %           10543         AAB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.36         ± 9.6 %           10544         AAB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.36         ± 9.6 %           10546         AAB         TEEE 802 1 fize WHF (100Hz, MCS3, 99pc dc)         WLAN         8.36         ± 9.6 %           10547         AAB         TEEE 802 1 fize WHF (100HZ, MCS3, 99pc dc)		AAB				
10636         AAB         TEEE 802.11ex WHF (40MHz, MCS2, 99p. cdc)         WLAN         8.46         1.9.6 %           10637         AAB         IEEE 802.11ex WHF (40MHz, MCS2, 99p. cdc)         WLAN         8.24         1.9.6 %           10638         AAB         IEEE 802.11ex WHF (40MHz, MCS3, 99p. cdc)         WLAN         8.44         1.9.6 %           10638         AAB         IEEE 802.11ex WHF (40MHz, MCS4, 99p. cdc)         WLAN         8.44         1.9.6 %           10641         AAB         IEEE 802.11ex WHF (40MHz, MCS6, 99p. cdc)         WLAN         8.46         1.9.6 %           10641         AAB         IEEE 802.11ex WHF (40MHz, MCS6, 99p. cdc)         WLAN         8.45         1.9.6 %           10643         AAB         IEEE 802.11ex WHF (40MHz, MCS8, 99p. cdc)         WLAN         9.45         1.9.6 %           10644         AAB         IEEE 802.11ex WHF (40MHz, MCS8, 99p. cdc)         WLAN         9.45         1.9.8 %           10646         AAB         IEEE 802.11ex WHF (40MHz, MCS8, 99p. cdc)         WLAN         8.47         1.9.9 %           10647         AAB         IEEE 802.11ex WHF (40MHz, MCS8, 99p. cdc)         WLAN         8.48         1.9.0 %           10646         AAB         IEEEE 802.11ex WHF (40MHz, MCS8, 99p. cdc)         WLAN		AAB		3		
10636         AAB         TEEE 802.11ax WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.42         19.67           10637         AAB         IEEE 802.11ax WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.44         19.6 %           10638         AAB         IEEE 802.11ax WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.49         19.6 %           10641         AAB         IEEE 802.11ax WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.46         19.9 %           10642         AAB         IEEE 802.11ax WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.46         19.9 %           10643         AAB         IEEE 602.11av WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.47         19.6 %           10644         AAB         IEEE 602.11av WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.45         19.6 %           10645         AAB         IEEE 602.11av WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.49         19.8 %           10646         AAB         IEEE 602.11av WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.49         19.8 %           10644         AAB         IEEE 602.11av WIFI (40MHz, MCS3, 99pc dc)         WLAN         8.49         19.8 %           10655         AAC         IEEE 602.11av WIFI (40MHz, MCS3, 99pc dc)         WLAN <td< td=""><td>10534</td><td>AAB</td><td></td><td></td><td></td><td></td></td<>	10534	AAB				
10637         AAB         TEEE 802.11ex WFI (40MHz, MCS4, 99bc dc)         WLAN         8.44         1.9.6 %           10536         AAB         IEEE 802.11ex WFI (40MHz, MCS4, 99bc dc)         WLAN         8.54         1.9.6 %           10540         AAB         IEEE 802.11ex WFI (40MHz, MCS4, 99bc dc)         WLAN         8.46         1.9.6 %           10541         AAB         IEEE 802.11ex WFI (40MHz, MCS6, 99bc dc)         WLAN         8.46         1.9.6 %           10643         AAB         IEEE 802.11ex WFI (40MHz, MCS6, 99bc dc)         WLAN         8.45         1.9.6 %           10644         AAB         IEEE 802.11ex WFI (40MHz, MCS6, 99bc dc)         WLAN         8.47         1.9.6 %           10644         AAB         IEEE 802.11ex WFI (40MHz, MCS3, 99bc dc)         WLAN         8.55         1.9.8 %           10546         AAB         IEEE 802.11ex WFI (40MHz, MCS3, 99bc dc)         WLAN         8.55         1.9.8 %           10544         AAB         IEEE 802.11ex WFI (40MHz, MCS3, 99bc dc)         WLAN         8.51         9.8 %           10554         AAB         IEEE 802.11ex WFI (40MHz, MCS3, 99bc dc)         WLAN         8.53         9.8 %           10555         AAC         IEEE 802.11ex WFI (40MHz, MCS3, 99bc dc)         WLAN         8.4	10535	AAB				
10636         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.34         ± 9.6 %           10540         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.46         ± 9.6 %           10541         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.46         ± 9.6 %           10542         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.46         ± 9.6 %           10543         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.47         ± 9.8 %           10544         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.45         ± 9.8 %           10545         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.35         ± 9.8 %           10546         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.39         ± 9.8 %           10547         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.49         ± 9.8 %           10556         AAC         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc)         WLAN         8.45         ± 9.8 %           10557         AAB         IEEE 602, 11ea WIFI (40MHz, MCS6, 99pc dc) <td< td=""><td>10536</td><td>AAB</td><td></td><td></td><td></td><td></td></td<>	10536	AAB				
10630         AAS         TEEE 802.11ac WIFI (40MHz, MCS8, 89pc dc)         WLAN         8.39         ± 9.6 %           10641         AAS         TEEE 802.11ac WIFI (40MHz, MCS8, 89pc dc)         WLAN         8.65         ± 9.6 %           10642         AAS         TEEE 802.11ac WIFI (40MHz, MCS8, 89pc dc)         WLAN         8.65         ± 9.6 %           10643         AAS         TEEE 802.11ac WIFI (60MHz, MCS8, 89pc dc)         WLAN         8.47         ± 9.6 %           10644         AAS         TEEE 802.11ac WIFI (60MHz, MCS3, 89pc dc)         WLAN         8.45         ± 9.6 %           10646         AAB         TEEE 802.11ac WIFI (60MHz, MCS3, 89pc dc)         WLAN         8.45         ± 9.6 %           10546         AAB         TEEE 802.11ac WIFI (60MHz, MCS3, 89pc dc)         WLAN         6.37         ± 9.6 %           10547         AAB         TEEE 802.11ac WIFI (60MHz, MCS3, 99pc dc)         WLAN         6.36         ± 9.6 %           10552         AAB         TEEE 802.11ac WIFI (60MHz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %           10553         AAB         TEEE 802.11ac WIFI (60MHz, MCS3, 99pc dc)         WLAN         8.45         ± 9.6 %           10556         AAC         TEEE 802.11ac WIFI (10MHz, MCS3, 99pc dc)         WLAN	10537	AAB				
10641         Ads         IEEE 802.11ac WIFI (400MHz, MCS9, 99pc dc)         WLAN         8.46         ± 9.6 %           10642         Ads         IEEE 802.11ac WIFI (400MHz, MCS9, 99pc dc)         WLAN         8.65         ± 9.6 %           10643         Ads         IEEE 802.11ac WIFI (400MHz, MCS9, 99pc dc)         WLAN         8.47         ± 9.6 %           10644         Ads         IEEE 802.11ac WIFI (400MHz, MCS1, 99pc dc)         WLAN         8.45         ± 9.6 %           10644         Ads         IEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.35         ± 9.6 %           10644         Ads         IEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.35         ± 9.6 %           10544         Ads         IEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.35         ± 9.6 %           10554         Ads         IEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %           10555         Ads         IEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %           10554         AAC         IEEE 802.11ac WIFI (400MLz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %           10555         AAC         IEEE 802.11ac WIFI (400MLz, MCS3, 99pc dc) <td< td=""><td>10538</td><td>AAB</td><td></td><td>1</td><td></td><td></td></td<>	10538	AAB		1		
Local         Abs         TEEE 802.11ac WIFI (400MHz, MCS8, 98pc dc)         WLAN         8.65         ± 9.6 %           10542         AAB         TEEE 802.11ac WIFI (400MHz, MCS9, 98pc dc)         WLAN         8.47         ± 9.6 %           10544         AAB         TEEE 802.11ac WIFI (400MHz, MCS9, 98pc dc)         WLAN         8.47         ± 9.6 %           10544         AAB         TEEE 802.11ac WIFI (400MHz, MCS3, 98pc dc)         WLAN         8.35         ± 9.6 %           10544         AAB         TEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.35         ± 9.6 %           10544         AAB         TEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.32         ± 9.6 %           10546         AAB         TEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.38         ± 9.6 %           10551         AAB         TEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %           10554         AAC         TEEE 802.11ac WIFI (400MHz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %           10556         AAC         TEEE 802.11ac WIFI (100MHz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %           10566         AAC         TEEE 802.11ac WIFI (100MHz, MCS3, 99pc dc) <td< td=""><td>10540</td><td>AAB</td><td>IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)</td><td></td><td></td><td></td></td<>	10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)			
10643         Abs         TEEE 802.11ac WIFI (400Hitz, MCS3, 99pc.dc)         WLAN         8.65         ± 9.6 %           10644         Abs         TEEE 802.11ac WIFI (400Hitz, MCS1, 99pc.dc)         WLAN         8.65         ± 9.6 %           10645         Abs         TEEE 802.11ac WIFI (400Hitz, MCS1, 99pc.dc)         WLAN         8.55         ± 9.6 %           10646         Abs         TEEE 802.11ac WIFI (400Hitz, MCS3, 99pc.dc)         WLAN         8.49         ± 9.6 %           10547         Abs         TEEE 802.11ac WIFI (400Hitz, MCS3, 99pc.dc)         WLAN         8.32         ± 9.8 %           10554         Abs         TEEE 802.11ac WIFI (400Hitz, MCS3, 99pc.dc)         WLAN         8.32         ± 9.8 %           10552         AAB         TEEE 802.11ac WIFI (400Hitz, MCS3, 99pc.dc)         WLAN         8.42         ± 9.6 %           10554         AAC         TEEE 802.11ac WIFI (400Hitz, MCS3, 99pc.dc)         WLAN         8.45         ± 9.6 %           10555         AAC         TEEE 802.11ac WIFI (400Hitz, MCS3, 99pc.dc)         WLAN         8.45         ± 9.6 %           10556         AAC         TEEE 802.11ac WIFI (400Hitz, MCS3, 99pc.dc)         WLAN         8.45         ± 9.6 %           10557         AAC         TEEE 802.11ac WIFI (400Hitz, MCS3, 99pc.dc)	10541	AAB				
Local         AAB         IEEE 802:11ac WIFI (80MHz, MCS3, 98pc dc)         WLAN         8.47         ± 9.6 %           10544         AAB         IEEE 802:11ac WIFI (80MHz, MCS3, 98pc dc)         WLAN         8.35         ± 9.6 %           10547         AAB         IEEE 802:11ac WIFI (80MHz, MCS3, 98pc dc)         WLAN         8.49         ± 9.6 %           10547         AAB         IEEE 802:11ac WIFI (80MHz, MCS3, 98pc dc)         WLAN         8.49         ± 9.6 %           10548         AAB         IEEE 802:11ac WIFI (80MHz, MCS6, 98pc dc)         WLAN         8.38         ± 9.6 %           10551         AAB         IEEE 802:11ac WIFI (80MHz, MCS7, 98pc dc)         WLAN         8.42         ± 9.6 %           10552         AAB         IEEE 802:11ac WIFI (80MHz, MCS3, 98pc dc)         WLAN         8.42         ± 9.6 %           10553         AAB         IEEE 802:11ac WIFI (80MHz, MCS3, 98pc dc)         WLAN         8.44         ± 9.6 %           10564         AAC         IEEE 802:11ac WIFI (80MHz, MCS3, 98pc dc)         WLAN         8.47         ± 9.6 %           10556         AAC         IEEE 802:11ac WIFI (160MHz, MCS2, 98pc dc)         WLAN         8.47         ± 9.6 %           10566         AAC         IEEE 802:11ac WIFI (160MHz, MCS3, 98pc dc)         WLAN <td>10542</td> <td>AAB</td> <td></td> <td></td> <td></td> <td></td>	10542	AAB				
10345         AAB         IEEE 802.11ac WIF (80MHz, MCS1, 99pc dc)         WLAN         8.55         ± 9.6 %           10546         AAB         IEEE 802.11ac WIF (80MHz, MCS2, 99pc dc)         WLAN         8.49         ± 9.6 %           10547         AAB         IEEE 802.11ac WIF (80MHz, MCS3, 99pc dc)         WLAN         8.49         ± 9.6 %           10550         AAB         IEEE 802.11ac WIF (80MHz, MCS7, 99pc dc)         WLAN         8.38         ± 9.6 %           10551         AAB         IEEE 802.11ac WIF (80MHz, MCS7, 99pc dc)         WLAN         8.42         ± 9.6 %           10552         AAB         IEEE 802.11ac WIF (80MHz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %           10554         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.44         ± 9.6 %           10556         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.41         ± 9.6 %           10556         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %           10556         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.52         ± 9.6 %           10556         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN	10543	AAB				
10:56         AB         IEEE 802.11ac WIF (80MHz, MCS2, 99pc dc)         WLAN         8.35         ± 9.6 %.           10:54         AAB         IEEE 802.11ac WIF (80MHz, MCS3, 99pc dc)         WLAN         8.37         ± 9.6 %.           10:550         AAB         IEEE 802.11ac WIF (80MHz, MCS3, 99pc dc)         WLAN         8.37         ± 9.6 %.           10:550         AAB         IEEE 802.11ac WIF (80MHz, MCS3, 99pc dc)         WLAN         8.42 ± 9.6 %.           10:551         AAB         IEEE 802.11ac WIF (80MHz, MCS3, 99pc dc)         WLAN         8.42 ± 9.6 %.           10:552         AAB         IEEE 802.11ac WIF (80MHz, MCS3, 99pc dc)         WLAN         8.44 ± 9.6 %.           10:553         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.44 ± 9.6 %.           10:554         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.45 ± 9.6 %.           10:555         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.42 ± 9.6 %.           10:556         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.61 ± 9.6 %.           10:556         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.71 ± 9.6 %.           10:556         AAC	10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)			
10546         AAB         IEEE 802.11ac WiFI (80MHz, MCS2, 99pc dc)         WLAN         8.35         ± 9.6 %.           10547         AAB         IEEE 802.11ac WiFI (80MHz, MCS3, 99pc dc)         WLAN         8.37         ± 9.6 %.           10556         AAB         IEEE 802.11ac WiFI (80MHz, MCS6, 99pc dc)         WLAN         8.38         ± 9.6 %.           10551         AAB         IEEE 802.11ac WiFI (80MHz, MCS8, 99pc dc)         WLAN         8.42         ± 9.6 %.           10552         AAB         IEEE 802.11ac WiFI (80MHz, MCS8, 99pc dc)         WLAN         8.45         ± 9.6 %.           10553         AAB         IEEE 802.11ac WiFI (80MHz, MCS9, 99pc dc)         WLAN         8.44         ± 9.6 %.           10554         AAC         IEEE 802.11ac WIFI (160MHz, MCS2, 99pc dc)         WLAN         8.44         ± 9.6 %.           10555         AAC         IEEE 802.11ac WIFI (160MHz, MCS2, 99pc dc)         WLAN         8.52         ± 9.6 %.           10556         AAC         IEEE 802.11ac WIFI (160MHz, MCS3, 99pc dc)         WLAN         8.61         ± 9.6 %.           10568         AAC         IEEE 802.11ac WIFI (160MHz, MCS3, 99pc dc)         WLAN         8.61         ± 9.6 %.           10569         AAC         IEEE 802.11ac WIFI (160MHz, MCS3, 99pc dc)		AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)			
10547         AAB         IEEE 802.11ac WIF (00MHz, MCS3, 99pc dc)         WLAN         8.49         ± 9.6 %.           10550         AAB         IEEE 802.11ac WIF (00MHz, MCS6, 99pc dc)         WLAN         8.37         ± 9.6 %.           10550         AAB         IEEE 802.11ac WIF (00MHz, MCS6, 99pc dc)         WLAN         8.30         ± 9.6 %.           10551         AAB         IEEE 802.11ac WIF (00MHz, MCS9, 99pc dc)         WLAN         8.42         ± 9.6 %.           10553         AAB         IEEE 802.11ac WIF (00MHz, MCS9, 99pc dc)         WLAN         8.45         ± 9.6 %.           10554         AAC         IEEE 802.11ac WIF (100MHz, MCS9, 99pc dc)         WLAN         8.47         ± 9.6 %.           10555         AAC         IEEE 802.11ac WIF (100MHz, MCS3, 99pc dc)         WLAN         8.42         ± 9.6 %.           10556         AAC         IEEE 802.11ac WIF (100MHz, MCS3, 99pc dc)         WLAN         8.50         ± 9.6 %.           10567         AAC         IEEE 802.11ac WIF (100MHz, MCS3, 99pc dc)         WLAN         8.61         ± 9.6 %.           10568         AAC         IEEE 802.11ac WIF (100MHz, MCS3, 99pc dc)         WLAN         8.61         ± 9.6 %.           10561         AAC         IEEE 802.11ac WIF (160MHz, MCS9, 99pc dc)         WLAN<			IEEE 802,11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	
10548         AAB         IEEE 802.11ac WFI (80MHz, MCS4, 99pc dc)         WLAN         8.37         ± 9.6 %           10550         AAB         IEEE 802.11ac WFI (80MHz, MCS3, 99pc dc)         WLAN         8.36         ± 9.6 %           10551         AAB         IEEE 802.11ac WFI (80MHz, MCS8, 99pc dc)         WLAN         8.42         ± 9.6 %           10552         AAB         IEEE 802.11ac WFI (80MHz, MCS8, 99pc dc)         WLAN         8.42         ± 9.6 %           10554         AAC         IEEE 802.11ac WFI (160MHz, MCS8, 99pc dc)         WLAN         8.44         ± 9.6 %           10555         AAC         IEEE 802.11ac WFI (160MHz, MCS3, 99pc dc)         WLAN         8.46         ± 9.6 %           10556         AAC         IEEE 802.11ac WFI (160MHz, MCS3, 99pc dc)         WLAN         8.50         ± 9.6 %           10566         AAC         IEEE 802.11ac WFI (160MHz, MCS3, 99pc dc)         WLAN         8.61         ± 9.6 %           10566         AAC         IEEE 802.11ac WFI (160MHz, MCS3, 99pc dc)         WLAN         8.61         ± 9.6 %           10566         AAC         IEEE 802.11ac WFI (160MHz, MCS9, 99pc dc)         WLAN         8.61         ± 9.6 %           10566         AAC         IEEE 802.11ac WFI (160MHz, MCS9, 99pc dc)         WLAN				WLAN	8.49	±9.6 %
10550         AAB         IEEE 802.11ac WiF (60MHz, MCS6, 99pc dc)         WLAN         8.38         ± 9.6 %           10551         AAB         IEEE 802.11ac WiF (80MHz, MCS6, 99pc dc)         WLAN         8.40         ± 9.6 %           10552         AAB         IEEE 802.11ac WiF (80MHz, MCS8, 99pc dc)         WLAN         8.45         ± 9.6 %           10553         AAC         IEEE 802.11ac WiF (160MHz, MCS8, 99pc dc)         WLAN         8.46         ± 9.6 %           10554         AAC         IEEE 802.11ac WiF (160MHz, MCS8, 99pc dc)         WLAN         8.47         ± 9.6 %           10556         AAC         IEEE 802.11ac WiF (160MHz, MCS8, 99pc dc)         WLAN         8.50         ± 9.6 %           10556         AAC         IEEE 802.11ac WiF (160MHz, MCS8, 99pc dc)         WLAN         8.61         ± 9.6 %           10560         AAC         IEEE 802.11ac WiF (160MHz, MCS9, 99pc dc)         WLAN         8.73         ± 9.6 %           10561         AAC         IEEE 802.11ac WiF (160MHz, MCS9, 99pc dc)         WLAN         8.76         ± 9.6 %           10562         AAC         IEEE 802.11ac WiF (160MHz, MCS9, 99pc dc)         WLAN         8.71         ± 9.6 %           10564         AAC         IEEE 802.11a WiF (2.4 Hz (DSSS-OFDM, 24 Mbps, 99pc dc)		2		WLAN	8.37	
10551         AAB         IEEE 802.11ac WIF (80MHz, MCS7, 99pc dc)         WLAN         8.40         ± 9.6 %           10552         AAB         IEEE 802.11ac WIF (80MHz, MCS9, 99pc dc)         WLAN         8.44         ± 9.6 %           10554         AAC         IEEE 802.11ac WIF (80MHz, MCS9, 99pc dc)         WLAN         8.44         ± 9.6 %           10555         AAC         IEEE 802.11ac WIF (160MHz, MCS9, 99pc dc)         WLAN         8.47         ± 9.6 %           10555         AAC         IEEE 802.11ac WIF (160MHz, MCS9, 99pc dc)         WLAN         8.50         ± 9.6 %           10555         AAC         IEEE 802.11ac WIF (160MHz, MCS9, 99pc dc)         WLAN         8.61         ± 9.6 %           10560         AAC         IEEE 802.11ac WIF (160MHz, MCS9, 99pc dc)         WLAN         8.61         ± 9.6 %           10561         AAC         IEEE 802.11ac WIF (160MHz, MCS9, 99pc dc)         WLAN         8.61         ± 9.6 %           10562         AAC         IEEE 802.11ac WIF (160MHz, MCS9, 99pc dc)         WLAN         8.61         ± 9.6 %           10563         AAC         IEEE 802.11a WIF (160MHz, MCS9, 99pc dc)         WLAN         8.72         ± 9.6 %           10564         AAC         IEEE 802.11a WIF (2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)				WLAN	8.38	± 9.6 %
10562         AAB         IEEE 802.11a wiFi (80MHz, MCS8, 99pc dc)         WLAN         8.42         ± 9.6 %.           10553         AAG         IEEE 802.11a wiFi (160MHz, MCS0, 99pc dc)         WLAN         8.48         ± 9.6 %.           10555         AAC         IEEE 802.11a wiFi (160MHz, MCS0, 99pc dc)         WLAN         8.47         ± 9.6 %.           10555         AAC         IEEE 802.11a wiFi (160MHz, MCS2, 99pc dc)         WLAN         8.52         ± 9.6 %.           10556         AAC         IEEE 802.11a wiFi (160MHz, MCS3, 99pc dc)         WLAN         8.52         ± 9.6 %.           10560         AAC         IEEE 802.11a wiFi (160MHz, MCS6, 99pc dc)         WLAN         8.61         ± 9.6 %.           10561         AAC         IEEE 802.11a wiFi (160MHz, MCS6, 99pc dc)         WLAN         8.66         ± 9.6 %.           10562         AAC         IEEE 802.11a wiFi (160MHz, MCS9, 99pc dc)         WLAN         8.66         ± 9.6 %.           10564         AAA         IEEE 802.11a wiFi (160MHz, MCS9, 99pc dc)         WLAN         8.61         ± 9.6 %.           10566         AAA         IEEE 802.11g wiFi 2.4 GHz (DSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.42         ± 9.6 %.           10566         AAA         IEEE 802.11g WIFI 2.4 GHz (DSS-OFDM, 4 Mbps, 99				WLAN	8.50	
No.52         AAB         IEEE 802.11ac WIF (80MHz, MCS8, 99pc dc)         WLAN         8.45         ± 9.6 %           10554         AAC         IEEE 802.11ac WIF (160MHz, MCS8, 99pc dc)         WLAN         8.447         ± 9.6 %           10555         AAC         IEEE 802.11ac WIF (160MHz, MCS2, 99pc dc)         WLAN         8.47         ± 9.6 %           10555         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.50         ± 9.6 %           10556         AAC         IEEE 802.11ac WIF (160MHz, MCS4, 99pc dc)         WLAN         8.51         ± 9.6 %           10560         AAC         IEEE 802.11ac WIF (160MHz, MCS4, 99pc dc)         WLAN         8.61         ± 9.6 %           10561         AAC         IEEE 802.11ac WIF (160MHz, MCS8, 99pc dc)         WLAN         8.66         ± 9.6 %           10563         AAC         IEEE 802.11ac WIF (160MHz, MCS8, 99pc dc)         WLAN         8.61         ± 9.6 %           10564         AAA         IEEE 802.11ac WIF (160MHz, MCS8, 99pc dc)         WLAN         8.25         ± 9.6 %           10566         AAA         IEEE 802.11g WIF12.4 GHz (DSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10566         AAA         IEEE 802.11g WIF12.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc) <td></td> <td></td> <td></td> <td>WLAN</td> <td>8.42</td> <td>± 9.6 %</td>				WLAN	8.42	± 9.6 %
10554         AAC         IEEE 802.11ac WIFI (180MHz, MCS0, 99pc dc)         WLAN         8.48         ± 9.6 %,           10555         AAC         IEEE 802.11ac WIFI (160MHz, MCS1, 99pc dc)         WLAN         8.50         ± 9.6 %,           10557         AAC         IEEE 802.11ac WIFI (160MHz, MCS3, 99pc dc)         WLAN         8.52         ± 9.6 %,           10557         AAC         IEEE 802.11ac WIFI (160MHz, MCS3, 99pc dc)         WLAN         8.61         ± 9.6 %,           10560         AAC         IEEE 802.11ac WIFI (160MHz, MCS6, 99pc dc)         WLAN         8.66         ± 9.6 %,           10561         AAC         IEEE 802.11ac WIFI (160MHz, MCS8, 99pc dc)         WLAN         8.66         ± 9.6 %,           10562         AAC         IEEE 802.11ac WIFI (160MHz, MCS9, 99pc dc)         WLAN         8.65         ± 9.6 %,           10564         AAA         IEEE 802.11g WIFI 2.4 GHz (DSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %,           10566         AAA         IEEE 802.11g WIFI 2.4 GHz (DSS-OFDM, 18 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %,           10566         AAA         IEEE 802.11g WIFI 2.4 GHz (DSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.30         ± 9.6 %,           10566         AAA         IEEE 802.11g			IEEE 802 11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	±9.6 %
IDUSA         PACO         IEEE 802.11ac WIF (160MHz, MCS1, 99pc dc)         WLAN         8.47         ± 9.6 %.           10556         AAC         IEEE 802.11ac WIF (160MHz, MCS2, 99pc dc)         WLAN         8.50         ± 9.6 %.           10557         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.52         ± 9.6 %.           10558         AAC         IEEE 802.11ac WIF (160MHz, MCS3, 99pc dc)         WLAN         8.73         ± 9.6 %.           10560         AAC         IEEE 802.11ac WIF (160MHz, MCS7, 99pc dc)         WLAN         8.76         ± 9.6 %.           10561         AAC         IEEE 802.11ac WIF (160MHz, MCS7, 99pc dc)         WLAN         8.76         ± 9.6 %.           10562         AAC         IEEE 802.11ac WIF (160MHz, MCS8, 99pc dc)         WLAN         8.77         ± 9.6 %.           10564         AAA         IEEE 802.11g WIF 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %.           10566         AAA         IEEE 802.11g WIF 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %.           10566         AAA         IEEE 802.11g WIF 2.4 GHz (DSSS-OFDM, 34 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %.           10566         AAA         IEEE 802.11g WIF 2.	L					
