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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	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	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 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 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	± 9.6 %
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 %





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10899 AAD SG NR (DFT-SOFDM, 1 RB, 15 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.67 9.9.6 % 10901 AAD SG NR (DFT-SOFDM, 1 RB, 25 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10902 AAD SG NR (DFT-SOFDM, 1 RB, 25 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10903 AAD SG NR (DFT-SOFDM, 1 RB, 30 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10903 AAD SG NR (DFT-SOFDM, 1 RB, 30 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10903 AAD SG NR (DFT-SOFDM, 1 RB, 40 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10905 AAD SG NR (DFT-SOFDM, 1 RB, 60 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10905 AAD SG NR (DFT-SOFDM, 1 RB, 60 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10907 AAD SG NR (DFT-SOFDM, 1 RB, 60 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10907 AAD SG NR (DFT-SOFDM, 1 RB, 60 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10907 AAD SG NR (DFT-SOFDM, 1 SG NR, 50 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.68 9.9.6 % 10909 AAD SG NR (DFT-SOFDM, 50% RB, 50 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.70 4.9.6 % 10909 AAD SG NR (DFT-SOFDM, 50% RB, 50 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.70 4.9.6 % 10909 AAD SG NR (DFT-SOFDM, 50% RB, 50 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.90 4.9.6 % 10901 AAD SG NR (DFT-SOFDM, 50% RB, 25 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.90 4.9.6 % 10901 AAD SG NR (DFT-SOFDM, 50% RB, 25 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.93 4.9.6 % 10901 AAD SG NR (DFT-SOFDM, 50% RB, 25 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.93 4.9.6 % 10901 AAD SG NR (DFT-SOFDM, 50% RB, 30 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.93 4.9.6 % 10901 AAD SG NR (DFT-SOFDM, 50% RB, 30 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.87 4.9.6 % 10901 AAD SG NR (DFT-SOFDM, 50% RB, 30 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.87 4.9.6 % 10901 AAD SG NR (DFT-SOFDM, 50% RB, 50 MHz, CPSK, 30 MHz) SG NR FRI TIDD 5.87 4.9.6 % 10901	10900 AAD 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10901 AAD 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10902 AAD 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10903 AAD 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10904 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10907 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TE	DD 5.68 DD 5.68	± 9.6 % ± 9.6 %
10002 AAD 5G NR (PFT-G-OPDM, 1RB, 25 MHz, OPSK, 30 HHz)	10901 AAD 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10902 AAD 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10903 AAD 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10904 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10907 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TE	DD 5.68 DD 5.68 DD 5.68 DD 5.68 DD 5.68 DD 5.68 DD 5.68 DD 5.68 DD 5.78 DD 5.93 DD 5.93 DD 5.83 DD 5.83 DD 5.83	± 9.6 % ± 9.6 %
19902 AAD 5G NR (PFF-6-PDM, 1RB, 30 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.68 ± 9.6 % 19904 AAD 5G NR (PFF-6-PDM, 1RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.68 ± 9.6 % 19909 AAD 5G NR (PFF-6-PDM, 1RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.68 ± 9.6 % 19909 AAD 5G NR (PFF-6-PDM, 1RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.68 ± 9.6 % 19909 AAD 5G NR (PFF-6-PDM, 1RB, 80 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.68 ± 9.6 % 19909 AAD 5G NR (PFF-6-PDM, 50% RB, 5M Hz, OPSK, 30 Hz) 5G NR FRI TDD 5.68 ± 9.6 % 19909 AAD 5G NR (PFF-6-PDM, 50% RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.90 ± 9.6 % 19909 AAD 5G NR (PFF-6-PDM, 50% RB, 15M Hz, OPSK, 30 Hz) 5G NR FRI TDD 5.93 ± 9.6 % 19909 AAD 5G NR (PFF-6-PDM, 50% RB, 15M Hz, OPSK, 30 Hz) 5G NR FRI TDD 5.93 ± 9.6 % 19909 AAD 5G NR (PFF-6-PDM, 50% RB, 15M Hz, OPSK, 30 Hz) 5G NR FRI TDD 5.83 ± 9.6 % 19911 AAD 5G NR (PFF-6-PDM, 50% RB, 25M Hz, OPSK, 30 Hz) 5G NR FRI TDD 5.83 ± 9.6 % 19911 AAD 5G NR (PFF-6-PDM, 50% RB, 25M Hz, OPSK, 30 Hz) 5G NR FRI TDD 5.83 ± 9.6 % 19912 AAD 5G NR (PFF-6-PDM, 50% RB, 25M Hz, OPSK, 30 Hz) 5G NR FRI TDD 5.84 ± 9.6 % 19914 AAD 5G NR (PFF-6-PDM, 50% RB, 25M Hz, OPSK, 30 Hz) 5G NR FRI TDD 5.84 ± 9.6 % 19914 AAD 5G NR (PFF-6-PDM, 50% RB, 25M Hz, OPSK, 30 Hz) 5G NR FRI TDD 5.84 ± 9.6 % 19915 AAD 5G NR (PFF-6-PDM, 50% RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.84 ± 9.6 % 19915 AAD 5G NR (PFF-6-PDM, 50% RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.84 ± 9.6 % 19916 AAD 5G NR (PFF-6-PDM, 50% RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.85 ± 9.6 % 19918 AAD 5G NR (PFF-6-PDM, 50% RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.85 ± 9.6 % 19919 AAD 5G NR (PFF-6-PDM, 50% RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.86 ± 9.6 % 19919 AAD 5G NR (PFF-6-PDM, 100% RB, 50 MHz, OPSK, 30 Hz) 5G NR FRI TDD 5.80 ± 9.6 % 19919 AAD 5G NR (OPF-6-PDM, 100% RB, 50	10902 AAD 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10903 AAD 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10904 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10907 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TE	DD 5.68 DD 5.68 DD 5.68 DD 5.68 DD 5.68 DD 5.78 DD 5.93 DD 5.96 DD 5.83 DD 5.83 DD 5.83	± 9.6 % ± 9.6 %
190903 AAD 5G NR (PFTs-OFDM, 1RB, 40 MHz, OPSK, 30 Hz)	10903 AAD 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10904 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10907 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TE	DD 5.68 DD 5.68 DD 5.68 DD 5.68 DD 5.78 DD 5.93 DD 5.96 DD 5.83 DD 5.93 DD 5.83 DD 5.83	± 9.6 % ± 9.6 %
1999	10904 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10907 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TE	D 5.68 D 5.68 D 5.68 D 5.78 D 5.93 D 5.96 D 5.83 D 5.93 D 5.83	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