100.50         AAC         IELE 802.11ac WIFI (160MHz, MCS2, 39pc dc)         WLAN         8.50         ± 9.6 %           10557         AAC         IEEE 802.11ac WIFI (160MHz, MCS3, 39pc dc)         WLAN         8.61         ± 9.6 %           10558         AAC         IEEE 802.11ac WIFI (160MHz, MCS4, 99pc dc)         WLAN         8.61         ± 9.6 %           10560         AAC         IEEE 802.11ac WIFI (160MHz, MCS8, 99pc dc)         WLAN         8.73         ± 9.6 %           10561         AAC         IEEE 802.11ac WIFI (160MHz, MCS8, 99pc dc)         WLAN         8.69         ± 9.6 %           10562         AAC         IEEE 802.11ac WIFI (160MHz, MCS8, 99pc dc)         WLAN         8.75         ± 9.6 %           10564         AAA         IEEE 802.11ac WIFI (160MHz, MCS9, 99pc dc)         WLAN         8.75         ± 9.6 %           10566         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %           10566         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.30         ± 9.6 %           10566         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.30         ± 9.6 %           10567         AAA         IEEE 802.11g WIFI 2		1				
Instant         Instant <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Dos         AAC         IEEE 802.11ac WiFI (160MHz, MCS4, 99pc dc)         WLAN         8.61         ± 9.6 %           10560         AAC         IEEE 802.11ac WiFI (160MHz, MCS7, 99pc dc)         WLAN         8.73         ± 9.6 %           10561         AAC         IEEE 802.11ac WiFI (160MHz, MCS7, 99pc dc)         WLAN         8.66         ± 9.6 %           10562         AAC         IEEE 802.11ac WiFI (160MHz, MCS8, 99pc dc)         WLAN         8.69         ± 9.6 %           10564         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 9 Mpp, 99pc dc)         WLAN         8.25         ± 9.6 %           10566         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %           10566         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10566         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.10         ± 9.6 %           10567         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)         WLAN         8.10         ± 9.6 %           10569         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)         WLAN         8.10         ± 9.6 %           10570         AAA <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10550         AAC         IEEE 802.11ac WiFI (160MHz, MCS6, 99pc dc)         WLAN         8.73         ± 9.6 %           10561         AAC         IEEE 802.11ac WiFI (160MHz, MCS8, 99pc dc)         WLAN         8.66         ± 9.6 %           10562         AAC         IEEE 802.11ac WiFI (160MHz, MCS8, 99pc dc)         WLAN         8.69         ± 9.6 %           10563         AAA         IEEE 802.11ac WiFI (160MHz, MCS9, 99pc dc)         WLAN         8.73         ± 9.6 %           10564         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %           10566         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10566         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10568         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)         WLAN         8.33         ± 9.6 %           10569         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)         WLAN         8.33         ± 9.6 %           10570         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)         WLAN         8.30         ± 9.6 %           10577         AAA						
10560         AAC         IEEE 802.11ac WiFI (160MHz, MCS7, 99pc dc)         WLAN         8.56         ± 9.6 %           10562         AAC         IEEE 802.11ac WiFI (160MHz, MCS9, 99pc dc)         WLAN         8.69         ± 9.6 %           10563         AAC         IEEE 802.11ac WiFI (160MHz, MCS9, 99pc dc)         WLAN         8.72         ± 9.6 %           10564         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %           10566         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.43         ± 9.6 %           10566         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)         WLAN         8.33         ± 9.6 %           10567         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.31         ± 9.6 %           10568         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)         WLAN         8.30         ± 9.6 %           10570         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)         WLAN         8.30         ± 9.6 %           10571         AAA         IEEE 802.11g WiFI 2.4 GHz (DSSS, 55 Mbps, 90pc dc)         WLAN         1.99         ± 9.6 %           10572						
10301         DML         Bit LE Box. 11 act WiF (1600H1z, MCS8, 99pc dc)         WLAN         8.69         ± 9.6 %           10562         AAC         IEEE 802.11 act WiF (1600H1z, MCS8, 99pc dc)         WLAN         8.77         ± 9.6 %           10564         AAA         IEEE 802.11 act WiF (1600H1z, MCS8, 99pc dc)         WLAN         8.77         ± 9.6 %           10566         AAA         IEEE 802.11 gWiF 1.2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %           10566         AAA         IEEE 802.11 gWiF 1.2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10567         AAA         IEEE 802.11 gWiF 1.2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10568         AAA         IEEE 802.11 gWiF 1.2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.10         ± 9.6 %           10570         AAA         IEEE 802.11 bWiF 1.2.4 GHz (DSSS. OFDM, 48 Mbps, 90pc dc)         WLAN         8.10         ± 9.6 %           10571         AAA         IEEE 802.11 bWiF 1.2.4 GHz (DSSS. J Mbps, 90pc dc)         WLAN         1.99         ± 9.6 %           10572         AAA         IEEE 802.11 bWIF 1.2.4 GHz (DSSS. OFDM, 48 Mbps, 90pc dc)         WLAN         1.98         ± 9.6 %						
10502         AAC         IEEE 802.11a WIFI (1600H1z, MCS9, 99pc dc)         WLAN         8.77         ± 9.6 %           10664         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)         WLAN         8.25         ± 9.6 %           10666         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %           10566         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10566         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10567         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.10         ± 9.6 %           10568         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)         WLAN         8.30         ± 9.6 %           10570         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)         WLAN         8.30         ± 9.6 %           10571         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)         WLAN         1.99         ± 9.6 %           10572         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         1.98         ± 9.6 %						
10503         PARA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)         WLAN         8.25         ± 9.6 %           105664         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %           105666         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10567         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)         WLAN         8.00         ± 9.6 %           10568         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.30         ± 9.6 %           10569         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)         WLAN         8.30         ± 9.6 %           10570         AAA         IEEE 802.11b WIFI 2.4 GHz (DSSS, 7 Mbps, 90pc dc)         WLAN         8.30         ± 9.6 %           10572         AAA         IEEE 802.11b WIFI 2.4 GHz (DSSS, 5 Mbps, 90pc dc)         WLAN         1.99         ± 9.6 %           10574         AAA         IEEE 802.11b WIFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 90pc dc)         WLAN         1.98         ± 9.6 %           10574         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)         WLAN         8.79         ± 9.6 %      <						
10004         PAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.45         ± 9.6 %           10566         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)         WLAN         8.13         ± 9.6 %           10567         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)         WLAN         8.00         ± 9.6 %           10568         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)         WLAN         8.37         ± 9.6 %           10569         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)         WLAN         8.30         ± 9.6 %           10570         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)         WLAN         8.30         ± 9.6 %           10571         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)         WLAN         1.99         ± 9.6 %           10572         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)         WLAN         1.98         ± 9.6 %           10573         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS, 0FDM, 6 Mbps, 90pc dc)         WLAN         1.98         ± 9.6 %           10576         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %		1				
10566       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)       WLAN       8.13       ± 9.6 %         10566       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)       WLAN       8.00       ± 9.6 %         10568       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)       WLAN       8.37       ± 9.6 %         10569       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)       WLAN       8.10       ± 9.6 %         10570       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS. OFDM, 54 Mbps, 99pc dc)       WLAN       8.30       ± 9.6 %         10571       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10572       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10573       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS. OFDM, 6 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10577       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 4 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)<			IEEE 802.11g WIFI 2.4 GHZ (DSSS-OFDM, 9 MiDps, 99pc dc)			
10500       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)       WLAN       8.00       ± 9.6 %         10568       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)       WLAN       8.37       ± 9.6 %         10569       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)       WLAN       8.10       ± 9.6 %         10570       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)       WLAN       8.30       ± 9.6 %         10571       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 0FDM, 54 Mbps, 99pc dc)       WLAN       1.99       ± 9.6 %         10572       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 1Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10573       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10574       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10577       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 84 Mbps, 90pc dc) </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10568       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)       WLAN       8.37       ± 9.6 %         10568       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)       WLAN       8.10       ± 9.6 %         10570       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)       WLAN       8.30       ± 9.6 %         10571       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10573       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10574       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10575       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10577       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10577       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)			IEEE 802,11g WIFI 2,4 GHZ (DSSS-OFDM, 18 Mops, 99pc dc)			
10500       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)       WLAN       8.10       ± 9.6 %         10570       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)       WLAN       8.30       ± 9.6 %         10571       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10572       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10573       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10574       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10575       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10577       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10577       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10577       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)			IEEE 802.11g WIFI 2.4 GHZ (DSSS-OFDM, 24 Mbps, 99pc dc)			
10500       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)       WLAN       8.30       ± 9.6 %         10571       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10572       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10573       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10574       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10575       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10577       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10578       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 14 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10578       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10580       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WL			TEEE 802.11g WIFI 2.4 GHz (DSSS-OFDIM, 36 Mbps, 99pc dc)			
10570       AAA       IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10572       AAA       IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10573       AAA       IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10574       AAA       IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10575       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10576       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10577       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10578       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10579       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10581       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10582       AAA       IEEE 802.11g WiFi 2.4 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN<			IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 MDps, 99pc dc)			
10571       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc dc)       WLAN       1.99       ± 9.6 %         10573       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10574       AAA       IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc dc)       WLAN       1.98       ± 9.6 %         10575       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS.OFDM, 6 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10576       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10577       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10579       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10580       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10581       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10582       AAA       IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)			IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)			
10572         AAA         IEEE 802.11b         WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)         WLAN         1.98         ± 9.6 %           10573         AAA         IEEE 802.11b         WIFI 2.4 GHz (DSSS, 5.1 Mbps, 90pc dc)         WLAN         1.98         ± 9.6 %           10575         AAA         IEEE 802.11g         WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10576         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10577         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10578         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10579         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10580         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10581         AAA         IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10582         AAA         IEEE 802.11g // WIFI 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.6			IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)			
10573         AAA         IEEE 802.11b         WiFi 2.4 GHz (DSSS, 01 Mbps, 90pc dc)         WLAN         1.98         ± 9.6 %           10575         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10576         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10576         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10577         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10578         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10579         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10580         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10581         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10582         AAA         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.69         ± 9.6 %			IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)			
10574       7071       1EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10575       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10576       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10577       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 14 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10578       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10579       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10580       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10581       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10582       AAA       IEEE 802.11g WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10583       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 14 Mbps, 90pc dc)	10573	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)			
10570         7071         1EEE 302.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mpps, 90pc dc)         WLAN         8.60         ± 9.6 %           10577         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10578         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10579         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10580         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10580         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10581         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10582         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10583         AAB         IEEE 802.11g WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 % <tr< td=""><td>10574</td><td></td><td>IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)</td><td></td><td></td><td></td></tr<>	10574		IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)			
10577       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10577       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10579       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10579       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10580       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10581       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10582       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10583       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10584       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	10575	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)			
10577       AAA       IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10578       AAA       IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10579       AAA       IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10580       AAA       IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10581       AAA       IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10582       AAA       IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10583       AAB       IEEE 802.11a/h WIFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10584       AAB       IEEE 802.11a/h WIFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10585       AAB       IEEE 802.11a/h WIFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WIFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10587       AAB       IEEE 802.11a/h WIFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)			
10570       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10580       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10581       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10582       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10582       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10583       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10584       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 14 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN<	10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)			
10579       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10580       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10581       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10582       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10583       AAB       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10583       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10584       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN<	10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)			
10580       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10581       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10582       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10583       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.69       ± 9.6 %         10584       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN	10579	AAA				
10581         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10582         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10583         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10585         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10588         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10590		AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)			
10582         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10583         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10585         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10588         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.63         ± 9.6 %           10590 <t< td=""><td></td><td></td><td>IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)</td><td></td><td></td><td>± 9.6 %</td></t<>			IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)			± 9.6 %
10583       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10584       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.63       ± 9.6 %         10591       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.63		AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)			
10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10585         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10588         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)         WLAN         8.63         ± 9.6 %           10592         AAB <td></td> <td></td> <td>IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)</td> <td></td> <td></td> <td>± 9.6 %</td>			IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)			± 9.6 %
10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10591       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)       WLAN       8.64       ± 9.6 %         10593       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 % </td <td></td> <td></td> <td>IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)</td> <td></td> <td>8.60</td> <td>± 9.6 %</td>			IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)		8.60	± 9.6 %
10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10588         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)         WLAN         8.63         ± 9.6 %           10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)         WLAN         8.79         ± 9.6 %           10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %			IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)		8.70	± 9.6 %
10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10588         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.63         ± 9.6 %           10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)         WLAN         8.63         ± 9.6 %           10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %			IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10588         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591         AAB         IEEE 802.11a /h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.63         ± 9.6 %           10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)         WLAN         8.63         ± 9.6 %           10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %			IEEE 802,11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.63         ± 9.6 %           10591         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)         WLAN         8.63         ± 9.6 %           10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)         WLAN         8.79         ± 9.6 %           10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %			IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10000         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.63         ± 9.6 %           10591         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)         WLAN         8.63         ± 9.6 %           10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)         WLAN         8.79         ± 9.6 %           10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %			IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8,35	± 9.6 %
10550         74 do         IEEE 802.11 att MT Mixed, 20M Hz, MCS0, 90 pc dc)         WLAN         8.63         ± 9.6 %           10591         AAB         IEEE 802.11 n (HT Mixed, 20M Hz, MCS0, 90 pc dc)         WLAN         8.79         ± 9.6 %           10592         AAB         IEEE 802.11 n (HT Mixed, 20M Hz, MCS1, 90 pc dc)         WLAN         8.79         ± 9.6 %           10593         AAB         IEEE 802.11 n (HT Mixed, 20M Hz, MCS2, 90 pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11 n (HT Mixed, 20M Hz, MCS3, 90 pc dc)         WLAN         8.74         ± 9.6 %						± 9.6 %
10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)         WLAN         8.79         ± 9.6 %           10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %						± 9.6 %
10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.74         ± 9.6 %			IEEE 802 11n (HT Mixed, 20MHz, MCS1, 90pc dc)			± 9.6 %
10530         PAB         IEEE 002.1 m (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %						± 9.6 %
		_				± 9.6 %
	10594	AAB	IEEE 802.11n (HT Mixed, 20MHz, MC33, 30pc dc)	WLAN	8.74	± 9.6 %

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10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN		±9.6 %
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	±9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	±9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	±9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	±9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	±9.6 %
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	±9.6 %
10608	AAB	IEEE 802.11ac WIFI (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAB	IEEE 802.11ac WiFI (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAB	IEEE 802.11ac WIFI (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAB	IEEE 802.11ac WIFI (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	±9.6 %
10615	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6 %
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAB	IEEE 802.11ac WIFI (40MHz, MCS1, 90pc dc)	WLAN	8.81	±9.6 %
10618	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	±9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	±9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6 %
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10622	AAB	IEEE 802.11ac WIFI (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	±9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10620	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8,71	±9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	±9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFI (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6 %
	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8,86	±9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6 %
	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 30pc dc)	WLAN	8.98	±9.6 %
10640 10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 30pc dc)	WLAN	9.06	±9.6 %
		IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 30pc dc)	WLAN	8.89	± 9.6 %
10643	AAC	IEEE 802.11ac WiFI (160MHz, MCS7, 90pc dc)	WLAN	9.05	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10645	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10646	AAG AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647		CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10648		LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10653		LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-1M 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10655			Test	10.00	± 9.6 %
	AAA	Pulse Waveform (200Hz, 10%)	Test	6.99	± 9.6 %
10658		Pulse Waveform (200Hz, 20%)			± 9.6 %
10659	AAA		Toet	i kuk	
10659 10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	
10659 10660 10661	AAA AAA	Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10659 10660 10661 10662	AAA           AAA           AAA           AAA	Pulse Waveform (200Hz, 40%)Pulse Waveform (200Hz, 60%)Pulse Waveform (200Hz, 80%)	Test Test	2.22 0.97	± 9.6 % ± 9.6 %
10659 10660 10661	AAA AAA	Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%)	Test	2.22	$\begin{array}{r} \pm 9.6 \% \\ \pm 9.6 \% \\ \pm 9.6 \% \\ \pm 9.6 \% \\ \pm 9.6 \% \end{array}$