19995 AAD SG NR (DFT-s-OFDM, 18R, 80 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.88 ±9.6 % 19907 AAD SG NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.88 ±9.6 % 19908 AAD SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.93 ±9.6 % 19909 AAD SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.93 ±9.6 % 19909 AAD SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.93 ±9.6 % 19910 AAD SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.93 ±9.6 % 19911 AAD SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.93 ±9.6 % 19911 AAD SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.93 ±9.6 % 19913 AAD SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.94 ±9.6 % 19913 AAD SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.84 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.85 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.85 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.85 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.85 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.85 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.85 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.85 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.85 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.85 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.86 ±9.6 % 19915 AAD SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR RR1 TDD 5.86 ±9.6 % 19925	10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10907 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TE	D 5.68 D 5.68 D 5.78 D 5.93 D 5.96 D 5.83 D 5.93 D 5.93	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10907 AAD SG NR (DFT-s-OPEM, 50% RB, 5 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.78 ± 9.6 % 10908 AAD SG NR (DFT-s-OPEM, 50% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.78 ± 9.6 % 10909 AAD SG NR (DFT-s-OPEM, 50% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.96 ± 9.6 % 10910 AAD SG NR (DFT-s-OPEM, 50% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.96 ± 9.6 % 10911 AAD SG NR (DFT-s-OPEM, 50% RB, 25 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.90 ± 9.6 % 10912 AAD SG NR (DFT-s-OPEM, 50% RB, 25 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.93 ± 9.6 % 10913 AAD SG NR (DFT-s-OPEM, 50% RB, 25 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.93 ± 9.6 % 10913 AAD SG NR (DFT-s-OPEM, 50% RB, 40 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.84 ± 9.6 % 10914 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.6 % 10915 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.6 % 10916 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.6 % 10916 AAD SG NR (DFT-s-OPEM, 50% RB, 60 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.87 ± 9.6 % 10916 AAD SG NR (DFT-s-OPEM, 50% RB, 60 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10918 AAD SG NR (DFT-s-OPEM, 50% RB, 60 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10918 AAD SG NR (DFT-s-OPEM, 50% RB, 60 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10918 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10921 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.80 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.80 ± 9.6 % 10922 AAD SG NR (DF	10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10907 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TE	D 5.68 D 5.78 D 5.93 D 5.96 D 5.83 D 5.93 D 5.83	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10907 AAD SG NR (DFT-s-OPEM, 50% RB, 5 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.78 ± 9.6 % 10908 AAD SG NR (DFT-s-OPEM, 50% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.78 ± 9.6 % 10909 AAD SG NR (DFT-s-OPEM, 50% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.96 ± 9.6 % 10910 AAD SG NR (DFT-s-OPEM, 50% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.96 ± 9.6 % 10911 AAD SG NR (DFT-s-OPEM, 50% RB, 25 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.90 ± 9.6 % 10912 AAD SG NR (DFT-s-OPEM, 50% RB, 25 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.93 ± 9.6 % 10913 AAD SG NR (DFT-s-OPEM, 50% RB, 25 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.93 ± 9.6 % 10913 AAD SG NR (DFT-s-OPEM, 50% RB, 40 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.84 ± 9.6 % 10914 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.6 % 10915 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.6 % 10916 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.6 % 10916 AAD SG NR (DFT-s-OPEM, 50% RB, 60 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.87 ± 9.6 % 10916 AAD SG NR (DFT-s-OPEM, 50% RB, 60 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10918 AAD SG NR (DFT-s-OPEM, 50% RB, 60 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10918 AAD SG NR (DFT-s-OPEM, 50% RB, 60 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10918 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10921 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.80 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.80 ± 9.6 % 10922 AAD SG NR (DF	10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TE 10907 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TE	D 5.68 D 5.78 D 5.93 D 5.96 D 5.83 D 5.93 D 5.83	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10907 AAD SG NR (DFT-s-OPEM, 50% RB, 10 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.93 ± 9.6 % 10908 AAD SG NR (DFT-s-OPEM, 50% RB, 10 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.93 ± 9.6 % 10910 AAD SG NR (DFT-s-OPEM, 50% RB, 20 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.83 ± 9.6 % 10911 AAD SG NR (DFT-s-OPEM, 50% RB, 20 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.83 ± 9.6 % 10912 AAD SG NR (DFT-s-OPEM, 50% RB, 20 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.83 ± 9.6 % 10912 AAD SG NR (DFT-s-OPEM, 50% RB, 30 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.84 ± 9.6 % 10912 AAD SG NR (DFT-s-OPEM, 50% RB, 30 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.84 ± 9.6 % 10913 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.84 ± 9.6 % 10914 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.9 % 10915 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.8 % 10916 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.6 % 10917 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.85 ± 9.6 % 10918 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.87 ± 9.6 % 10918 AAD SG NR (DFT-s-OPEM, 50% RB, 50 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.87 ± 9.6 % 10918 AAD SG NR (DFT-s-OPEM, 100% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OPEM, 100% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OPEM, 100% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 15 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 26 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 26 MHz, QPSK, 30 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OPEM, 100% RB, 26 MHz, QPSK, 15 MHz) SG NR RR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (10907 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TE	D 5.78 D 5.93 D 5.96 D 5.83 D 5.93 D 5.84	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10009 AAD SG NR (DFT-s-OFDM, 50% RB, 15 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.98 ± 9.6 % 10010 AAD SG NR (DFT-s-OFDM, 50% RB, 15 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.98 ± 9.6 % 10011 AAD SG NR (DFT-s-OFDM, 50% RB, 25 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.98 ± 9.6 % 10012 AAD SG NR (DFT-s-OFDM, 50% RB, 25 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.93 ± 9.6 % 10012 AAD SG NR (DFT-s-OFDM, 50% RB, 25 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.94 ± 9.6 % 10013 AAD SG NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.94 ± 9.6 % 10014 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.85 ± 9.6 % 10014 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.85 ± 9.6 % 10014 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.85 ± 9.6 % 10014 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.85 ± 9.6 % 10014 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.85 ± 9.6 % 10016 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 Hz) SG NR RR1 TDD 5.86 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 KHz) SG NR RR1 TDD 5.86 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 KHz) SG NR RR1 TDD 5.86 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 KHz) SG NR RR1 TDD 5.86 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 KHz) SG NR RR1 TDD 5.86 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 KHz) SG NR RR1 TDD 5.86 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 KHz) SG NR RR1 TDD 5.86 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 KHz) SG NR RR1 TDD 5.86 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 KHz) SG NR RR1 TDD 5.80 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM, 1008 RB, 50 MHz, OPSK, 30 KHz) SG NR RR1 TDD 5.80 ± 9.6 % 10018 AAD SG NR (DFT-s-OFDM,		D 5.93 D 5.96 D 5.83 D 5.93 D 5.84	± 9.6 % ± 9.6 % ± 9.6 %
10909 AAD SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.98 ± 9.6 % 10911 AAD SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.93 ± 9.6 % 10912 AAD SG NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.94 ± 9.6 % 10913 AAD SG NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10913 AAD SG NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10914 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10915 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.85 ± 9.6 % 10916 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10917 AAD SG NR (DFT-s-OFDM, 50% RB, 10 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10918 AAD SG NR (DFT-s-OFDM, 50% RB, 10 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.94 ± 9.6 % 10919 AAD SG NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.96 ± 9.6 % 10920 AAD SG NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 26 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.82 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 30 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 30 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 30 MHz, OPSK, 30 kHz) SG NR FR	10908 AAD 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TE	D 5.83 D 5.93 D 5.84	± 9.6 % ± 9.6 %
10910 AAD SG NR (DFT-s-OFDM, 50% RB, 25 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.83 ± 9.6 % 10912 AAD SG NR (DFT-s-OFDM, 50% RB, 25 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10913 AAD SG NR (DFT-s-OFDM, 50% RB, 40 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10914 AAD SG NR (DFT-s-OFDM, 50% RB, 40 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.85 ± 9.6 % 10916 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.85 ± 9.6 % 10917 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10917 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10917 AAD SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10918 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10919 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) SG NR F	10909 AAD 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TE	D 5.93 D 5.84	± 9.6 %
10911 AAD SG NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.93 ± 9.6 % 10913 AAD SG NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10914 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.85 ± 9.6 % 10915 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.85 ± 9.6 % 10916 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.85 ± 9.6 % 10917 AAD SG NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10917 AAD SG NR (DFT-s-OFDM, 50% RB, 100 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10917 AAD SG NR (DFT-s-OFDM, 50% RB, 100 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10919 AAD SG NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.86 ± 9.6 % 10921 AAD SG NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.87 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 40 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, OPSK, 30 kHz) SG NR FRI TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, OPSK, 30 kHz) SG N	10910 AAD 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TE	D 5.93 D 5.84	
10912 AAD 5G NR (DFT-s-OFDM, 59% RB, 30 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10914 AAD 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.85 ± 9.6 % 10915 AAD 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.85 ± 9.6 % 10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.87 ± 9.6 % 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.87 ± 9.6 % 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10919 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10919 AAD 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.96 ± 9.6 % 10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10921 AAD 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10923 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz) 5G NR FR1 TDD 5.96 % 10929 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) 5G NR FR1 TDD 5.95 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) 5G NR FR1			