		1555 000 44 (20MHz MCS1 00pp dc)	WLAN	8.57	±9.6 %
10672	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.78	± 9.6 %
10673	AAA	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.74	± 9.6 %
10674	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.90	± 9.6 %
10675	AAA	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.77	± 9.6 %
10676	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc dc)		8.73	± 9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN		
10679	AAA	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAA	1EEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAA	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	±9.6 %
10686	AAA	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	±9.6 %
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	±9.6 %
		IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10692		IEEE 802.11ax (20MHz, MCS3, 93pc dc)	WLAN	8.25	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.57	±9.6 %
10694			WLAN	8.78	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.91	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.61	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.89	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.82	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.73	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)		8.86	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN		± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	±9.6 %
10710	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAA	1EEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8,33	± 9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	±9.6 %
10715	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10715		IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10716		IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
		IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10718	AAA	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.81	± 9.6 %
10719		IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.87	± 9.6 %
10720			WLAN	8.76	± 9.6 %
10721		IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.55	± 9.6 %
10722	AAA	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.70	± 9.6 %
10723	AAA	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10724	AAA	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.74	± 9.6 %
10725	AAA	IEEE 802.11ax (80MHz, MCS6, 90pc dc)			
10726	AAA	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	$\pm 9.6\%$
10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
	AAA	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10731		[EEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
	AAA				
10732		IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	
					± 9.6 % ± 9.6 % ± 9.6 %

10700		1555 000 44er (20MHz MC85, 00pp dc)	WLAN	8.27	± 9.6 %
10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.36	± 9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc dc) IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.48	± 9.6 %
10740 10741	AAA AAA	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10742	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	±9.6 %
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	±9.6 %
10746	AAA	1EEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10740	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	±9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAA	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 % ± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.01 8.01	$\pm 9.6\%$
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10773	AAC		5G NR FR1 TDD	8.02	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10775	AAB	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.30	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 10 KHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAB AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10778	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10779 10780	AAB	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 MHz)	5G NR FR1 TDD	8.38	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %

			5G NR FR1 TDD	7.89	±9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10803	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10805	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10806	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10809	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10812	AAC	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10818	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)			± 9.6 %
10819	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	
10822	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9,6 %
10824	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6 %
10828	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6 %
10830	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6 %
10831	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6 %
10832	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6 %
10832	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10833	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6 %
	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6 %
10835		5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6 %
10836	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6 %
10837	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6 %
10839	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6 %
10840	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	7.71	± 9.6 %
10841	AAC	5G NR (CP-OFDM, FKB, 100 Mil2, GF0K, 60 KH2)	5G NR FR1 TDD	8.49	±9.6%
10843	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.34	± 9.6 %
10844	AAC		5G NR FR1 TDD	8,41	± 9.6 %
10846	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6 %
10854	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6 %
10855	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6 %
10856	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10857	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10858	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10859	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10860	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)			± 9.6 %
10861	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	$\pm 9.6\%$
10863	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	
10864	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6%
10866	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	$\pm 9.6\%$
10868	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6%
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6 %
10878	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6 %
10879	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	8.38	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.57	± 9.6 %
10883		5G NR (DFT-s-OFDM, 14 KB, 50 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.53	± 9.6 %
10884		5G NR (DFT-S-OFDM, 100% RB, 50 MHz, 100AM, 120 KHz)	5G NR FR2 TDD	6.61	± 9.6 %
10885	AAD			1 0.01	/