10913 AAD 5G NR (DFT-s-OFDM, 59% RB, 40 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10915 AAD 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.85 ± 9.6 % 10915 AAD 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.83 ± 9.6 % 10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.87 ± 9.6 % 10918 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ± 9.6 % 10918 AAD 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ± 9.6 % 10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ± 9.6 % 10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ± 9.6 % 10921 AAD 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.87 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.87 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.82 ± 9.6 % 10923 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10923 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10925 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.95 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.96 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.95 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz) 5G NR FRI TDD 5.95 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz) 5G NR FRI TDD 5.95 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 15 kHz) 5		D 5.84	± 9.6 %
10914 AAD 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.85 ± 9.6 % 10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.87 ± 9.6 % 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.94 ± 9.6 % 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.94 ± 9.6 % 10919 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.96 ± 9.6 % 10919 AAD 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ± 9.6 % 10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ± 9.6 % 10921 AAD 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.82 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10925 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 1RB, 10 MHz, QPSK, 15 kHz) 5G NR FRI TDD 5.84 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 1RB, 10 MHz, QPSK, 15 kHz) 5G NR FRI TDD 5.52 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 1RB, 10 MHz, QPSK, 15 kHz) 5G NR FRI TDD 5.52 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 1RB, 10 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.51 ± 9.6 % 10933 AAD 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FRI FDD			
10915 AAD 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR 1TDD 5.87 ± 9.6 % 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR 1TDD 5.94 ± 9.6 % 10917 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10919 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ± 9.6 % 10921 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10925 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 5.54 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.55 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)		D 5.85	
10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.87 ± 9.6 % 10918 AAD 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10919 AAD 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10921 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.82 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.82 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.82 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10925 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.95 ± 9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 5.52 ± 9.6 % 10930 AAD 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 5.52 ± 9.6 % 109331 AAD 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.52 ± 9.6 % 109331 AAD 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.52 ± 9.6 % 109331 AAD 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.55 ± 9.6 % 109331 AAA 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.56 ± 9.6 % 109331 AAA 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 FDD		D 5.83	
10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10919 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10921 AAD 5G NR (DFT-s-OFDM, 100% RB, 16 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 ± 9.6 % 10923 AAD 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10925 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 ± 9.6 % 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 5.52 ± 9.6 % 10930 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10930 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10930 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 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 % 10933 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, 40 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		D 5.87	
10918 AAD SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.86 ± 9.6 % 10920 AAD SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.86 ± 9.6 % 10921 AAD SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.86 ± 9.6 % 10922 AAD SG NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.82 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.82 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10924 AAD SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10926 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10926 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10926 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10928 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10928 AAD SG NR (DFT-s-OFDM, 17 KB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10930 AAD SG NR (DFT-s-OFDM, 17 KB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10931 AAD SG NR (DFT-s-OFDM, 17 KB, 15 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.52 ± 9.6 % 10931 AAD SG NR (DFT-s-OFDM, 17 KB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.52 ± 9.6 % 10931 AAD SG NR (DFT-s-OFDM, 17 KB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 17 KB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 17 KB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 17 KB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.51 ± 9.6 % 10934 AAA SG NR (DFT-s-OFDM, 17 KB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5		D 5.94	
10920 AAD SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.87 ± 9.6 % 10921 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.82 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10924 AAD SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10926 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10927 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10928 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10929 AAD SG NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10930 AAD SG NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.52 ± 9.6 % 10931 AAD SG NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.52 ± 9.6 % 10931 AAD SG NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.52 ± 9.6 % 10931 AAD SG NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10934 AAA SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 %	10918 AAD 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TD	D 5.86	
10920 AAD SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.87 ± 9.6 % 10921 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.82 ± 9.6 % 10923 AAD SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10924 AAD SG NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10925 AAD SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.84 ± 9.6 % 10926 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10927 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10928 AAD SG NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10929 AAD SG NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.94 ± 9.6 % 10930 AAD SG NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.52 ± 9.6 % 10931 AAD SG NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.52 ± 9.6 % 10931 AAD SG NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.52 ± 9.6 % 10931 AAD SG NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10933 AAA SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 % 10934 AAA SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 TDD 5.51 ± 9.6 %			
10922 AAD 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10925 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10925 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 ± 9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 ± 9.6 % 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 1RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10930 AAD 5G NR (DFT-s-OFDM, 1RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10931 AAD 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10931 AAD 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ± 9.6 % 10932 AAB 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, 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 % 10936 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 5.51 ± 9.6 % 10936 AAA 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ± 9.6 % 10936 AAA 5G NR (DFT-s-OFDM, 50% 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 5.50 ± 9.6 % 10934 AAB 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.50 ± 9.6 % 10934 AAB 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ± 9.6 % 1	10920 AAD 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TD	D 5.87	± 9.6 %
10923 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 ± 9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.54 ± 9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10930 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10931 AAD 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ± 9.6 % 10932 AAB 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 % 10935 AAA 5G NR (DFT-s-OFDM, 1 RB, 40 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, 5 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 5.51 ± 9.6 % 10936 AAB 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ± 9.6 % 10936 AAB 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ± 9.6 % 10936 AAB 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ± 9.6 % 10936 AAB 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ± 9.6 % 10936 AAB 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ± 9.6 % 1093		D 5.84	± 9.6 %
10924		D 5.82	
10925 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ±9.6 % 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ±9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ±9.6 % 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ±9.6 % 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ±9.6 % 10930 AAD 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ±9.6 % 10931 AAD 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10931 AAD 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10932 AAB 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, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10936 AAC 5G NR (DFT-s-OFDM, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10937 AAB 5G NR (DFT-s-OFDM, 50 MRz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10937 AAB 5G NR (DFT-s-OFDM, 50 MRz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 ±9.6 % 10938 AAA 5G NR (DFT-s-OFDM, 50 MRz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 ±9.6 % 10938 AAB 5G NR (DFT-s-OFDM, 50 MRz, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 ±9.6 % 10934 AAB 5G NR (DFT-s-OFDM, 50 MRz, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 ±9.6 % 10942 AAB 5G NR (DFT-s-OFDM, 50 MRz, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ±9.6 % 10943 AAB 5G NR (DFT-s-OFDM, 50 MRz, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ±9.6 % 10944 AAB 5G NR (DFT-s-OFDM, 50 MRz, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 % 10944 AAB 5G NR (DFT-s-OFDM, 50 MRz, 20 MHz, QPSK,	10923 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TD	D 5.84	± 9.6 %
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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, 20 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 %			
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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 %		5.87	
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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 %			
10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ± 9.6 %			
ADDET LAND LEGALD DI (OD OEDM TMOA ADMIL OA OAM COLLI)			
10957 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ± 9.6 %	10957 AAC 5G NR DL (CP-OFDM, 1M 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FD	8.31 כ	± 9.6 %