ADD         EG NR (CP-OFTM, 198, ED MHZ, OPSK, 120 HHZ)         G NN FF2 TDD         A.76         ± 9.8 %           0588         ADD         EG NR (CP-OFTM, 198, ED S)         Sol MIZ, OPSK, 201 HHZ)         EG NN FF2 TDD         8.32         ± 9.8 %           0589         ADD         EG NR (CP-OFTM, 198, ED S)         Sol NIZ, CPO-CPM, 109, ED S)         Sol NIZ, CPO-CPM, 108, ED S)         Sol NIZ, CPO-CP					0.05	1069/
10688         ADD         FGS HR (CP-CPEM, 1480)         CPSK, 120 H412)         FG NR FR2 TDD         8.32         ±9.8 %           10689         ADD         FG NR (CP-CPEM, 1480)         EG NR FR2 TDD         8.32         ±9.8 %           10680         ADD         FG NR (CP-CPEM, 1480)         EG NR FR2 TDD         8.43         ±9.8 %           10681         ADD         FG NR (CP-CPEM, 1480)         EG NR FR2 TDD         8.41         ±9.8 %           10887         AAD         FG NR (CP-CPEM, 1480)         EMH2, CPSK, 30 H42)         FG NR FR1 TDD         6.67         ±9.8 %           10889         AAA         FG NR (CP-CPEM, 1480)         EMH2, CPSK, 30 H42)         FG NR FR1 TDD         6.67         ±9.8 %           10899         AAA         FG NR (CPT-4-CPEM, 1481)         EMH2, CPSK, 30 H42)         FG NR FR1 TDD         6.68         ±9.8 %           10901         AAA         FG NR (CPT-4-CPEM, 1481)         EMH2, CPSK, 30 H42)         FG NR FR1 TDD         5.68         ±9.8 %           10902         AAA         FG NR (CPT-4-CPEM, 1481)         EMH2, CPSK, 30 H42)         FG NR FR1 TDD         5.68         ±9.8 %           10904         AAA         FG NR (CPT-4-CPEM, 1481)         EMH2, CPSK, 30 H42)         FG NR FR1 TDD         5.68         ±9.8 % </td <td>10886</td> <td></td> <td>5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)</td> <td>5G NR FR2 TDD</td> <td>6.65</td> <td><math>\pm 9.6\%</math></td>	10886		5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	$\pm 9.6\%$
TADE         FAD         EG NR (CP-OFTML 1988, PB, SD MHz, 196AM, 120 Htz)         FG NR FR2 TDD         8.40         ± 8.8 %           0880         AAD         FG NR (CP-OFTML 1988, PB, SD MHz, 60AAM, 120 Htz)         FG NR FR2 TDD         8.41         ± 8.8 %           0882         AAD         FG NR (CP-OFTML 1988, PB, SD MHz, 60AAM, 120 Htz)         FG NR FR2 TDD         8.41         ± 8.8 %           0882         AAA         FG NR (CP-OFTML 1988, PB, SD MHz, 60AAM, 120 Htz)         FG NR FR2 TDD         8.41         ± 8.8 %           0889         AAA         FG NR (CPT-oFOTML 188, D MLz, 0PSK, 30 Htz)         FG NR FR1 TDD         5.67         ± 9.6 %           0898         AAA         FG NR (CPT-oFOTML 188, 15 MHz, 0PSK, 30 Htz)         FG NR FR1 TDD         5.68         ± 9.6 %           0898         AAA         FG NR (PT-oFOTML 188, 25 MHz, 0PSK, 30 Htz)         FG NR FR1 TDD         5.68         ± 9.6 %           0890         AAA         FG RR (DFT-oFOTML 188, 20 Htz, 0PSK, 30 Htz)         FG NR FR1 TDD         5.68         ± 9.6 %           0890         AAA         FG RR (DFT-oFOTML 188, 20 Htz, 0PSK, 30 Htz)         FG NR FR1 TDD         5.68         ± 9.6 %           0890         AAA         FG RR (DFT-oFOTML 188, 50 MHz, 0PSK, 30 Htz)         FG NR FR1 TDD         5.68 ± 9.6 %         50 NR FR1 TDD	10887	AAD				
10880         AAD         CS NIR (CP-OFOM, 109), FB, S0 MHz, EGOAM, 120 HHz)         GS NR FR2 TDD         8.13         2.8.5           10881         AAD         SG NR (CP-OFOM, 109), FB, S0 MHz, GHOAM, 120 HHz)         GS NR FR2 TDD         8.13         2.8.5           10887         AAA         SG NR (CP-OFOM, 109), FB, S0 MHz, GHOAM, 120 HHz)         GS NR FR1 TDD         5.66         7.8.5           10889         AAA         SG NR (CPT-OFOM, 1RE, S0 MHz, GPSK, S0 HHz)         GS NR FR1 TDD         5.67         2.9.5           10889         AAA         SG NR (CPT-OFOM, 1RE, S0 MHz, GPSK, S0 HHz)         GS NR FR1 TDD         5.67         2.9.5           10889         AAA         SG NR (CPT-OFOM, 1RE, S0 MHz, GPSK, S0 HHz)         SG NR FR1 TDD         5.68         2.9.6           10802         AAA         SG NR (CPT-OFOM, 1RE, S0 MHz, GPSK, S0 HHz)         SG NR FR1 TDD         5.68         2.9.6           10802         AAA         SG NR (DPT-OFOM, 1RE, S0 MHz, GPSK, S0 HHz)         SG NR FR1 TDD         5.68         2.9.6           10802         AAA         SG NR (DPT-OFOM, 1RE, S0 MHz, GPSK, S0 HHz)         SG NR FR1 TDD         5.68         2.9.6           10802         AAA         SG NR (DPT-OFOM, 1RE, S0 MHz, GPSK, S0 HHz)         SG NR FR1 TDD         5.68         2.9.6           1080	10888	AAD				
10837         AAD         65 MR (CD-OFDM, 109K B) 50 MHz, 60AM, 120 Hz)         66 NN FR2 TDD         8.41         ±9.5 %           10832         AAD         56 NR (CDFT-0FDM, 109K B) 50 MHz, 60AM, 120 Hz)         56 NN FR1 TDD         5.64         ±9.6 %           10836         AAA         56 NR (DFT-0FDM, 108K, 60 MHz, 0FSK, 30 Hz)         56 NN FR1 TDD         5.67         ±9.6 %           10836         AAA         56 NR (DFT-0FDM, 188, 50 MHz, 0FSK, 30 Hz)         56 NN FR1 TDD         5.67         ±9.6 %           10846         AAA         56 NR (DFT-0FDM, 188, 50 MHz, 0FSK, 30 Hz)         56 NN FR1 TDD         5.68         ±9.6 %           10960         AAA         56 NR (DFT-0FDM, 178, 20 MHz, 0FSK, 30 Hz)         56 NN FR1 TDD         5.68         ±9.6 %           10961         AAA         56 NR (DFT-0FDM, 178, 20 MHz, 0FSK, 30 Hz)         56 NN FR1 TDD         5.68         ±9.6 %           10963         AVA         56 NR (DFT-0FDM, 178, 80 MHz, 0FSK, 30 Hz)         56 NN FR1 TDD         5.68         ±9.6 %           10964         AVA         56 NR (DFT-0FDM, 178, 80 MHz, 0FSK, 30 Hz)         56 NN FR1 TDD         5.68         ±9.6 %           10965         AVA         56 NR (DFT-0FDM, 178, 80 MHz, 0FSK, 30 Hz)         56 NN FR1 TDD         5.68         ±9.6 %           10966	10889	AAD				
Desc         Aux         Corn RIV CDF OFDML 100% RB, SIMH2, GFOAM 120 Hz1         SO NR FR2 TOD         8.41         ± 9.6 %           19887         AAA         GO NR (DFT=-OFDML 186, DMH2, OPSK 30 Hz1)         SO NR FR1 TDD         5.67         ± 9.6 %           19888         AAA         GO NR (DFT=-OFDML 186, DMH2, OPSK 30 Hz1)         SO NR FR1 TDD         5.67         ± 9.6 %           10889         AAA         GO NR (DFT=-OFDML 186, DMH2, OPSK 30 Hz1)         SO NR FR1 TDD         5.68         ± 9.6 %           10800         AAA         GO NR (DFT=-OFDML 186, 20 HH2, OPSK 30 Hz1)         SO NR FR1 TDD         5.68         ± 9.6 %           10802         AAA         GO NR (DFT=-OFDML 186, 20 HH2, OPSK 30 Hz1)         SO NR FR1 TDD         5.68         ± 9.6 %           10802         AAA         GO NR (DFT=-OFDML 186, 20 HH2, OPSK 30 Hz1)         SO NR FR1 TDD         5.68         ± 9.6 %           10804         AAA         GO NR (DFT=-OFDML 186, 50 MH2, OPSK 30 Hz1)         SO NR FR1 TDD         5.68         ± 9.6 %           10806         AAA         GO NR (DFT=-OFDML 30 KR 80 MH2, OPSK 30 Hz1)         SO NR FR1 TDD         5.68         ± 9.6 %           10806         AAA         GO NR (DFT=-OFDML 30 KR 80 MH2, OPSK 30 Hz1)         SO NR FR1 TDD         5.68 ± 9.6 %           10806         <	10890	AAD				
	10891	AAD				
10088         AAA         SG NR (DFT-ACTEM)         188         0.000         5.67         ± 9.6 %           10089         AAA         SG NR (DFT-ACTEM)         188, 16 MHz, QPSK, 30 KH2)         50 NR FR1 TDD         5.67         ± 9.6 %           10090         AAA         SG NR (DFT-ACTEM), 188, 16 MHz, QPSK, 30 KH2)         50 NR FR1 TDD         5.68         ± 9.6 %           10901         AAA         SG NR (DFT-ACTEM), 188, 25 MHz, QPSK, 30 KH2)         50 NR FR1 TDD         5.68         ± 9.6 %           10902         AAA         SG NR (DFT-ACTEM), 188, 30 MHz, QPSK, 30 KH2)         50 NR FR1 TDD         5.68         ± 9.6 %           10904         AAA         SG NR (DFT-ACTEM), 188, 50 MHz, QPSK, 30 KH2)         50 NR FR1 TDD         5.68         ± 9.6 %           10904         AAA         SG NR (DFT-ACTEM), 188, 50 MHz, QPSK, 30 KH2)         50 NR FR1 TDD         5.68         ± 9.6 %           10906         AAA         SG NR (DFT-ACTEM), 50 KR 9, 10 MHz, QPSK, 30 KH2)         50 NR FR1 TDD         5.76         ± 9.6 %           10907         AAA         SG NR (DFT-ACTEM), 50 KR 9, 10 MHz, QPSK, 30 KH2)         50 NR FR1 TDD         5.76         ± 9.6 %           10908         AAA         SG NR (DFT-ACTEM), 50 KR 9, 10 MHz, QPSK, 30 KH2)         50 NR FR1 TDD         5.78         ± 9.6 %	10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)			
TOBBE         AAA         GO NR (DFT=o-DFDM, 11 RB, 10 MHz, QPSK, 30 HHz)         SO NR (PFR TDD         5.67 $\pm 9.6$ %           10899         AAA         GG NR (DFT=o-OFDM, 11 RB, 20 MHz, QPSK, 30 HHz)         GG NR (PFR TDD         5.68 $\pm 9.6$ %           10901         AAA         GG NR (PT=o-OFDM, 11 RB, 20 MHz, QPSK, 30 HHz)         GG NR (PFR TDD         5.68 $\pm 9.6$ %           10902         AAA         GG NR (PT=o-OFDM, 11 RB, 20 MHz, QPSK, 30 HHz)         SG NR (PFR TDD         5.68 $\pm 9.6$ %           10903         AAA         GG NR (DFT=o-OFDM, 11 RB, 20 MHz, QPSK, 30 HHz)         SG NR (PFR TDD         5.68 $\pm 9.6$ %           10905         AAA         GG NR (DFT=o-OFDM, 11 RB, 20 MHz, QPSK, 30 HHz)         SG NR (PFR TDD         5.68 $\pm 9.6$ %           10906         AAA         GG NR (DFT=o-OFDM, 30 % RB, 10 MHz, QPSK, 30 HHz)         SG NR (PFH TDD         5.83 $\pm 9.6$ %           10908         AAA         GG NR (PT=o-OFDM, 30 % RB, 10 MHz, QPSK, 30 HHz)         SG NR (PFH TDD         5.83 $\pm 9.6$ %           10910         AAA         GG NR RFH TDD         5.83 $\pm 9.6$ % $\pm 9.6$ %           10910         AAA         GG NR RFH TDD         5.93 $\pm 9.6$ % $\pm 9.6$ %           10911 <td>10897</td> <td>AAA</td> <td>5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)</td> <td>5G NR FR1 TDD</td> <td></td> <td></td>	10897	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
10899         AAA         GS NR ( $DFT=OFDM, 1RB, 15 MHz, QPSK, 30 HHz)         GO NR FR1 TDD         5.67         \pm 9.6 %           10900         AAA         6G NR (DFT=OFDM, 1RB, 22 MHz, QPSK, 30 HHz)         GO NR FR1 TDD         5.68         \pm 9.6 %           10901         AAA         6G NR (DFT=OFDM, 1RB, 20 MHz, QPSK, 30 HHz)         GO NR FR1 TDD         5.68         \pm 9.6 %           10902         AAA         6G NR (DFT=OFDM, 1RB, 40 MHz, QPSK, 30 HHz)         GS NR FR1 TDD         5.68         \pm 9.6 %           10904         AAA         6G NR (DFT=OFDM, 1RB, 40 MHz, QPSK, 30 HHz)         GS NR FR1 TDD         5.68         \pm 9.6 %           10906         AAA         6G NR (DFT=OFDM, 1RB, 60 MHz, QPSK, 30 HHz)         GS NR FR1 TDD         5.68         \pm 9.6 %           10906         AAA         6G NR (DFT=OFDM, 1SB, 60 MHz, QPSK, 30 Hz)         GS OR FR1 TDD         5.68         \pm 9.6 %           10906         AAA         6G NR (DFT=OFDM, 305 KB, 20 MHz, QPSK, 30 Hz)         GS OR FR1 TDD         5.84         \pm 9.6 %           10907         AAA         6G NR (DFT=OFDM, 305 KB, 20 MHz, QPSK, 30 Hz)         GS OR FR1 TDD         5.84         \pm 9.6 %           10908         AAA         6G NR (DFT=OFDM, 305 KB, 20 MHz, QPSK, 30 Hz)         GS OR FR1 TDD         5.84         \pm 9.6 %<$	10898	AAA		5G NR FR1 TDD	5.67	
10800         AAA         5G NR FR1 TDD         5.68 $\pm$ 9.6 %           10901         AAA         5G NR (DFT-s-OFDM, T.B., 25 MHz, OPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 9.6 %           10902         AAA         5G NR (DFT-s-OFDM, T.B., 20 MHz, OPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 9.6 %           10903         AAA         5G NR (DFT-s-OFDM, T.B., 40 MHz, OPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 9.6 %           10905         AAA         5G NR (DFT-s-OFDM, T.B., 60 MHz, OPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 9.6 %           10906         AAA         5G NR (DFT-s-OFDM, 18 B, 60 MHz, OPSK, 30 Hz)         5G NR FR1 TDD         5.68 $\pm$ 9.6 %           10907         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, OPSK, 30 Hz)         5G NR FR1 TDD         5.98 $\pm$ 9.6 %           10908         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, OPSK, 30 Hz)         5G NR FR1 TDD         5.84 $\pm$ 9.6 %           10901         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, OPSK, 30 Hz)         5G NR FR1 TDD         5.84 $\pm$ 9.6 %           10911         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 Hz)         5G NR FR1 TDD         5.84 $\pm$ 9.6 %           10911	10899		5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
19901         AAA         5G NR (PT-s-OFDM, T.B., 25 MHz, OPSK, 30 Hz)         5G NR FRI TOD         5.68         ± 9.6 %           19902         AAA         5G NR (DFT-s-OFDM, T.B., 30 Htz, OPSK, 30 Hz)         5G NR FRI TOD         5.68         ± 9.6 %           19903         AAA         5G NR (DFT-s-OFDM, T.B. 50 Htz, OPSK, 30 Hz)         5G NR FRI TOD         5.68         ± 9.6 %           19905         AAA         5G NR (DFT-s-OFDM, T.B. 50 Mtz, OPSK, 30 Hz)         5G NR FRI TOD         5.68         ± 9.6 %           19906         AAA         5G NR (DFT-s-OFDM, 178, 90 Mtz, OPSK, 30 Hz)         5G NR FRI TOD         5.78         ± 9.6 %           19907         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 Mtz, OPSK, 30 Hz)         5G NR FRI TDD         5.78         ± 9.6 %           19906         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 Mtz, OPSK, 30 Hz)         5G NR FRI TDD         5.83         ± 9.6 %           19911         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 Mtz, OPSK, 30 Hz)         5G NR FRI TDD         5.84         ± 9.6 %           19911         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 Mtz, OPSK, 30 Hz)         5G NR FRI TDD         5.84         ± 9.6 %           19911         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 Mtz, OPSK, 30 Hz)         5G NR FRI TDD         5.84         ± 9.6 %			5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,68	± 9.6 %
Tobb         TAA         EG NR         DET=-OFDM, T.B., 30 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.68 $\pm$ 9.6 %           T0903         AAA         SG NR (DFT-s-OFDM, T.B. 40 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.68 $\pm$ 9.6 %           T0906         AAA         SG NR (DFT-s-OFDM, T.B. 80 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.68 $\pm$ 9.6 %           T0906         AAA         SG NR (DFT-s-OFDM, T.B., 80 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.78 $\pm$ 9.6 %           T0907         AAA         SG NR (DFT-s-OFDM, SG KR, 10 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.78 $\pm$ 9.6 %           T0908         AAA         SG NR (DFT-s-OFDM, SG KR, 10 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.98 $\pm$ 8.6 %           T0910         AAA         SG NR (DTT-s-OFDM, SG KR, 82 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.98 $\pm$ 8.6 %           T0911         AAA         SG NR (DTT-s-OFDM, SG KR, 82 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.84 $\pm$ 8.6 %           T0912         AAA         SG NR (DTT-s-OFDM, SG KR, 80 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.84 $\pm$ 8.6 %           T0913         AAA         SG NR (DT-s-OFDM, SG KR, 80 MHz, OPSK, 30 HHz)         SG NR FR1 TDD         5.84				5G NR FR1 TDD	5.68	± 9.6 %
10903         AAA         56 NR (PET-s-OFDM, T RE, 40 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.68         ± 9.6 %           10904         AAA         56 NR (DFT-s-OFDM, T RE, 50 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.68         ± 9.6 %           10906         AAA         56 NR (DFT-s-OFDM, 18 B, 80 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.68         ± 9.6 %           10807         AAA         56 NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.78         ± 9.6 %           10808         AAA         56 NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.93         ± 9.6 %           10909         AAA         56 NR (DFT-s-OFDM, 50% RB, 16 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.93         ± 9.6 %           10911         AAA         56 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.83         ± 9.6 %           10912         AAA         56 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.84         ± 9.6 %           10914         AAA         56 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.84         ± 9.6 %           10917         AAA         56 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         56 NR FR1 TDD         5.83         ± 9				5G NR FR1 TDD	5.68	±9.6 %
				5G NR FR1 TDD	5.68	±9.6 %
10006         AAA         5G NR (PT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.68 $\pm 9.6$ %           10006         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.78 $\pm 9.6$ %           10007         AAA         5G NR (PT TDD         5.78 $\pm 9.6$ %           10008         AAA         5G NR (PT TDD         5.96 $\pm 9.6$ %           10009         AAA         5G NR (PT TDD         5.96 $\pm 9.6$ %           10010         AAA         5G NR (PT T-s-OFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.98 $\pm 9.6$ %           10011         AAA         5G NR (PT -s-OFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84 $\pm 9.6$ %           10012         AAA         5G NR (PT -s-OFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84 $\pm 9.6$ %           10013         AAA         5G NR (PT -s-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84 $\pm 9.6$ %           10016         AAA         5G NR (PT -s-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84 $\pm 9.6$ %           10016         AAA         5G NR (PT -s-OFDM, 100% RB, 5M Hz, QPSK, 30 KHz)         5G NR FR1 TDD					5.68	± 9.6 %
10966         AAA         5G NR (DFT=OFDM, 16B, 50 MHz, OPSK, 30 kHz)         6G NR FR1 TDD         5.68         ± 9.6 %           10907         AAA         5G NR (DFT=oFDM, 50% RB, 5 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.78         ± 9.6 %           10908         AAA         5G NR (DFT=oFDM, 50% RB, 10 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.93         ± 9.6 %           10909         AAA         5G NR (DFT=oFDM, 50% RB, 10 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.83         ± 9.6 %           10910         AAA         5G NR (DFT=oFDM, 50% RB, 20 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10911         AAA         5G NR (DFT=oFDM, 50% RB, 20 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10912         AAA         5G NR (DFT=oFDM, 50% RB, 50 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10913         AAA         5G NR (DFT=oFDM, 50% RB, 60 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 %           10914         AAA         5G NR (DFT=oFDM, 50% RB, 60 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10917         AAA         5G NR (DFT=oFDM, 100% RB, 5 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 % <td></td> <td></td> <td></td> <td>5G NR FR1 TDD</td> <td>5.68</td> <td>±9.6 %</td>				5G NR FR1 TDD	5.68	±9.6 %
10607         AAA         5G NR (DFT=-5CPDM, 50% EB, 5 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.78         ± 9.6 %           10908         AAA         5G NR (DFT=-5CPDM, 50% RB, 10 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.98         ± 9.6 %           10909         AAA         5G NR (DFT=-5CPDM, 50% RB, 20 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.98         ± 9.6 %           10911         AAA         5G NR (DFT=-5CPDM, 50% RB, 20 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.83         ± 9.6 %           10912         AAA         5G NR (DFT=-5CPDM, 50% RB, 20 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10913         AAA         5G NR (DFT=-5CPDM, 50% RB, 30 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10916         AAA         5G NR (DFT=-5CPDM, 50% RB, 50 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.83         ± 9.6 %           10917         AAA         5G NR (DFT=-5CPDM, 50% RB, 100 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10918         AAA         5G NR (DFT=-5CPDM, 50% RB, 100 MHz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10921         AAA         5G NR (DFT=-5CPDM, 100% RB, 5M Hz, OPSK, 30 kHz)         5G NR FR1 TDD         5.84						±9.6 %
10308         AAA         SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.93         ± 9.6 %           10909         AAA         SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.98         ± 9.6 %           10910         AAA         SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.93         ± 9.6 %           10911         AAA         SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10912         AAA         SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10914         AAA         SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10916         AAA         SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10917         AAA         SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10917         AAA         SG NR (DFT-s-OFDM, 100% RB, 0 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 %           10921         AAA         SG NR (DFT-s-OFDM, 100% RB, 6.5 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.88						
10808         AAA         5G NR (DFT-s-OFDM, 50%, RB, 15 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.96         ± 9.6 %           10910         AAA         5G NR (DFT-s-OFDM, 50%, RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.83         ± 9.6 %           10911         AAA         5G NR (DFT-s-OFDM, 50%, RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10912         AAA         5G NR (DFT-s-OFDM, 50%, RB, 80 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10914         AAA         5G NR (DFT-s-OFDM, 50%, RB, 80 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10916         AAA         5G NR (DFT-s-OFDM, 50%, RB, 80 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10917         AAA         5G NR (DFT-s-OFDM, 50%, RB, 100 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10918         AAA         5G NR (DFT-s-OFDM, 100%, RB, 50 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.86         ± 9.6 %           10920         AAA         5G NR (DFT-s-OFDM, 100%, RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.86         ± 9.6 %           10921         AAA         5G NR (DFT-s-OFDM, 100%, RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84<						
10810         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.83         ± 9.6 %           10911         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10912         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10914         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10916         AAA         5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10917         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10917         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.86         ± 9.6 %           10918         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.86         ± 9.6 %           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.86         ± 9.6 %           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         <						
10811         AAA         GG NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 HHz)         GG NR FR1 TDD         5.93         ± 9.6 9           10912         AAA         GG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10913         AAA         GG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10914         AAA         GG NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.83         ± 9.6 9           10916         AAA         GG NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.83         ± 9.6 9           10917         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10918         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.86         ± 9.6 9           10920         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 HHz)         5G NR FR1 TDD         5.84						
Dot NL         Dot NL         OPSK, 30 KH2         Gens FR1 TDD         5.84         ± 9.6.7           10913         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 KH2)         5G NR FR1 TDD         5.84         ± 9.6.7           10914         AAA         5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 KH2)         5G NR FR1 TDD         5.85         ± 9.6.9           10915         AAA         5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 KH2)         5G NR FR1 TDD         5.83         ± 9.6.9           10916         AAA         5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 KH2)         5G NR FR1 TDD         5.84         ± 9.6.9           10917         AAA         5G NR (DFT-s-OFDM, 100% RB, 5M Hz, QPSK, 30 KH2)         5G NR FR1 TDD         5.86         ± 9.6.9           10919         AAA         5G NR (DFT-s-OFDM, 100% RB, 5M Hz, QPSK, 30 KH2)         5G NR FR1 TDD         5.86         ± 9.6.9           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KH2)         5G NR FR1 TDD         5.84         ± 9.6.9           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KH2)         5G NR FR1 TDD         5.84         ± 9.6.9           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KH2)         5G NR FR1 TDD         5.84         ± 9.6.9						
10913         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10914         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.85         ± 9.6 ?           10915         AAA         5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ± 9.6 ?           10916         AAA         5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ± 9.6 ?           10917         AAA         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 ?           10918         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 ?           10920         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84						
10014         AAA         56 NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 KHz)         56 NR FR1 TDD         5.85         ± 9.6 ?           10015         AAA         5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.83         ± 9.6 ?           10016         AAA         5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10017         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.86         ± 9.6 ?           10018         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.86         ± 9.6 ?           10021         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10022         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10022         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10022         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10024         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84						
10915         AAA         5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.83         ± 9.6 9           10916         AAA         5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ± 9.6 9           10917         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 0MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 9           10918         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 9           10919         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 9           10920         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94	· · · · · · · · · · · · · · · · · · ·					
10016         AAA         5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ± 9.6 %           10917         AAA         5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 %           10918         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 %           10919         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 %           10920         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84						
10917         AAA         5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 7           10918         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.86         ± 9.6 7           10919         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.87         ± 9.6 7           10920         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 7           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 7           10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 7           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 7           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 7           10928         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 15 kHz)         5G NR FR1 TDD         5.91         ± 9.6 7           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.5.1	10915	AAA				
ID01         DAA         SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.86         ± 9.6 9           10919         AAA         SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.86         ± 9.6 9           10920         AAA         SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.87         ± 9.6 9           10921         AAA         SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 9           10922         AAA         SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 9           10922         AAA         SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 9           10925         AAA         SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 9           10926         AAA         SG NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 HHz)         SG NR FR1 TDD         5.84         ± 9.6 9           10928         AAA         SG NR (DFT-s-OFDM, 108, BR, 80 MHz, QPSK, 15 Hz)         SG NR FR1 TDD         5.52         ± 9.6 9           10928         AAA         SG NR (DFT-s-OFDM, 1 RB, 16 MHz, QPSK, 15 Hz)         SG NR FR1 FDD         5.52	10916	AAA				
10918         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.86         ± 9.6 9           10920         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.87         ± 9.6 9           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.52         ± 9.6 9           10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 9           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51	10917	AAA				
Instruct         Sort RIC (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 KHz)         SG NR FR1 TDD         5.87         ± 9.6 ?           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 ?           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.24         ± 9.6 ?           10927         AAA         5G NR (DFT-s-OFDM, 18, 5MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 ?           10928         AAA         5G NR (DFT-s-OFDM, 17, 8, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 ?           10930         AAA         5G NR (DFT-s-OFDM, 17, 8, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 ?	10918	AAA				
10920         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.82         ± 9.6 9           10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 9           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 9           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 15 kHz)         5G NR FR1 TDD         5.94         ± 9.6 9           10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 9           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51	10919	AAA				
10921         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.82         ± 9.6 9           10923         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 9           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 9           10927         AAA         5G NR (DFT-s-OFDM, 18, 5 MHz, QPSK, 30 kHz)         5G NR FR1 FDD         5.52         ± 9.6 9           10928         AAA         5G NR (DFT-s-OFDM, 18, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 9           10930         AAA         5G NR (DFT-s-OFDM, 17, 18, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10931         AAA         5G NR (DFT-s-OFDM, 17, 8, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10933         AAA         5G NR (DFT-s-OFDM, 17, 8, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.	10920	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)			},
10922         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.94         ± 9.6 9           10928         AAA         5G NR (DFT-s-OFDM, 1RB, 5 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.52         ± 9.6 9           10928         AAA         5G NR (DFT-s-OFDM, 1RB, 10 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.52         ± 9.6 9           10930         AAA         5G NR (DFT-s-OFDM, 1RB, 10 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10931         AAA         5G NR (DFT-s-OFDM, 1RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10933         AAA         5G NR (DFT-s-OFDM, 1RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ± 9.6 9<	10921	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6%
10923       AAA       5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ±9.6 9         10924       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ±9.6 9         10925       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ±9.6 9         10926       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.84       ±9.6 9         10927       AAA       5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)       5G NR FR1 TDD       5.94       ±9.6 9         10928       AAA       5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.52       ±9.6 9         10929       AAA       5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.52       ±9.6 9         10930       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.51       ±9.6 9         10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.51       ±9.6 9         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.51       ±9.6 9         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15		AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ± 9.6 9           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.95 ± 9.6 9           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.94 ± 9.6 9           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz)         5G NR FR1 TDD         5.94 ± 9.6 9           10928         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52 ± 9.6 9           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52 ± 9.6 9           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51 ± 9.6 9           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51 ± 9.6 9           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51 ± 9.6 9           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51 ± 9.6 9           10934         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)         5				5G NR FR1 TDD	5.84	± 9.6 %
10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.95         ± 9.6 °           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 °           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 °           10928         AAA         5G NR (DFT-s-OFDM, 18B, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 °           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 °           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °           10935         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °				5G NR FR1 TDD	5.84	±9.6 %
10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.84         ±9.6 °           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)         5G NR FR1 TDD         5.94         ±9.6 °           10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.52         ±9.6 °           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.52         ±9.6 °           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ±9.6 °           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ±9.6 °           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ±9.6 °           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ±9.6 °           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ±9.6 °           10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz)         5G NR FR1 FDD         5.51         ±9.6 ° <td></td> <td></td> <td></td> <td>5G NR FR1 TDD</td> <td>5.95</td> <td>±9.6 %</td>				5G NR FR1 TDD	5.95	±9.6 %
10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 9           10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 9           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 9           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 9           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 9           10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6 9				5G NR FR1 TDD	5.84	±9.6 %
10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 °           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 °           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 16 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 °           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °           10935         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 °           10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6 °           10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.80 ± 9.6 °					5.94	± 9.6 %
10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 f           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 f           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10935         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.71         ± 9.6 f           10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6 f           10937         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.90         ± 9.6 f           10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 f				5G NR FR1 FDD	5.52	±9.6 %
10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 f           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10935         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6 f           10937         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6 f           10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 f           10939         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 f <td></td> <td></td> <td></td> <td></td> <td></td> <td>± 9.6 %</td>						± 9.6 %
10030         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10935         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 f           10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.90         ± 9.6 f           10937         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.90         ± 9.6 f           10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 f           10939         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 f           10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 f	· · · · · · · · · · · · · · · · · · ·					± 9.6 %
10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 f         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 f         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 f         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 f         10936       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 f         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ±9.6 f         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ±9.6 f         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ±9.6 f         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ±9.6 f         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ±9.6 f         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kH						±9.6 %
1002         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6         5           10935         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6         5           10936         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6         5           10937         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6         5           10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6           10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6           10939         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6           10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10941         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5						± 9.6 %
10933       AAA       50 NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 °         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 °         10936       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ±9.6 °         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ±9.6 °         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ±9.6 °         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ±9.6 °         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ±9.6 °         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ±9.6 °         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ±9.6 °         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ±9.6 °         10943       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK,						± 9.6 %
10934       AAA       5G NR (DF1's-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6         10935       AAA       5G NR (DF1-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6         10937       AAA       5G NR (DF1-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6         10938       AAA       5G NR (DF1-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6         10939       AAA       5G NR (DF1-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6         10939       AAA       5G NR (DF1-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6         10940       AAA       5G NR (DF1-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6         10941       AAA       5G NR (DF1-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6         10942       AAA       5G NR (DF1-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6         10943       AAA       5G NR (DF1-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6         10944       AAA       5G NR (DF1-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kH						
10935       AAA       5G NR (DFT-s-OFDM, 10% RB, 5 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.90       ± 9.6         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.77       ± 9.6         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.77       ± 9.6         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.90       ± 9.6         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.82       ± 9.6         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.82       ± 9.6         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.83       ± 9.6         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.83       ± 9.6         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.85       ± 9.6         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz)       5G NR FR1 FDD       5.81       ± 9.6         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 K		1				
10930       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.89       ± 9.6         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6         10943       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 1	1					
10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.90         ± 9.6           10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6           10939         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6           10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10941         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10943         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6		_				
10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.89       ± 9.6         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6         10947       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 1						
10333         AAA         5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.89         ± 9.6           10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10941         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10943         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6	i					
10910         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10941         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10943         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6						
10041         JWR         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10943         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6	10940					± 9.6 %
10342         Ava         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.95         ± 9.6           10943         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 </td <td>10941</td> <td>AAA</td> <td></td> <td></td> <td></td> <td>± 9.6 %</td>	10941	AAA				± 9.6 %
10343         AAA         56 NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6 </td <td>10942</td> <td>AAA</td> <td></td> <td></td> <td></td> <td>± 9.6 %</td>	10942	AAA				± 9.6 %
10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6<	10943	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)			± 9.6 %
10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6           10952         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6			5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)			± 9.6 %
10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6	10945	AAA			5.85	± 9.6 %
10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6				5G NR FR1 FDD	5.83	± 9.6 %
10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6				5G NR FR1 FDD	5.87	± 9.6 %
10949         AAA         5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6				5G NR FR1 FDD	5.94	± 9.6 %
10343         XXX         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10950         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6           10951         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.92         ± 9.6           10952         AAA         5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)         5G NR FR1 FDD         8.25         ± 9.6						± 9.6 %
10000         1000         Control of the control of th						± 9.6 %
10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ± 9.6						± 9.6 %
						± 9.6 %
	10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 KHz)	5G NR FR1 FDD	8.15	± 9.6 %