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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 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %
10978	AAA	ULLA BDR	ULLA	1.16	± 9.6 %
10979	AAA	ULLA HDR4	ULLA	8.58	± 9.6 %
10980	AAA	ULLA HDR8	ULLA	10.32	± 9.6 %
10981	AAA	ULLA HDRp4	ULLA	3.19	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	3.43	± 9.6 %
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	± 9.6 %
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	± 9.6 %
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	± 9.6 %
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	± 9.6 %
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	± 9.6 %
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	± 9.6 %
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 9.6 %
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	± 9.6 %
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	± 9.6 %
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	± 9.6 %
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	± 9.6 %
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	± 9.6 %
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	± 9.6 %
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	± 9.6 %
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	± 9.6 %
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	± 9.6 %
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	± 9.6 %
11013	AAA	IEEE 802.11be (320MHz, MCS1, 99pc duty cycle)	WLAN	8.47	± 9.6 %
11014	AAA	IEEE 802.11be (320MHz, MCS2, 99pc duty cycle)	WLAN	8.45	± 9.6 %
11015	AAA	IEEE 802.11be (320MHz, MCS3, 99pc duty cycle)	WLAN	8.44	± 9.6 %
11016	AAA	IEEE 802.11be (320MHz, MCS4, 99pc duty cycle)	WLAN	8.44	± 9.6 %
11017	AAA	IEEE 802.11be (320MHz, MCS5, 99pc duty cycle)	WLAN	8.41	± 9.6 %
11018	AAA	IEEE 802.11be (320MHz, MCS6, 99pc duty cycle)	WLAN	8.40	± 9.6 %
11019	AAA	IEEE 802.11be (320MHz, MCS7, 99pc duty cycle)	WLAN	8.29	± 9.6 %
11020	AAA	IEEE 802.11be (320MHz, MCS8, 99pc duty cycle)	WLAN	8.27	± 9.6 %
11021	AAA	IEEE 802.11be (320MHz, MCS9, 99pc duty cycle)	WLAN	8.46	± 9.6 %
11022	AAA	IEEE 802.11be (320MHz, MCS10, 99pc duty cycle)	WLAN	8.36	± 9.6 %
11023	AAA	IEEE 802.11be (320MHz, MCS11, 99pc duty cycle)	WLAN	8.09	± 9.6 %
11024	AAA	IEEE 802.11be (320MHz, MCS12, 99pc duty cycle)	WLAN	8.42	± 9.6 %
11025	AAA	IEEE 802.11be (320MHz, MCS13, 99pc duty cycle)	WLAN	8.37	± 9.6 %
11026	AAA	IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)	WLAN	8.39	± 9.6 %

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



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TOWE



Certificate No: 24J02Z000974

CALIBRATION CERTIFICATE

Object

DAE4ip - SN: 1846

Calibration Procedure(s)

FF-Z11-002-01

Calibration Procedure for the Data Acquisition Electronics

(DAEx)

Calibration date:

December 10, 2024

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Process Calibrator 753	1971018	11-Jun-24 (CTTL, No.24J02X005147)	Jun-25

Name

Function

Signature

Calibrated by:

Yu Zongying

SAR Test Engineer

Reviewed by:

Lin Jun

SAR Test Engineer

Approved by:

Qi Dianyuan

SAR Project Leader

Issued: December 11, 2024

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Glossary:

DAE data acquisition electronics

Connector angle information used in DASY system to align probe sensor X

to the robot coordinate system.

Methods Applied and Interpretation of Parameters:

 DC Voltage Measurement: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.

- Connector angle: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The report provide only calibration results for DAE, it does not contain other performance test results.

Certificate No: 24J02Z000974





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DC Voltage Measurement

A/D - Converter Resolution nominal

High Range: 1 Low Range: 1

1LSB = 1LSB = 6.1μV , 61nV , full range =

-100...+300 mV

full range =

-1.....+3mV

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	х	Y	Z
High Range	404.504 ± 0.15% (k=2)	404.731 ± 0.15% (k=2)	404.486 ± 0.15% (k=2)
Low Range	3.99731 ± 0.7% (k=2)	4.01106 ± 0.7% (k=2)	3.98858 ± 0.7% (k=2)

Connector Angle

Connector Angle to be used in DASY system	52.5° ± 1 °
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Certificate No: 24J02Z000974

Calibration Laboratory of Schmid & Partner

Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Client

Sushi TOWE (Auden)

Certificate No: D2450V2-1099_Feb23

CALIBRATION CERTIFICATE

Object

D2450V2 - SN:1099

Calibration procedure(s)

QA CAL-05.v12

Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

Calibration date:

February 02, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
Power sensor NRP-Z91	SN: 103245	04-Apr-22 (No. 217-03525)	Apr-23
Reference 20 dB Attenuator	SN: BH9394 (20k)	04-Apr-22 (No. 217-03527)	Apr-23
Type-N mismatch combination	SN: 310982 / 06327	04-Apr-22 (No. 217-03528)	Apr-23
Reference Probe EX3DV4	SN: 7349	10-Jan-23 (No. EX3-7349_Jan23)	Jan-24
DAE4	SN: 601	19-Dec-22 (No. DAE4-601_Dec22)	Dec-23
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature
Calibrated by:	Paulo Pina	Laboratory Technician	Tant has
Approved by:	Sven Kühn	Technical Manager	0

Issued: February 6, 2023

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Certificate No: D2450V2-1099 Feb23

Calibration Laboratory of

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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

TSL tissue simulating liquid

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

Calibration is Performed According to the Following Standards:

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

b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

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

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

Certificate No: D2450V2-1099 Feb23

Page 2 of 7

Measurement Conditions

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

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

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	39.3 ± 6 %	1.85 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	2002	[- T-66

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.0 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	51.4 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.02 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.9 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	52.6 Ω + 4.5 jΩ	
Return Loss	- 25.9 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.152 ns	
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