				8.23	± 9.6 %
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD		
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 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
		5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6 %
10960	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 KHz)	5G NR FR1 TDD	9.36	± 9.6 %
10961	AAA	5G NR DL (CP-OPDW, 1W 5.1, 10 WHZ, 04-0AW, 10 KHZ)	5G NR FR1 TDD	9.40	±9.6%
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)			
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
		SO NR DE (OF OF DW, TWO.1, TO WILL, OF QUAL, OF ALL)	5G NR FR1 TDD	9.42	± 9.6 %
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)			
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %

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

## **Calibration Laboratory of**

PC Test

Client

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



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- Service suisse d'étalonnage С
  - 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

Certificate No: D2600V2-1064\_Jun19

# **CALIBRATION CERTIFICATE**

Object	D2600V2 - SN:1(	064	
Calibration procedure(s)	QA CAL-05.v11 Calibration Proce	dure for SAR Validation Source	BN <sup>V</sup> 07 81 2019 s between 0.7-3 GHz
			๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛
Calibration date:	June 14, 2019		
The measurements and the uncerta	ainties with confidence p ad in the closed laborator	onal standards, which realize the physical unrobability are given on the following pages a $\gamma$ facility: environment temperature (22 ± 3)	nd are part of the certificate.
Primary Standards	D#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	03-Apr-19 (No. 217-02892/02893)	
Power sensor NRP-Z91	SN: 103244	03-Apr-19 (No. 217-02892)	Apr-20
Power sensor NRP-Z91	SN: 103245	03-Apr-19 (No. 217-02893)	Apr-20
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-19 (No. 217-02893)	Apr-20
Type-N mismatch combination	SN: 5058 (20K)		Apr-20
Reference Probe EX3DV4	SN: 7349	04-Apr-19 (No. 217-02895)	Apr-20
		29-May-19 (No. EX3-7349_May19)	May-20
DAE4	SN: 601	30-Apr-19 (No. DAE4-601_Apr19)	Apr-20
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Feb-19)	In house check: Oct-20
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-18)	In house check: Oct-20
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-18)	In house check: Oct-20
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-18)	In house check: Oct-20
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-18)	In house check: Oct-19
	Name	Function	Signature
Calibrated by:	Michael Weber	Laboratory Technician	
			Miller
Approved by:	Katja Pokovic	Technical Manager	Ally
This calibration certificate shall not	be reproduced except in	full without written approval of the laborator	Issued: June 20, 2019 y.

## **Calibration Laboratory of**

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





Schweizerischer Kalibrierdienst

S Service suisse d'étalonnage С

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
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

## Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Additional Documentation:

e) DASY4/5 System Handbook

## Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end ٠ of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- Electrical Delay: One-way delay between the SMA connector and the antenna feed point. 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%.

## **Measurement Conditions**

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

DASY Version	DASY5	V52.10.2	
Extrapolation	Advanced Extrapolation		
Phantom	Modular Flat Phantom		
Distance Dipole Center - TSL	10 mm	with Spacer	
Zoom Scan Resolution	dx, dy, dz = 5 mm		
Frequency	2600 MHz ± 1 MHz		

## **Head TSL parameters**

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.0	1.96 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.3 ± 6 %	2.03 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

## SAR result with Head TSL

SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	14.9 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	58.1 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.59 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	26.0 W/kg ± 16.5 % (k=2)

## **Body TSL parameters**

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52.5	2.16 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	50.5 ± 6 %	2.22 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		

## SAR result with Body TSL

SAR averaged over 1 cm <sup>3</sup> (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	14.2 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	55.6 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm <sup>3</sup> (10 g) of Body TSL	condition	
SAR measured	250 mW input power	6.33 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	25.0 W/kg ± 16.5 % (k=2)

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

## Antenna Parameters with Head TSL

Impedance, transformed to feed point	49.8 Ω - 6.9 jΩ		
Return Loss	- 23.2 dB		

## Antenna Parameters with Body TSL

Impedance, transformed to feed point	46.6 Ω - 4.4 jΩ
Return Loss	- 24.9 dB

## **General Antenna Parameters and Design**

Electrical Delay (one direction)	1.151 ns

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
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## **DASY5 Validation Report for Head TSL**

Date: 14.06.2019

Test Laboratory: SPEAG, Zurich, Switzerland

## DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1064

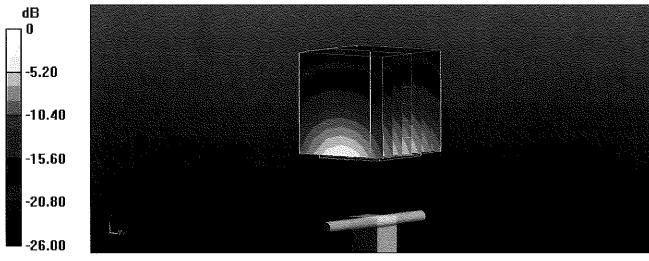
Communication System: UID 0 - CW; Frequency: 2600 MHz Medium parameters used: f = 2600 MHz;  $\sigma = 2.03$  S/m;  $\epsilon_r = 37.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

### DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(7.69, 7.69, 7.69) @ 2600 MHz; Calibrated: 29.05.2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 30.04.2019
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.2(1504); SEMCAD X 14.6.12(7470)

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

Measurement grid: dx=5mm, dy=5mm, dz=5mmReference Value = 120.9 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 30.2 W/kg SAR(1 g) = 14.9 W/kg; SAR(10 g) = 6.59 W/kg Maximum value of SAR (measured) = 25.1 W/kg



0 dB = 25.1 W/kg = 14.00 dBW/kg

## Impedance Measurement Plot for Head TSL

<u>File View</u>	<u>C</u> hannel Sw <u>e</u> ep	Calibration <u>T</u> race	<u>Scale Marker Sys</u>	stem <u>W</u> indow	<u>H</u> elp	
				$\Delta = -$	2.600000 GHz 8.8630 pF 2.600000 GHz	49.847 Ω -6.9066 Ω 69.025 mU -87.316 °
Ch1:S	Ch 1 Avg = 20 Start 2.40000 GHz		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Stop 2.80000 GHz
10.00 5.00 -5.00 -10.00 -15.00 -20.00 -25.00 -35.00 -40.00 -Ch1: S	Ch 1 Avg = 20 Start 2.40000 GHz			> 1: :	2.600000 GHz	-23.220 dB
Status	CH 1: 511	C* 1-Por	- Ai	vg=20 Delay		LCL

## **DASY5 Validation Report for Body TSL**

Date: 14.06.2019

Test Laboratory: SPEAG, Zurich, Switzerland

## DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1064

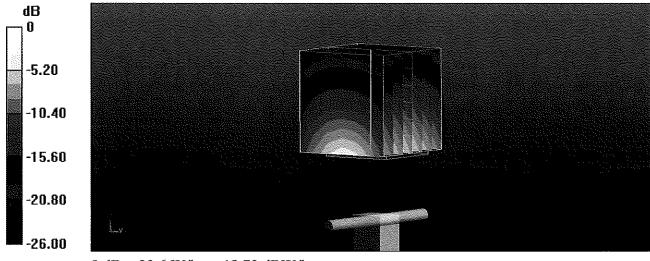
Communication System: UID 0 - CW; Frequency: 2600 MHz Medium parameters used: f = 2600 MHz;  $\sigma$  = 2.22 S/m;  $\epsilon_r$  = 50.5;  $\rho$  = 1000 kg/m<sup>3</sup> Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

### DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(7.8, 7.8, 7.8) @ 2600 MHz; Calibrated: 29.05.2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 30.04.2019
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.2(1504); SEMCAD X 14.6.12(7470)

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

Measurement grid: dx=5mm, dy=5mm, dz=5mmReference Value = 110.6 V/m; Power Drift = -0.05 dB Peak SAR (extrapolated) = 28.9 W/kg **SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.33 W/kg** Maximum value of SAR (measured) = 23.6 W/kg



0 dB = 23.6 W/kg = 13.73 dBW/kg

## Impedance Measurement Plot for Body TSL

File	<u>View Channe</u>	l Sw <u>e</u> ep Caljb	ration <u>T</u> race <u>S</u> cale	M <u>a</u> rker S <u>v</u> stem <u>Wi</u> ndow	Help	
	Ch 1 Avg	= 20	<u> </u>		2.600000 GHz 14.009 pF 2.600000 GHz	46.645 Ω -4.3696 Ω 56.944 mU -124.93 °
	Ch1: Start 2.4000			~		Stop 2,80000 GHz
10.0 5.0 0.0 -5.0	10			> 1:	2.800000 GHz	-24.891 dB
-15 -20 -25 -30 -35	.00 .00	= 20 ) GHz				Stop 2,80000 GHz





# **Certification of Calibration**

Object

D2600V2 - SN: 1064

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

June 14, 2020

Extended Calibration date:

Description:

SAR Validation Dipole at 2600 MHz.

## Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Control Company	4040	Therm./Clock/Humidity Monitor	6/29/2019	Biennial	6/29/2021	192291470
Control Company	4352	Ultra Long Stem Thermometer	8/2/2018	Biennial	8/2/2020	181334684
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	433971
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Keysight Technologies	85033E	Standard Mechanical Calibration Kit (DC to 9GHz, 3.5mm)	7/2/2019	Annual	7/2/2020	MY53401181
Rohde & Schwarz	ZNLE6	Vector Network Analyzer	10/11/2019	Annual	10/11/2020	101307
Mini-Circuits	BW-N20W5+	DC to 18 GHz Precision Fixed 20 dB Attenuator	CBT	N/A	CBT	N/A
SPEAG	DAKS-3.5	Portable DAK	9/10/2019	Annual	9/10/2020	1045
Anritsu	MA2411B	Pulse Power Sensor	8/14/2019	Annual	8/14/2020	1315051
Anritsu	MA2411B	Pulse Power Sensor	8/8/2019	Annual	8/8/2020	1339008
Anritsu	ML2495A	Power Meter	12/17/2019	Annual	12/17/2020	941001
Agilent	N5182A	MXG Vector Signal Generator	8/19/2019 Annual 8/19/20		8/19/2020	MY47420837
Seekonk	NC-100	Torque Wrench	7/18/2019	Annual	7/18/2020	N/A
MiniCircuits	ZHDC-16-63-S+	Bidirectional Coupler	CBT	N/A	CBT	N/A
MiniCircuits	VLF-6000+	Low Pass Filter	CBT	N/A	CBT	N/A
SPEAG	EX3DV4	SAR Probe	1/21/2020	Annual	1/21/2021	3589
SPEAG	EX3DV4	SAR Probe 7/15,		Annual	7/15/2020	7547
SPEAG	DAE4	Dasy Data Acquisition Electronics	7/11/2019	Annual	7/11/2020	1323
SPEAG	DAE4	Dasy Data Acquisition Electronics	1/13/2020	Annual	1/13/2021	1558

Measurement Uncertainty =  $\pm 23\%$  (k=2)

	Name	Function	Signature
Calibrated By:	Test Engineer	Test Engineer	BRODIE HALBFOSTER
Approved By:	Kaitlin O'Keefe	Managing Director	ROK

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## **DIPOLE CALIBRATION EXTENSION**

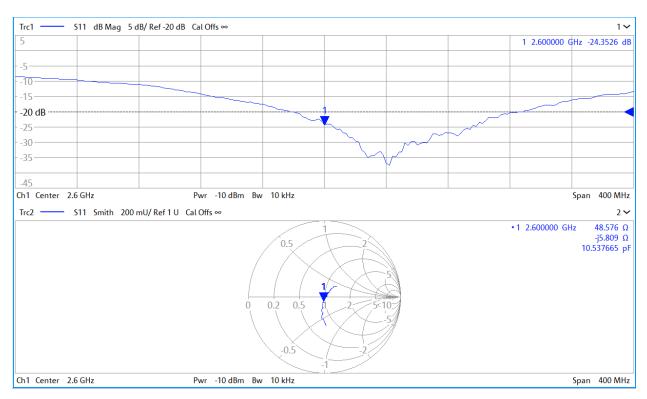
Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than  $5\Omega$  from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 2-year calibration period from the calibration date:

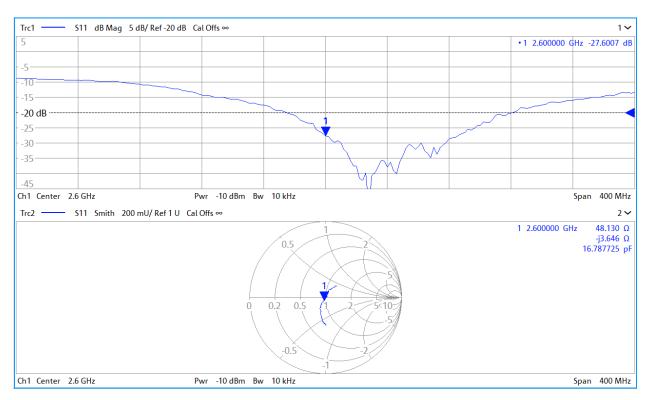
Calibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Head (1g) W/kg @ 20.0 dBm	Measured Head SAR (1g) W/kg @ 20.0 dBm		Certificate SAR Target Head (10g) W/kg @ 20.0 dBm	(10a) W/ka @	Deviation 10g (%)	Certificate Impedance Head (Ohm) Real	Measured Impedance Head (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Head (Ohm) Imaginary	Measured Impedance Head (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Head (dB)	Measured Return Loss Head (dB)	Deviation (%)	PASS/FAIL
6/14/2019	6/14/2020	1.151	5.81	5.68	-2.24%	2.6	2.56	-1.54%	49.8	48.6	1.2	-6.9	-5.8	1.1	-23.2	-24.4	-5.00%	PASS
Calibration Date	Extension Date	Certificate Electrical Delay (ns)		Measured Body SAR (1g) W/kg @ 20.0 dBm			(10a) W/ka @	Deviation 10g (%)	Certificate Impedance Body (Ohm) Real	Measured Impedance Body (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Body (Ohm) Imaginary	Measured Impedance Body (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Body (dB)	Measured Return Loss Body (dB)	Deviation (%)	PASS/FAIL
6/14/2019	6/14/2020	1.151	5.56	5.43	-2.34%	2.5	2.39	-4.40%	46.6	48.1	1.5	-4.4	-3.6	0.8	-24.9	-27.6	-10.80%	PASS

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### Impedance & Return-Loss Measurement Plot for Head TSL

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### Impedance & Return-Loss Measurement Plot for Body TSL

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