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

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

Additional EUT Data

Manufactured by	SPEAG	
-----------------	-------	--

Certificate No: D2450V2-1099 Feb23

DASY5 Validation Report for Head TSL

Date: 02.02.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:1099

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

Medium parameters used: f = 2450 MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

Probe: EX3DV4 - SN7349; ConvF(7.88, 7.88, 7.88) @ 2450 MHz; Calibrated: 10.01.2023

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 19.12.2022
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

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

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

Reference Value = 115.3 V/m; Power Drift = 0.02 dB

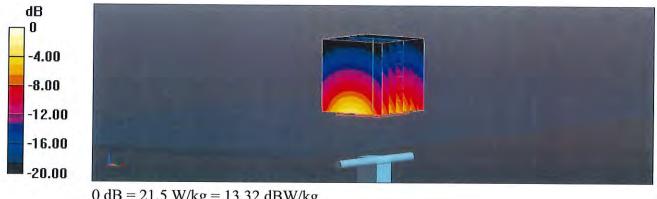
Peak SAR (extrapolated) = 25.8 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 6.02 W/kg

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

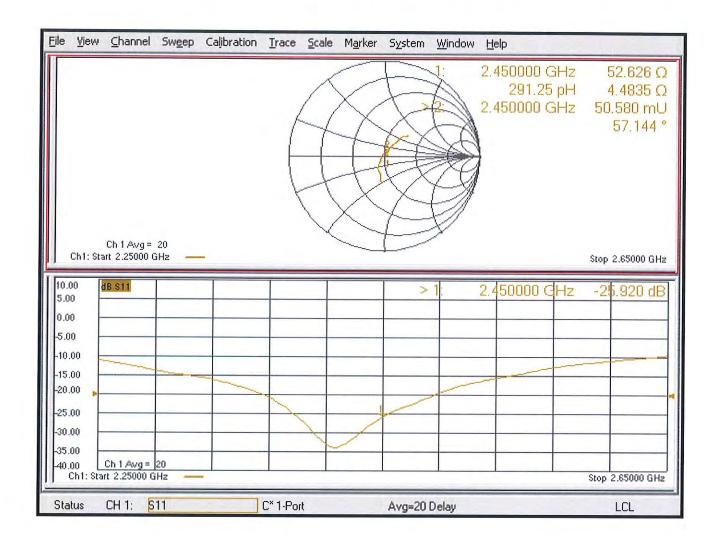
Ratio of SAR at M2 to SAR at M1 = 50.5%

Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg = 13.32 dBW/kg

Impedance Measurement Plot for Head TSL



Appendix: Transfer Calibration at Four Validation Locations on SAM Head¹

Evaluation Condition

Phantom	SAM Head Phantom	For usage with cSAR3DV2-R/L		

SAR result with SAM Head (Top ≅ C0)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	54.8 W/kg ± 17.5 % (k=2)
SAR averaged over 10 cm³ (10 g) of Head TSL	condition	

SAR result with SAM Head (Mouth ≅ F90)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	55.9 W/kg ± 17.5 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	

SAR result with SAM Head (Neck ≅ H0)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	52.6 W/kg ± 17.5 % (k=2)
SAR averaged over 10 cm³ (10 g) of Head TSL	condition	

SAR result with SAM Head (Ear ≅ D90)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	33.7 W/kg ± 17.5 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	

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 $^{^{1}\,}$ Additional assessments outside the current scope of SCS 0108



D2450V2 SN 1099 Extended Dipole Calibrations

Referring to KDB 865664, if dipoles are verified in return loss (<-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary, and the calibration interval can be extended.

Dipole D2450V2 (SN 1099)						
	2450MHz Head Liquid					
Date of Measurement	Return Loss(dB)	Δ%	Real Impedance (Ω)	ΔΩ	Imaginary Impedance (Ω)	ΔΩ
2023-02-02 (Cal. Report)	-25.92	1	52.626	1	4.4835	1
2024-02-01 (extended)	-28.0037	8.04	53	0.374	2	-2.4835

The return loss is < -20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

Dipole Verification Data:

