

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3935

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm ($\mu\text{V}/(\text{V}/\text{m})^2$) ^A	0.48	0.53	0.48	± 10.1 %
DCP (mV) ^B	107.0	103.9	105.7	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB $\sqrt{\mu\text{V}}$	C	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0.00	158.8	± 3.3 %	± 4.7 %
		Y	0.00	0.00	1.00		172.4		
		Z	0.00	0.00	1.00		163.6		
10352- AAA	Pulse Waveform (200Hz, 10%)	X	20.00	94.53	23.62	10.00	60.0	± 2.5 %	± 9.6 %
		Y	20.00	94.11	24.01		60.0		
		Z	20.00	94.67	23.72		60.0		
10353- AAA	Pulse Waveform (200Hz, 20%)	X	20.00	95.88	23.07	6.99	80.0	± 1.3 %	± 9.6 %
		Y	20.00	94.31	22.94		80.0		
		Z	20.00	95.26	22.86		80.0		
10354- AAA	Pulse Waveform (200Hz, 40%)	X	20.00	99.68	23.43	3.98	95.0	± 1.1 %	± 9.6 %
		Y	20.00	97.12	22.90		95.0		
		Z	20.00	98.52	23.03		95.0		
10355- AAA	Pulse Waveform (200Hz, 60%)	X	20.00	105.09	24.65	2.22	120.0	± 1.2 %	± 9.6 %
		Y	20.00	102.59	24.21		120.0		
		Z	20.00	104.39	24.52		120.0		
10387- AAA	QPSK Waveform, 1 MHz	X	1.63	64.58	14.26	1.00	150.0	± 1.6 %	± 9.6 %
		Y	1.87	66.51	15.63		150.0		
		Z	1.74	65.50	14.94		150.0		
10388- AAA	QPSK Waveform, 10 MHz	X	2.09	66.44	14.85	0.00	150.0	± 9.7 %	± 9.6 %
		Y	2.50	69.21	16.34		150.0		
		Z	1.00	70.00	30.00		150.0		
10396- AAA	64-QAM Waveform, 100 kHz	X	2.78	69.40	18.18	3.01	150.0	± 0.7 %	± 9.6 %
		Y	3.33	71.73	19.33		150.0		
		Z	3.10	71.01	18.86		150.0		
10399- AAA	64-QAM Waveform, 40 MHz	X	3.43	66.50	15.32	0.00	150.0	± 0.7 %	± 9.6 %
		Y	3.56	67.14	15.81		150.0		
		Z	3.56	67.15	15.72		150.0		
10414- AAA	WLAN CCDF, 64-QAM, 40MHz	X	4.85	65.39	15.25	0.00	150.0	± 1.3 %	± 9.6 %
		Y	4.94	65.49	15.44		150.0		
		Z	4.97	65.74	15.49		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%.

^A The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 and 6).

^B Numerical linearization parameter: uncertainty not required.

^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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Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T6
X	49.7	359.29	33.54	16.92	0.67	5.06	1.48	0.15	1.01
Y	57.3	419.48	34.40	26.81	0.79	5.10	0.93	0.36	1.01
Z	53.5	388.21	33.81	20.39	0.67	5.07	1.60	0.19	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-134.2
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.

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Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	41.9	0.89	10.59	10.59	10.59	0.43	0.80	± 12.0 %
835	41.5	0.90	10.27	10.27	10.27	0.29	1.06	± 12.0 %
900	41.5	0.97	10.02	10.02	10.02	0.32	0.95	± 12.0 %
1450	40.5	1.20	9.13	9.13	9.13	0.38	0.80	± 12.0 %
1750	40.1	1.37	8.90	8.90	8.90	0.31	0.80	± 12.0 %
1900	40.0	1.40	8.61	8.61	8.61	0.29	0.80	± 12.0 %
2000	40.0	1.40	8.52	8.52	8.52	0.29	0.80	± 12.0 %
2300	39.5	1.67	8.08	8.08	8.08	0.33	0.90	± 12.0 %
2450	39.2	1.80	7.86	7.86	7.86	0.27	0.90	± 12.0 %
2600	39.0	1.96	7.66	7.66	7.66	0.35	0.90	± 12.0 %
3300	38.2	2.71	7.37	7.37	7.37	0.25	1.30	± 14.0 %
3500	37.9	2.91	7.16	7.16	7.16	0.25	1.30	± 14.0 %
3700	37.7	3.12	7.03	7.03	7.03	0.30	1.35	± 14.0 %
3900	37.5	3.32	6.99	6.99	6.99	0.30	1.30	± 14.0 %
4100	37.2	3.53	6.87	6.87	6.87	0.35	1.50	± 14.0 %
4200	37.1	3.63	6.80	6.80	6.80	0.35	1.50	± 14.0 %
4400	36.9	3.84	6.54	6.54	6.54	0.40	1.60	± 14.0 %
4600	36.7	4.04	6.41	6.41	6.41	0.40	1.60	± 14.0 %
4800	36.4	4.25	6.40	6.40	6.40	0.40	1.80	± 14.0 %
4950	36.3	4.40	6.13	6.13	6.13	0.40	1.80	± 14.0 %
5250	35.9	4.71	5.04	5.04	5.04	0.40	1.80	± 14.0 %
5600	35.5	5.07	4.69	4.69	4.69	0.40	1.80	± 14.0 %
5750	35.4	5.22	4.71	4.71	4.71	0.40	1.80	± 14.0 %

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the 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.

^F At frequencies up to 6 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

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Calibration Parameter Determined in Head Tissue Simulating Media

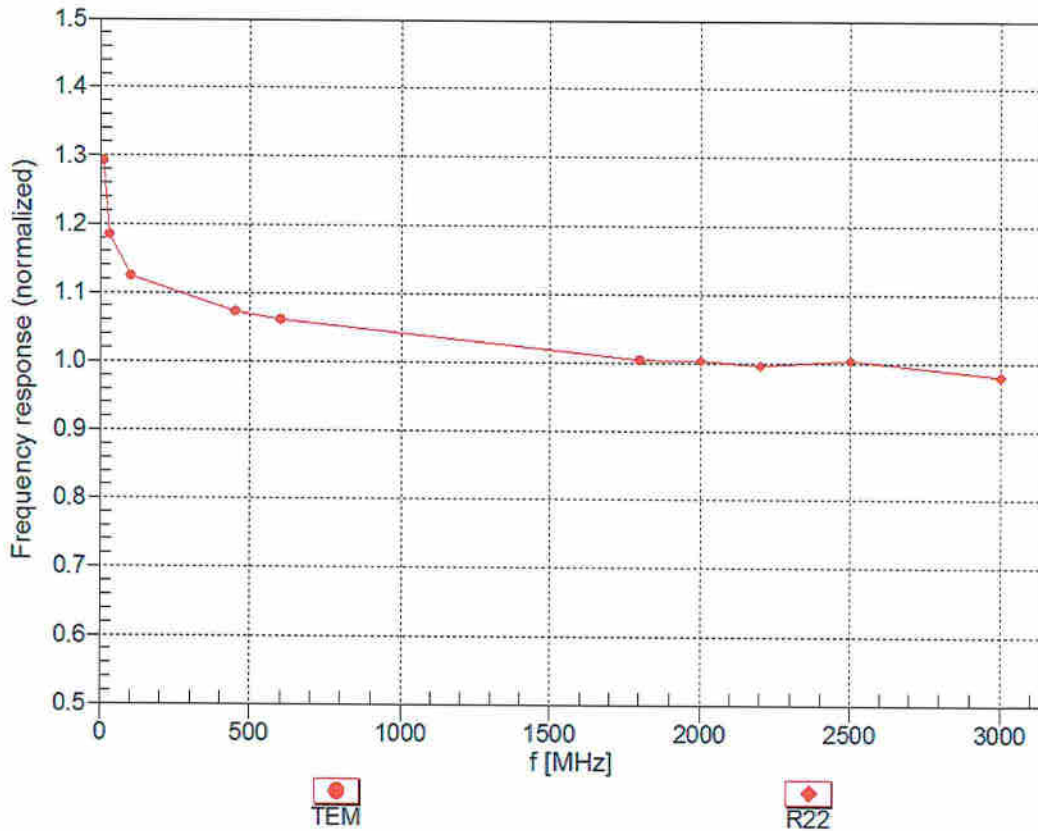
f (MHz) ^C	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
6500	34.5	6.07	5.70	5.70	5.70	0.25	2.50	± 18.6 %

^C Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

^F At frequencies 6-10 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz; below ± 2% for frequencies between 3-6 GHz; and below ± 4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.

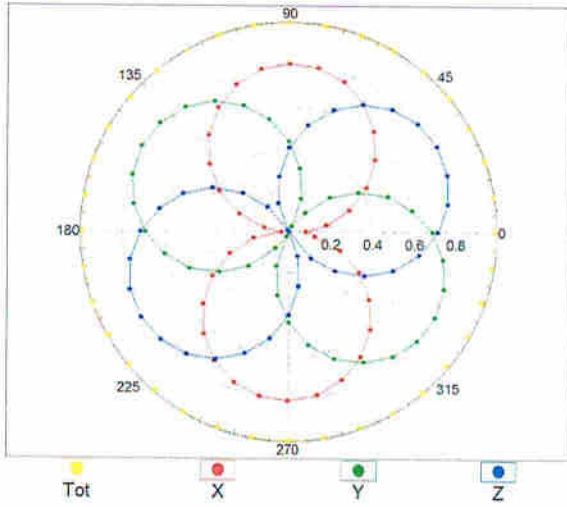
Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



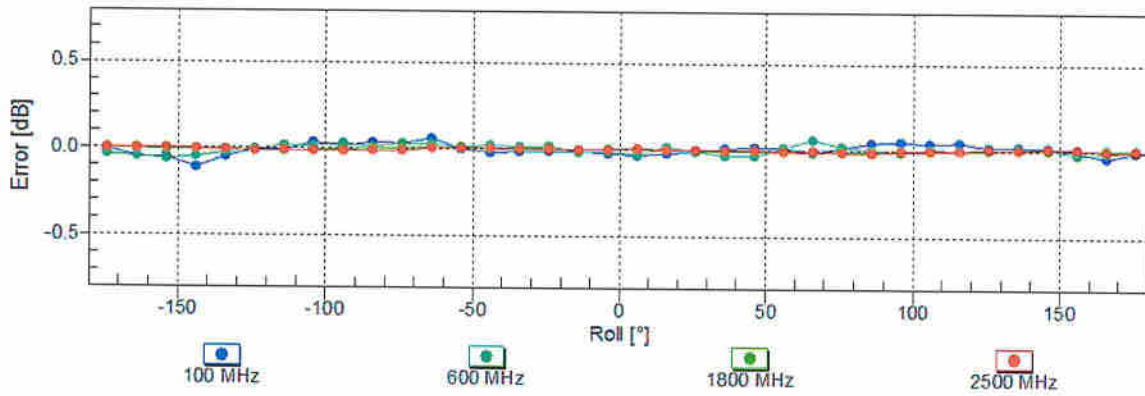
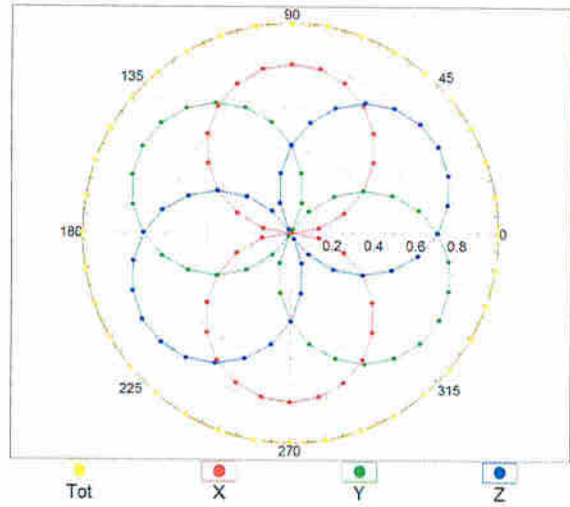
Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ (k=2)

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

f=600 MHz, TEM

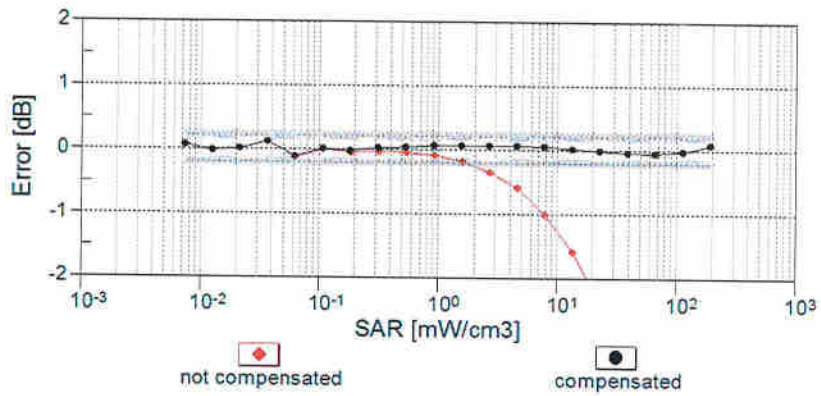
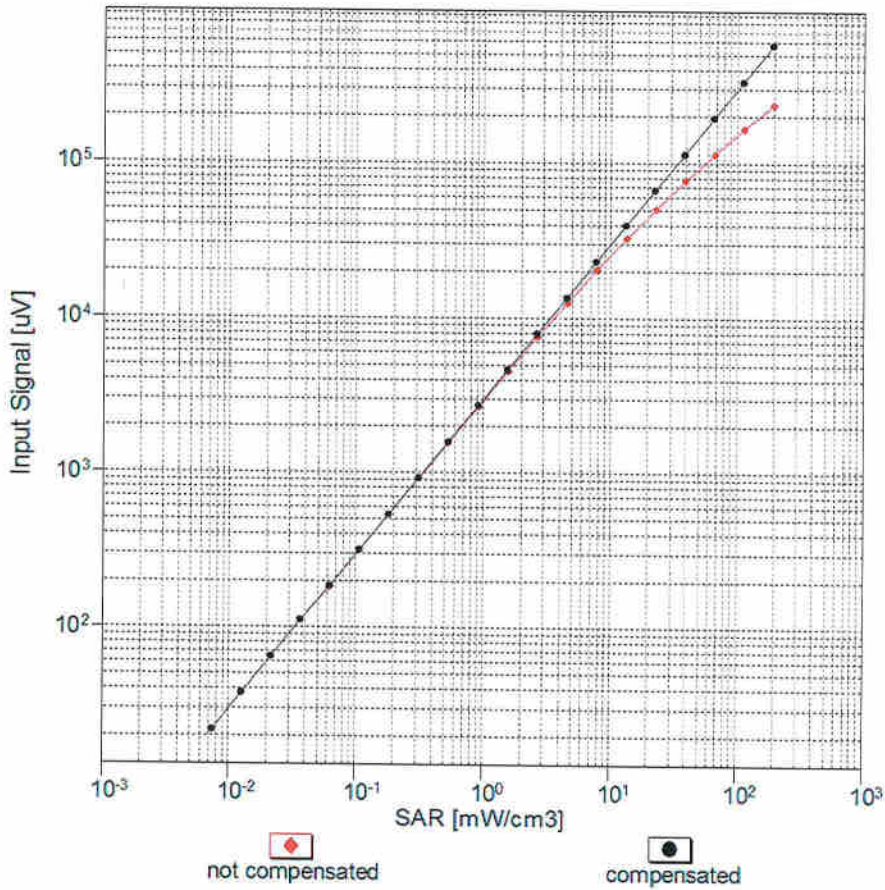


f=1800 MHz, R22



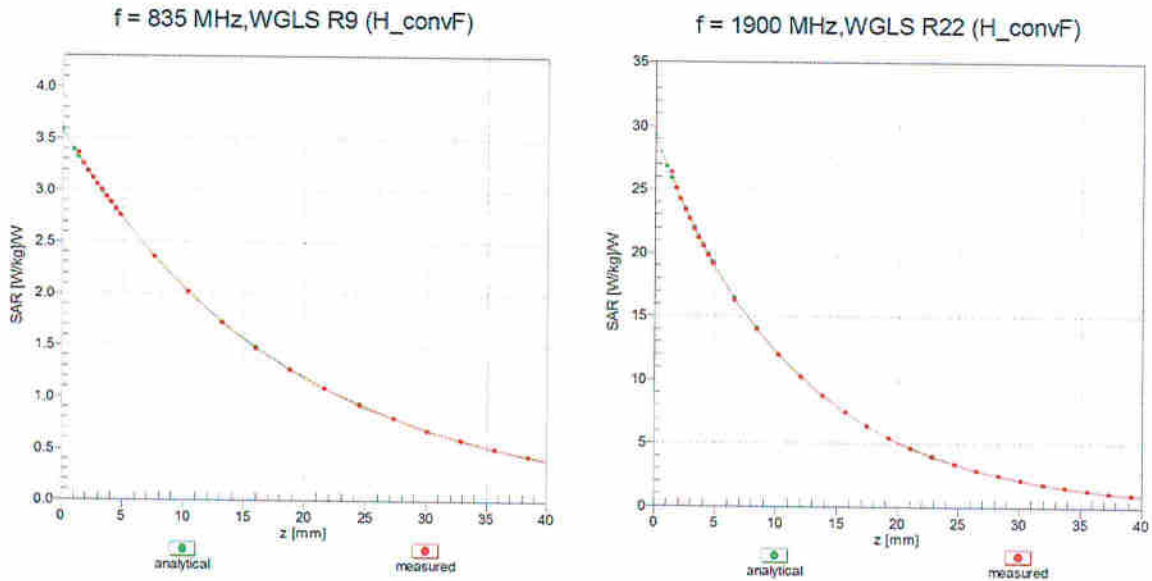
Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ (k=2)

Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)

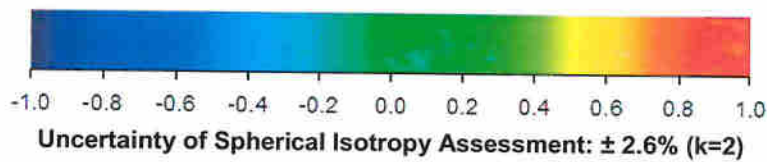
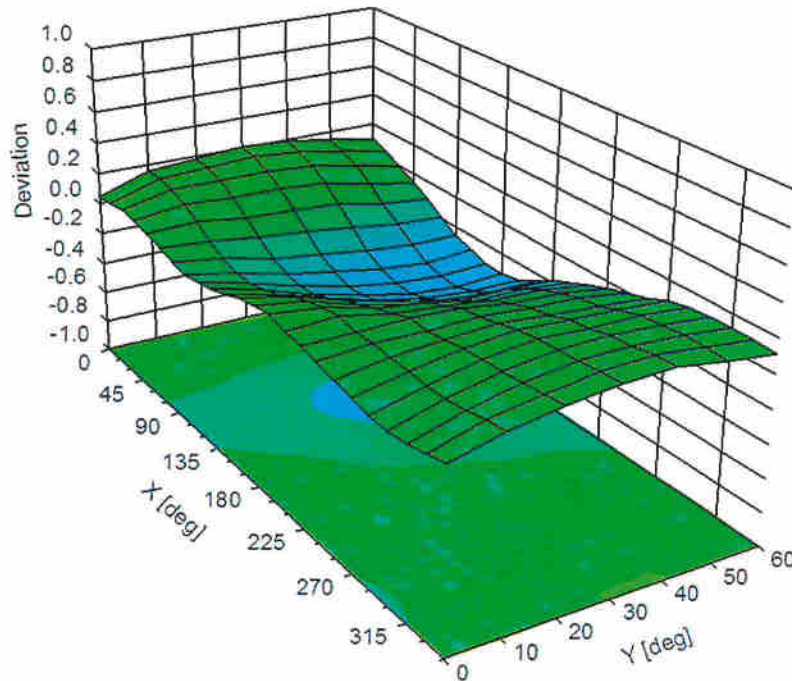


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid Error (ϕ, θ), f = 900 MHz



Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E (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 (PI/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	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAD	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	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	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 %
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %

10099	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
10100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
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 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
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 %
10166	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 %
10168	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 %
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %

10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	AAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
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	CAB	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	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAD	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	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	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	CAF	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 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAB	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	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
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 %
10303	CAB	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	CAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	CAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	CAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3)	WiMAX	14.57	± 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	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	AAA	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAA	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	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %

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	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	AAA	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	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAE	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)	WLAN	8.41	± 9.6 %
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, Clipping 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 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	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAA	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 %

10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAF	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 %
10496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
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	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAF	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAF	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAF	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAF	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAE	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAE	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAE	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAF	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAF	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAF	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAA	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %

10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
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)	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	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 %
10573	AAC	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 WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
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	AAA	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 %
10603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %

10604	AAA	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	AAC	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 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 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)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
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	AAC	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 %
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
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 %
10673	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	AAD	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 %
10680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAG	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAF	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	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
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	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	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 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
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 %

10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
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	AAC	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 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
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 %
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, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	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 %
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	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 %
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	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	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 %
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	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, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 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	5.84	± 9.6 %

10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 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 %
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	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	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 %
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, 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 %
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 %

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



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.



Full Power Mode

Band 2 Ant 0									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Time-Int. (ms)	MRP (dB)
20	QPSK	1	0	20.20	20.20	20.20	20.20	24	0
20	QPSK	1	40	20.32	20.32	20.32	20.32	24	0
20	QPSK	1	80	20.35	20.35	20.35	20.35	24	0
20	QPSK	1	120	21.04	21.04	21.04	21.04	24	0
20	QPSK	50	24	21.08	21.08	21.08	21.08	23	1
20	QPSK	50	50	21.61	21.61	21.61	21.61	23	1
20	QPSK	100	0	21.60	21.60	21.60	21.60	23	1
20	QPSK	1	0	21.76	21.76	21.76	21.76	23	1
20	QPSK	1	40	21.80	21.78	21.81	21.81	23	1
20	QPSK	1	80	21.90	21.86	21.93	21.93	23	1
20	QPSK	1	0	20.47	20.38	20.50	20.50	22	2
20	QPSK	50	24	20.50	20.35	20.54	20.54	22	2
20	QPSK	100	0	20.50	20.38	20.47	20.47	22	2
20	QPSK	1	40	20.71	20.38	20.69	20.69	22	2
20	QPSK	1	80	20.68	20.35	20.59	20.59	22	2
20	QPSK	100	0	20.68	20.35	20.47	20.47	22	2
20	QPSK	50	24	18.53	18.78	18.45	18.45	21	3
20	QPSK	50	50	18.50	18.42	18.50	18.50	21	3
20	QPSK	100	0	18.46	18.44	18.25	18.25	21	3
20	QPSK	1	0	17.58	17.52	17.44	17.44	19	5
20	QPSK	1	40	17.58	17.46	17.50	17.50	19	5
20	QPSK	1	80	17.34	17.45	17.38	17.38	19	5
20	QPSK	50	0	17.60	17.71	17.61	17.61	19	5
20	QPSK	50	40	17.60	17.68	17.64	17.64	19	5
20	QPSK	50	80	17.41	17.43	17.41	17.41	19	5
20	QPSK	100	0	17.43	17.47	17.41	17.41	19	5

Band 2 Ant 6									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Time-Int. (ms)	MRP (dB)
20	QPSK	1	0	20.20	20.20	20.20	20.20	24	0
20	QPSK	1	40	20.32	20.32	20.32	20.32	24	0
20	QPSK	1	80	20.35	20.35	20.35	20.35	24	0
20	QPSK	1	120	21.04	21.04	21.04	21.04	24	0
20	QPSK	50	24	21.08	21.08	21.08	21.08	23	1
20	QPSK	50	50	21.61	21.61	21.61	21.61	23	1
20	QPSK	100	0	21.60	21.60	21.60	21.60	23	1
20	QPSK	1	0	21.76	21.76	21.76	21.76	23	1
20	QPSK	1	40	21.80	21.78	21.81	21.81	23	1
20	QPSK	1	80	21.90	21.86	21.93	21.93	23	1
20	QPSK	1	0	21.04	21.00	21.00	21.00	22	2
20	QPSK	50	24	21.04	21.00	21.00	21.00	22	2
20	QPSK	100	0	21.04	21.00	21.00	21.00	22	2
20	QPSK	1	40	21.04	21.20	21.15	21.15	22	2
20	QPSK	1	80	21.06	21.34	21.18	21.18	22	2
20	QPSK	100	0	21.06	21.34	21.18	21.18	22	2
20	QPSK	50	24	18.76	18.07	18.04	18.04	21	3
20	QPSK	50	50	18.80	18.38	18.19	18.19	21	3
20	QPSK	100	0	18.81	18.36	18.28	18.28	21	3
20	QPSK	1	0	17.59	17.32	17.28	17.28	19	5
20	QPSK	1	40	17.59	17.46	17.50	17.50	19	5
20	QPSK	1	80	17.34	17.45	17.38	17.38	19	5
20	QPSK	50	0	17.60	17.71	17.61	17.61	19	5
20	QPSK	50	40	17.60	17.68	17.64	17.64	19	5
20	QPSK	50	80	17.41	17.43	17.41	17.41	19	5
20	QPSK	100	0	17.43	17.47	17.41	17.41	19	5

Band 2 Ant 1									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Time-Int. (ms)	MRP (dB)
20	QPSK	1	0	20.20	20.20	20.20	20.20	24	0
20	QPSK	1	40	20.32	20.32	20.32	20.32	24	0
20	QPSK	1	80	20.35	20.35	20.35	20.35	24	0
20	QPSK	1	120	21.04	21.04	21.04	21.04	24	0
20	QPSK	50	24	21.08	21.08	21.08	21.08	23	1
20	QPSK	50	50	21.61	21.61	21.61	21.61	23	1
20	QPSK	100	0	21.60	21.60	21.60	21.60	23	1
20	QPSK	1	0	21.76	21.76	21.76	21.76	23	1
20	QPSK	1	40	21.80	21.78	21.81	21.81	23	1
20	QPSK	1	80	21.90	21.86	21.93	21.93	23	1
20	QPSK	1	0	21.04	21.00	21.00	21.00	22	2
20	QPSK	50	24	21.04	21.00	21.00	21.00	22	2
20	QPSK	100	0	21.04	21.00	21.00	21.00	22	2
20	QPSK	1	40	21.04	21.20	21.15	21.15	22	2
20	QPSK	1	80	21.06	21.34	21.18	21.18	22	2
20	QPSK	100	0	21.06	21.34	21.18	21.18	22	2
20	QPSK	50	24	18.76	18.07	18.04	18.04	21	3
20	QPSK	50	50	18.80	18.38	18.19	18.19	21	3
20	QPSK	100	0	18.81	18.36	18.28	18.28	21	3
20	QPSK	1	0	17.59	17.32	17.28	17.28	19	5
20	QPSK	1	40	17.59	17.46	17.50	17.50	19	5
20	QPSK	1	80	17.34	17.45	17.38	17.38	19	5
20	QPSK	50	0	17.60	17.71	17.61	17.61	19	5
20	QPSK	50	40	17.60	17.68	17.64	17.64	19	5
20	QPSK	50	80	17.41	17.43	17.41	17.41	19	5
20	QPSK	100	0	17.43	17.47	17.41	17.41	19	5

Band 2 Ant 2									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Time-Int. (ms)	MRP (dB)
15	QPSK	1	0	22.44	22.37	22.54	22.54	24	0
15	QPSK	1	40	22.39	22.38	22.39	22.39	24	0
15	QPSK	1	80	22.39	22.38	22.39	22.39	24	0
15	QPSK	30	0	21.51	21.51	21.50	21.50	23	1
15	QPSK	30	40	21.54	21.50	21.54	21.54	23	1
15	QPSK	30	80	21.54	21.50	21.54	21.54	23	1
15	QPSK	75	0	21.58	21.57	21.52	21.52	23	1
15	QPSK	75	40	21.57	21.56	21.51	21.51	23	1
15	QPSK	75	80	21.51	21.51	21.50	21.50	23	1
15	QPSK	1	0	21.42	21.37	21.37	21.37	22	2
15	QPSK	1	40	21.47	21.35	21.41	21.41	22	2
15	QPSK	1	80	21.40	21.38	21.38	21.38	22	2
15	QPSK	30	0	20.43	20.38	20.38	20.38	21	3
15	QPSK	30	40	20.42	20.38	20.42	20.42	21	3
15	QPSK	30	80	20.38	20.35	20.35	20.35	21	3
15	QPSK	75	0	19.51	19.48	19.42	19.42	19	5
15	QPSK	75	40	19.51	19.48	19.42	19.42	19	5
15	QPSK	75	80	19.38	19.35	19.35	19.35	19	5
15	QPSK	1	0	20.07	20.07	20.03	20.03	22	2
15	QPSK	1	40	20.08	20.02	20.02	20.02	22	2
15	QPSK	1	80	20.02	20.03	20.03	20.03	22	2
15	QPSK	30	0	18.63	18.57	18.54	18.54	21	3
15	QPSK	30	40	18.58	18.58	18.54	18.54	21	3
15	QPSK	30	80	18.55	18.43	18.42	18.42	21	3
15	QPSK	75	0	17.91	17.85	17.82	17.82	19	5
15	QPSK	75	40	17.91	17.85	17.82	17.82	19	5
15	QPSK	75	80	17.78	17.77	17.67	17.67	19	5
15	QPSK	1	0	17.41	17.44	17.50	17.50	19	5
15	QPSK	1	40	17.41	17.44	17.50	17.50	19	5
15	QPSK	1	80	17.32	17.47	17.34	17.34	19	5

Band 2 Ant 3									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Power Ch. / Freq. (MHz)	Time-Int. (ms)	MRP (dB)
10	QPSK	1	0	22.47	22.30	22.54	22.54	24	0
10	QPSK	1	25	22.51	22.51	22.46	22.46	24	0
10	QPSK	1	50	22.38	22.42	22.33	22.33	24	0
10	QPSK	25	0	21.54	21.54	21.49	21.49	23	1
10	QPSK	25	25	21.58	21.58	21.58	21.58	23	1
10	QPSK	25	50	21.60	21.60	21.59	21.59	23	1
10	QPSK	50	0	21.62	21.57	21.41	21.41	23	1
10	QPSK	50	25	21.62	21.52	21.52	21.52	23	1
10	QPSK	1	0	21.49	21.31	21.49	21.49	23	1
10	QPSK	1	25	21.49	21.31	21.49	21.49	23	1
10	QPSK	1	50	21.38	21.35	21.35	21.35	23	1
10	QPSK	25	0	20.52	20.50	20.50	20.50	22	2
10	QPSK	25	25	20.52	20.50	20.50	20.50	22	2
10	QPSK	1	0	20.80	20.80	20.80	20.80	22	2
10	QPSK	1	25	20.88	20.82	20.82	20.82	22	2
10	QPSK	1	50	20.88	20.82	20.82	20.82	22	2
10	QPSK	25	0	18.52	18.72	18.20	18.20	21	3
10	QPSK	25	25	18.52	18.72	18.20	18.20	21	3
10	QPSK	50	0	18.32	18.28	18.20	18.20	21	3
10	QPSK	50	25	18.44	18.38	18.20	18.20	21	3
10	QPSK	1	0	17.48	17.43	17.35	17.35	19	5
10	QPSK	1	25	17.48	17.35	17.35	17.35	19	5
10	QPSK	1	50	17.36	17.38	17.31	17.31	19	5
10	Q								



Band 4 Ant 6													
SRV Ref	Modulation	RB Size	RB Offset	Power Ch./Freq. (W/Hz)	Power Ch./Freq. (W/Hz)	Power Ch./Freq. (W/Hz)	Time-Per-Sub (ms)	APR (dB)	APR (dB)				
Channel													
Frequency (MHz)													
20	QPSK	1	0	1720	1722	1724							
20	QPSK	1	40	2297	2299	2301	24	0	0				
20	QPSK	1	80	2874	2876	2878							
20	QPSK	1	120	3451	3453	3455							
20	QPSK	50	24	2176	2180	2184	23	1	1				
20	QPSK	50	60	2182	2186	2190							
20	QPSK	100	0	2182	2186	2190							
20	QPSK	1	0	2181	2183	2185							
20	QPSK	1	40	2187	2189	2191	23	1	1				
20	QPSK	1	80	2193	2195	2197							
20	QPSK	50	0	2192	2196	2200							
20	QPSK	50	40	2198	2202	2206							
20	QPSK	100	0	2198	2202	2206							
20	QPSK	1	40	2207	2209	2211	22	2	2				
20	QPSK	1	80	2213	2215	2217							
20	QPSK	50	24	1873	2059	1877	21	3	3				
20	QPSK	50	60	1879	1883	1887							
20	QPSK	100	0	1879	1883	1887							
20	QPSK	1	0	1770	1820	1774							
20	QPSK	1	40	1786	1787	1788	19	5	5				
20	QPSK	1	80	1792	1793	1794							
20	QPSK	50	0	1781	1782	1783							
20	QPSK	50	40	1787	1788	1789	19	5	5				
20	QPSK	50	80	1793	1794	1795							
20	QPSK	100	0	1793	1794	1795							
Channel													
Frequency (MHz)													
15	QPSK	1	0	1717	1721	1725							
15	QPSK	1	0	2228	2229	2230							
15	QPSK	1	40	2272	2273	2274	24	0	0				
15	QPSK	1	80	2316	2317	2318							
15	QPSK	50	0	2180	2184	2188							
15	QPSK	50	40	2176	2180	2184	23	1	1				
15	QPSK	50	80	2172	2180	2188							
15	QPSK	75	0	2183	2187	2191							
15	QPSK	75	0	2197	2199	2201							
15	QPSK	1	37	2174	2176	2178	23	1	1				
15	QPSK	1	74	2172	2176	2180							
15	QPSK	30	0	2041	2045	2049	22	2	2				
15	QPSK	30	20	2038	2039	2040							
15	QPSK	75	0	2037	2039	2041							
15	QPSK	1	0	2043	2046	2049							
15	QPSK	1	37	2042	2046	2050	22	2	2				
15	QPSK	1	74	2041	2046	2051							
15	QPSK	30	0	2030	2034	2038							
15	QPSK	30	20	2028	2030	2032							
15	QPSK	75	0	2027	2030	2033							
15	QPSK	1	0	1787	1787	1787							
15	QPSK	1	37	1781	1781	1781	19	5	5				
15	QPSK	1	74	1776	1776	1776							
15	QPSK	30	0	1775	1775	1775							
15	QPSK	30	20	1769	1769	1769	19	5	5				
15	QPSK	75	0	1768	1768	1768							
15	QPSK	75	0	1763	1763	1763							
Channel													
Frequency (MHz)													
10	QPSK	1	0	2247	2247	2248							
10	QPSK	1	25	2270	2270	2270	24	0	0				
10	QPSK	1	50	2289	2289	2289							
10	QPSK	25	0	2177	2221	2186							
10	QPSK	25	10	2185	2184	2182	23	1	1				
10	QPSK	25	20	2179	2179	2179							
10	QPSK	50	0	2184	2188	2192							
10	QPSK	1	0	2186	2186	2186							
10	QPSK	1	40	2174	2178	2182	23	1	1				
10	QPSK	1	80	2170	2174	2178							
10	QPSK	50	0	2079	2082	2085							
10	QPSK	50	12	2075	2077	2079	22	2	2				
10	QPSK	50	24	2082	2083	2084							
10	QPSK	100	0	2082	2083	2084							
10	QPSK	1	0	2032	2039	2046							
10	QPSK	1	25	2027	2027	2027							
10	QPSK	1	50	2028	2028	2028							
10	QPSK	25	0	1850	1861	1872							
10	QPSK	25	10	1849	1849	1849	21	3	3				
10	QPSK	50	0	1840	1874	1873							
10	QPSK	1	0	1766	1766	1766							
10	QPSK	1	25	1777	1778	1777	19	5	5				
10	QPSK	1	50	1768	1768	1768							
10	QPSK	1	75	1763	1763	1763							
10	QPSK	25	12	1763	1764	1765	19	5	5				
10	QPSK	25	25	1763	1764	1765							
10	QPSK	50	0	1776	1780	1784							
Channel													
Frequency (MHz)													
5	QPSK	1	0	1722	1722	1722							
5	QPSK	1	12	2280	2275	2270	24	0	0				
5	QPSK	1	24	2276	2269	2262							
5	QPSK	1	36	2272	2265	2258							
5	QPSK	10	7	2158	2170	2182	23	1	1				
5	QPSK	10	13	2163	2168	2173							
5	QPSK	1	0	2146	2150	2154							
5	QPSK	1	0	2181	2181	2181							
5	QPSK	1	12	2180	2180	2180	23	1	1				
5	QPSK	1	24	2182	2181	2180							
5	QPSK	12	0	2036	2030	2024							
5	QPSK	12	6	2033	2032	2031	22	2	2				
5	QPSK	12	13	2030	2034	2038							
5	QPSK	20	0	2046	2053	2060							
5	QPSK	20	0	2080	2080	2079							
5	QPSK	1	12	2038	2040	2042	22	2	2				
5	QPSK	1	24	2034	2040	2046							
5	QPSK	1	36	1998	1999	1998							
5	QPSK	12	7	1871	1880	1872	21	3	3				
5	QPSK	12	13	1867	1867	1867							
5	QPSK	20	0	1862	1864	1866							
5	QPSK	20	0	1862	1864	1866							
5	QPSK	1	0	1785	1788	1793							
5	QPSK	1	12	1786	1786	1786	19	5	5				
5	QPSK	1	24	1782	1783	1784							
5	QPSK	12	0	1769	1770	1770							
5	QPSK	12	6	1766	1768	1770	19	5	5				
5	QPSK	12	13	1777	1778	1778							
5	QPSK	20	0	1766	1766	1766							
Channel													
Frequency (MHz)													
3	QPSK	1	0	2236	2236	2236							
3	QPSK	1	14	2281	2279	2278	24	0	0				
3	QPSK	1	28	2274	2271	2268							
3	QPSK	1	42	2267	2263	2259							
3	QPSK	1	56	2260	2255	2250							
3	QPSK	1	70	2253	2247	2241							
3	QPSK	1	84	2246	2239	2232							
3	QPSK	1	98	2239	2231	2223							
3	QPSK	1	112	2232	2223	2214							
3	QPSK	1	126	2225	2215	2205							
3	QPSK	1	140	2218	2207	2196							
3	QPSK	1	154	2211	2200	2189							
3	QPSK	1	168	2204	2192	2180							
3	QPSK	1	182	2197	2184	2171							
3	QPSK	1	196	2190	2176	2162							
3	QPSK	1	210	2183	2168	2153							
3	QPSK	1	224	2176	2159	2142							
3	QPSK	1	238	2169	2150	2131							
3	QPSK	1	252	2162	2141	2120							
3	QPSK	1	266	2155	2132	2109							
3	QPSK	1	280	2148	2123	2098							
3	QPSK	1	294	2141	2114	2087							
3	QPSK	1	308	2134	2105	2076							
3	QPSK	1	322	2127	2096	2065							
3	QPSK	1	336	2120	2087	2056							
3	QPSK	1	350	2113	2078	2043							
3	QPSK	1	364	2106	2069	2032							
3	QPSK	1	378	2099	2060	2021							
3													



Band 4 Ant 3													
SR Ant	Modulation	RB Size	RB Offset	Power Ch./Flw.	Power Ch./Flw.	Power Ch./Flw.	Time-Per-Sub (ms)	Ant	Ant	Ant	Ant	Ant	Ant
Channel	Frequency (MHz)	RB Size	RB Offset	Power Ch./Flw.	Power Ch./Flw.	Power Ch./Flw.	Time-Per-Sub (ms)	Ant	Ant	Ant	Ant	Ant	Ant
20	QPSK	1	0	1722	1722.5	1745	22	0					
20	QPSK	1	40	2036	2100	2077	22	0					
20	QPSK	1	80	2036	2115	2131	22	0					
20	QPSK	1	120	2036	2130	2146	22	0					
20	QPSK	50	24	2031	2022	2038	21	1					
20	QPSK	50	60	1930	1921	1937	21	1					
20	QPSK	100	0	1930	1915	1931	21	1					
20	HQDM	1	0	2043	2042	2034	21	1					
20	HQDM	1	40	2038	2048	2052	21	1					
20	HQDM	50	24	1930	1921	1937	20	2					
20	HQDM	50	60	1930	1921	1937	20	2					
20	HQDM	100	0	1930	1921	1937	20	2					
20	HQDM	1	40	1845	1837	1853	20	2					
20	HQDM	1	80	1839	1831	1847	20	2					
20	HQDM	50	24	1732	1818	1748	19	3					
20	HQDM	50	60	1834	1835	1732	19	3					
20	HQDM	100	0	1834	1835	1732	19	3					
20	ZSSBDM	1	0	1536	1613	1623	17	5					
20	ZSSBDM	1	40	1536	1613	1623	17	5					
20	ZSSBDM	50	24	1607	1617	1624	17	5					
20	ZSSBDM	50	60	1602	1617	1624	17	5					
20	ZSSBDM	100	0	1602	1617	1624	17	5					
Channel													
Channel	Frequency (MHz)	RB Size	RB Offset	Power Ch./Flw.	Power Ch./Flw.	Power Ch./Flw.	Time-Per-Sub (ms) <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td>	Ant	Ant	Ant	Ant	Ant	Ant
15	QPSK	1	0	2030	2030	2030	22	0					
15	QPSK	1	40	2030	2030	2030	22	0					
15	QPSK	1	80	2030	2030	2030	22	0					
15	QPSK	50	24	1930	1930	1930	21	1					
15	QPSK	50	60	1831	1831	1831	21	1					
15	QPSK	100	0	1831	1831	1831	21	1					
15	HQDM	1	37	2011	2030	1939	21	1					
15	HQDM	1	74	1937	2011	2030	21	1					
15	HQDM	50	24	1831	1831	1831	20	2					
15	HQDM	50	60	1831	1831	1831	20	2					
15	HQDM	100	0	1831	1831	1831	20	2					
15	HQDM	1	0	1836	1837	1830	20	2					
15	HQDM	1	37	1836	1837	1830	20	2					
15	HQDM	50	24	1848	1854	1841	19	3					
15	HQDM	50	60	1735	1854	1732	19	3					
15	HQDM	100	0	1735	1854	1732	19	3					
15	HQDM	1	0	1739	1740	1740	19	3					
15	HQDM	1	37	1587	1581	1585	17	5					
15	ZSSBDM	1	0	1531	1531	1531	17	5					
15	ZSSBDM	1	37	1587	1581	1585	17	5					
15	ZSSBDM	50	24	1602	1602	1602	17	5					
15	ZSSBDM	50	60	1602	1602	1602	17	5					
15	ZSSBDM	100	0	1602	1602	1602	17	5					
Channel													
Channel	Frequency (MHz)	RB Size	RB Offset	Power Ch./Flw.	Power Ch./Flw.	Power Ch./Flw.	Time-Per-Sub (ms) <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td>	Ant	Ant	Ant	Ant	Ant	Ant
10	QPSK	1	0	2030	2030	2030	22	0					
10	QPSK	1	25	2030	2030	2030	22	0					
10	QPSK	1	40	2030	2030	2030	22	0					
10	QPSK	25	0	1835	1831	1835	21	1					
10	QPSK	25	10	1935	1934	1930	21	1					
10	QPSK	50	0	1834	1831	1835	21	1					
10	HQDM	1	0	2024	2042	2037	21	1					
10	HQDM	1	25	2024	2042	2037	21	1					
10	HQDM	50	24	1930	1920	1936	20	2					
10	HQDM	50	60	1836	1836	1836	20	2					
10	HQDM	100	0	1836	1836	1836	20	2					
10	HQDM	1	0	1836	1840	1847	20	2					
10	HQDM	1	25	1836	1840	1847	20	2					
10	HQDM	50	24	1837	1837	1837	20	2					
10	HQDM	50	60	1730	1737	1731	19	3					
10	HQDM	100	0	1730	1737	1731	19	3					
10	HQDM	1	0	1730	1737	1731	19	3					
10	ZSSBDM	1	0	1534	1534	1534	17	5					
10	ZSSBDM	1	37	1534	1534	1534	17	5					
10	ZSSBDM	50	24	1602	1602	1602	17	5					
10	ZSSBDM	50	60	1602	1602	1602	17	5					
10	ZSSBDM	100	0	1602	1602	1602	17	5					
Channel													
Channel	Frequency (MHz)	RB Size	RB Offset	Power Ch./Flw.	Power Ch./Flw.	Power Ch./Flw.	Time-Per-Sub (ms) <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td>	Ant	Ant	Ant	Ant	Ant	Ant
5	QPSK	1	0	2030	2030	2030	22	0					
5	QPSK	1	12	2030	2030	2030	22	0					
5	QPSK	1	24	2030	2030	2030	22	0					
5	QPSK	5	0	1930	1930	1930	21	1					
5	QPSK	10	7	1932	1930	1938	21	1					
5	QPSK	10	19	1931	1932	1933	21	1					
5	HQDM	1	0	1930	1930	1930	21	1					
5	HQDM	1	0	2026	2042	2030	21	1					
5	HQDM	1	24	2025	2030	2030	21	1					
5	HQDM	12	0	1833	1934	1834	20	2					
5	HQDM	12	10	1831	1833	1838	20	2					
5	HQDM	25	0	1830	1830	1834	20	2					
5	HQDM	25	10	1831	1837	1830	20	2					
5	HQDM	50	0	1830	1831	1830	20	2					
5	HQDM	1	12	1820	1831	1820	20	2					
5	HQDM	1	24	1834	1837	1830	20	2					
5	HQDM	5	0	1730	1730	1730	19	3					
5	HQDM	10	7	1732	1831	1735	19	3					
5	HQDM	10	19	1730	1730	1730	19	3					
5	HQDM	25	0	1730	1817	1730	19	3					
5	ZSSBDM	1	0	1530	1530	1530	17	5					
5	ZSSBDM	1	37	1530	1530	1530	17	5					
5	ZSSBDM	50	24	1602	1602	1602	17	5					
5	ZSSBDM	50	60	1602	1602	1602	17	5					
5	ZSSBDM	100	0	1602	1602	1602	17	5					
Channel													
Channel	Frequency (MHz)	RB Size	RB Offset	Power Ch./Flw.	Power Ch./Flw.	Power Ch./Flw.	Time-Per-Sub (ms) <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td> <td>Ant</td>	Ant	Ant	Ant	Ant	Ant	Ant
1.4	QPSK	1	0	2030	2030	2030	22	0					
1.4	QPSK	1	0	2030	2030	2030	22	0					
1.4	QPSK	1	14	2030	2030	2030	22	0					
1.4	QPSK	5	0	1930	1930	1930	21	1					
1.4	QPSK	5	7	1930	1930	1930	21	1					
1.4	HQDM	1	0	1930	1930	1930	21	1					
1.4	HQDM	1	0	2022	2037	1936	21	1					
1.4	HQDM	1	14	2028	2037	1936	21	1					
1.4	HQDM	5	0	1831	1831	1831	20	2					
1.4	HQDM	5	4	1837	1930	1837	20	2					
1.4	HQDM	10	0	1830	1830	1830	20	2					
1.4	HQDM	1	14	1832	1830	1833	20	2					
1.4	HQDM	5	0	1730	1730	1730	19	3					
1.4	HQDM	5	4	1731	1831								



Band 66 Ant 6										
SV (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Pch./Freq.	Power Pch./Freq.	Power Pch./Freq.	Time-per-imp. (ms)	MPE (dB)	APRS (dB)
20	OFDM	1	0	17.00	17.00	17.00	17.00			
20	OFDM	1	49	22.92	22.92	22.92	22.92	24	0	
20	OFDM	1	99	28.84	28.84	28.84	28.84			
20	OFDM	1	149	34.76	34.76	34.76	34.76			
20	OFDM	50	24	21.94	21.94	21.85	21.85	23	1	
20	OFDM	50	74	27.86	27.86	27.77	27.77			
20	OFDM	50	124	33.78	33.78	33.69	33.69			
20	OFDM	50	174	39.70	39.70	39.61	39.61			
20	OFDM	50	224	45.62	45.62	45.53	45.53			
20	OFDM	50	274	51.54	51.54	51.45	51.45			
20	OFDM	50	324	57.46	57.46	57.37	57.37			
20	OFDM	50	374	63.38	63.38	63.29	63.29			
20	OFDM	50	424	69.30	69.30	69.21	69.21			
20	OFDM	50	474	75.22	75.22	75.13	75.13			
20	OFDM	50	524	81.14	81.14	81.05	81.05			
20	OFDM	50	574	87.06	87.06	86.97	86.97			
20	OFDM	50	624	92.98	92.98	92.89	92.89			
20	OFDM	50	674	98.90	98.90	98.81	98.81			
20	OFDM	50	724	104.82	104.82	104.73	104.73			
20	OFDM	50	774	110.74	110.74	110.65	110.65			
20	OFDM	50	824	116.66	116.66	116.57	116.57			
20	OFDM	50	874	122.58	122.58	122.49	122.49			
20	OFDM	50	924	128.50	128.50	128.41	128.41			
20	OFDM	50	974	134.42	134.42	134.33	134.33			
20	OFDM	50	1024	140.34	140.34	140.25	140.25			
20	OFDM	50	1074	146.26	146.26	146.17	146.17			
20	OFDM	50	1124	152.18	152.18	152.09	152.09			
20	OFDM	50	1174	158.10	158.10	158.01	158.01			
20	OFDM	50	1224	164.02	164.02	163.93	163.93			
20	OFDM	50	1274	169.94	169.94	169.85	169.85			
20	OFDM	50	1324	175.86	175.86	175.77	175.77			
20	OFDM	50	1374	181.78	181.78	181.69	181.69			
20	OFDM	50	1424	187.70	187.70	187.61	187.61			
20	OFDM	50	1474	193.62	193.62	193.53	193.53			
20	OFDM	50	1524	199.54	199.54	199.45	199.45			
20	OFDM	50	1574	205.46	205.46	205.37	205.37			
20	OFDM	50	1624	211.38	211.38	211.29	211.29			
20	OFDM	50	1674	217.30	217.30	217.21	217.21			
20	OFDM	50	1724	223.22	223.22	223.13	223.13			
20	OFDM	50	1774	229.14	229.14	229.05	229.05			
20	OFDM	50	1824	235.06	235.06	234.97	234.97			
20	OFDM	50	1874	240.98	240.98	240.89	240.89			
20	OFDM	50	1924	246.90	246.90	246.81	246.81			
20	OFDM	50	1974	252.82	252.82	252.73	252.73			
20	OFDM	50	2024	258.74	258.74	258.65	258.65			
20	OFDM	50	2074	264.66	264.66	264.57	264.57			
20	OFDM	50	2124	270.58	270.58	270.49	270.49			
20	OFDM	50	2174	276.50	276.50	276.41	276.41			
20	OFDM	50	2224	282.42	282.42	282.33	282.33			
20	OFDM	50	2274	288.34	288.34	288.25	288.25			
20	OFDM	50	2324	294.26	294.26	294.17	294.17			
20	OFDM	50	2374	300.18	300.18	300.09	300.09			
20	OFDM	50	2424	306.10	306.10	306.01	306.01			
20	OFDM	50	2474	312.02	312.02	311.93	311.93			
20	OFDM	50	2524	317.94	317.94	317.85	317.85			
20	OFDM	50	2574	323.86	323.86	323.77	323.77			
20	OFDM	50	2624	329.78	329.78	329.69	329.69			
20	OFDM	50	2674	335.70	335.70	335.61	335.61			
20	OFDM	50	2724	341.62	341.62	341.53	341.53			
20	OFDM	50	2774	347.54	347.54	347.45	347.45			
20	OFDM	50	2824	353.46	353.46	353.37	353.37			
20	OFDM	50	2874	359.38	359.38	359.29	359.29			
20	OFDM	50	2924	365.30	365.30	365.21	365.21			
20	OFDM	50	2974	371.22	371.22	371.13	371.13			
20	OFDM	50	3024	377.14	377.14	377.05	377.05			
20	OFDM	50	3074	383.06	383.06	382.97	382.97			
20	OFDM	50	3124	388.98	388.98	388.89	388.89			
20	OFDM	50	3174	394.90	394.90	394.81	394.81			
20	OFDM	50	3224	400.82	400.82	400.73	400.73			
20	OFDM	50	3274	406.74	406.74	406.65	406.65			
20	OFDM	50	3324	412.66	412.66	412.57	412.57			
20	OFDM	50	3374	418.58	418.58	418.49	418.49			
20	OFDM	50	3424	424.50	424.50	424.41	424.41			
20	OFDM	50	3474	430.42	430.42	430.33	430.33			
20	OFDM	50	3524	436.34	436.34	436.25	436.25			
20	OFDM	50	3574	442.26	442.26	442.17	442.17			
20	OFDM	50	3624	448.18	448.18	448.09	448.09			
20	OFDM	50	3674	454.10	454.10	454.01	454.01			
20	OFDM	50	3724	460.02	460.02	459.93	459.93			
20	OFDM	50	3774	465.94	465.94	465.85	465.85			
20	OFDM	50	3824	471.86	471.86	471.77	471.77			
20	OFDM	50	3874	477.78	477.78	477.69	477.69			
20	OFDM	50	3924	483.70	483.70	483.61	483.61			
20	OFDM	50	3974	489.62	489.62	489.53	489.53			
20	OFDM	50	4024	495.54	495.54	495.45	495.45			
20	OFDM	50	4074	501.46	501.46	501.37	501.37			
20	OFDM	50	4124	507.38	507.38	507.29	507.29			
20	OFDM	50	4174	513.30	513.30	513.21	513.21			
20	OFDM	50	4224	519.22	519.22	519.13	519.13			
20	OFDM	50	4274	525.14	525.14	525.05	525.05			
20	OFDM	50	4324	531.06	531.06	530.97	530.97			
20	OFDM	50	4374	536.98	536.98	536.89	536.89			
20	OFDM	50	4424	542.90	542.90	542.81	542.81			
20	OFDM	50	4474	548.82	548.82	548.73	548.73			
20	OFDM	50	4524	554.74	554.74	554.65	554.65			
20	OFDM	50	4574	560.66	560.66	560.57	560.57			
20	OFDM	50	4624	566.58	566.58	566.49	566.49			
20	OFDM	50	4674	572.50	572.50	572.41	572.41			
20	OFDM	50	4724	578.42	578.42	578.33	578.33			
20	OFDM	50	4774	584.34	584.34	584.25	584.25			
20	OFDM	50	4824	590.26	590.26	590.17	590.17			
20	OFDM	50	4874	596.18	596.18	596.09	596.09			
20	OFDM	50	4924	602.10	602.10	602.01	602.01			
20	OFDM	50	4974	608.02	608.02	607.93	607.93			
20	OFDM	50	5024	613.94	613.94	613.85	613.85			
20	OFDM	50	5074	619.86	619.86	619.77	619.77			
20	OFDM	50	5124	625.78	625.78	625.69	625.69			
20	OFDM	50	5174	631.70	631.70	631.61	631.61			
20	OFDM	50	5224	637.62	637.62	637.53	637.53			
20	OFDM	50	5274	643.54	643.54	643.45	643.45			
20	OFDM	50	5324	649.46	649.46	649.37	649.37			
20	OFDM	50	5374	655.38	655.38	655.29	655.29			
20	OFDM	50	5424	661.30	661.30	661.21	661.21			
20	OFDM	50	5474	667.22	667.22	667.13	667.13			
20	OFDM	50	5524	673.14	673.14	673.05	673.05			
20	OFDM	50	5574	679.06	679.06	678.97	678.97			
20	OFDM	50	5624	684.98	684.98	684.89	684.89			
20	OFDM	50	5674	690.90	690.90	690.81	690.81			



Band 48_FCC Ant 2										
BW (MHz)	Modulation	Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel					56340	56830	56150	56640		
Frequency (MHz)					56340	56830	56150	56640		
20	QPSK	1	0	0	14.11	14.17	13.94	13.44	15	0
20	QPSK	1	49	0	13.99	14.05	13.76	13.43	15	0
20	QPSK	1	99	0	14.06	14.08	13.74	13.30	15	0
20	QPSK	50	0	0	13.04	13.08	13.26	12.45	14	1
20	QPSK	50	24	0	12.93	13.67	13.20	12.28	14	1
20	QPSK	50	50	0	13.14	13.06	13.06	12.39	14	1
20	QPSK	100	0	0	12.98	13.48	13.01	12.42	14	1
20	16QAM	1	0	0	13.03	13.28	13.42	12.69	14	1
20	16QAM	1	49	0	12.95	13.23	13.25	12.41	14	1
20	16QAM	1	99	0	13.14	12.94	13.24	12.42	14	1
20	16QAM	50	0	0	12.11	12.05	12.67	11.45	13	2
20	16QAM	50	24	0	11.81	12.17	12.68	11.13	13	2
20	16QAM	50	50	0	12.12	12.09	12.78	11.32	13	2
20	16QAM	100	0	0	11.88	12.01	12.51	11.41	13	2
20	64QAM	1	0	0	12.18	12.19	11.73	11.54	13	2
20	64QAM	1	49	0	11.87	12.15	11.94	11.10	13	2
20	64QAM	1	99	0	12.05	11.85	11.59	11.33	13	2
20	64QAM	50	0	0	11.00	11.08	10.74	10.49	12	3
20	64QAM	50	24	0	10.88	11.28	10.69	10.10	12	3
20	64QAM	50	50	0	10.98	11.18	10.83	10.31	12	3
20	64QAM	100	0	0	10.91	11.05	11.05	10.46	12	3
20	256QAM	1	0	0	9.18	9.07	8.92	8.24	10	5
20	256QAM	1	49	0	8.94	9.16	8.68	8.52	10	5
20	256QAM	1	99	0	9.11	9.20	8.64	8.28	10	5
20	256QAM	50	0	0	9.08	9.19	8.90	8.48	10	5
20	256QAM	50	24	0	8.18	8.23	8.97	8.47	10	5
20	256QAM	50	50	0	8.90	9.10	8.68	8.50	10	5
20	256QAM	100	0	0	8.97	9.13	8.79	8.19	10	5
Channel					56315	56820	56160	56665		
Frequency (MHz)					56315	56820	56160	56665	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	0	14.12	14.07	13.98	13.17	15	0
15	QPSK	1	37	0	13.98	14.09	14.13	13.35	15	0
15	QPSK	1	74	0	14.09	14.07	14.04	13.28	15	0
15	QPSK	36	0	0	13.07	13.38	13.11	12.51	14	1
15	QPSK	36	20	0	13.09	13.32	13.13	12.36	14	1
15	QPSK	36	36	0	13.21	13.07	13.36	12.82	14	1
15	QPSK	75	0	0	12.92	13.10	13.18	12.38	14	1
15	16QAM	1	0	0	13.05	13.35	13.08	12.37	14	1
15	16QAM	1	37	0	12.93	13.19	12.81	12.52	14	1
15	16QAM	1	74	0	13.25	13.08	12.98	12.83	14	1
15	16QAM	36	0	0	12.07	12.28	12.21	11.49	13	2
15	16QAM	36	20	0	11.93	12.30	12.14	11.05	13	2
15	16QAM	36	36	0	12.09	11.99	12.00	11.26	13	2
15	16QAM	75	0	0	11.95	12.00	12.14	11.27	13	2
15	64QAM	1	0	0	12.04	12.14	12.12	11.44	13	2
15	64QAM	1	37	0	12.03	12.06	12.18	11.12	13	2
15	64QAM	1	74	0	12.12	12.01	12.10	11.24	13	2
15	64QAM	36	0	0	10.97	11.14	11.08	10.34	12	3
15	64QAM	36	20	0	10.85	11.30	11.19	10.11	12	3
15	64QAM	36	36	0	11.11	11.20	11.08	10.20	12	3
15	64QAM	75	0	0	11.03	11.08	11.11	10.59	12	3
15	256QAM	1	0	0	9.08	8.80	8.81	8.15	10	5
15	256QAM	1	37	0	8.82	9.07	8.60	8.39	10	5
15	256QAM	1	74	0	9.07	9.16	8.61	8.27	10	5
15	256QAM	36	0	0	8.90	8.99	8.72	8.24	10	5
15	256QAM	36	20	0	9.14	9.19	8.92	8.35	10	5
15	256QAM	36	36	0	8.84	9.05	8.56	8.31	10	5
15	256QAM	75	0	0	8.84	8.97	8.80	8.15	10	5
Channel					56290	56815	56165	56690		
Frequency (MHz)					56290	56815	56165	56690	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	0	13.96	14.10	13.85	13.16	15	0
10	QPSK	1	25	0	14.12	13.97	14.06	13.37	15	0
10	QPSK	1	49	0	14.00	14.03	13.96	13.17	15	0
10	QPSK	25	0	0	12.93	13.40	13.23	12.56	14	1
10	QPSK	25	12	0	13.21	13.34	12.99	12.28	14	1
10	QPSK	25	25	0	13.34	13.18	12.84	12.45	14	1
10	QPSK	50	0	0	12.83	13.16	13.30	12.37	14	1
10	16QAM	1	0	0	13.02	13.37	12.99	12.22	14	1
10	16QAM	1	25	0	12.94	13.06	13.12	12.58	14	1
10	16QAM	1	49	0	13.37	13.15	12.91	12.67	14	1
10	16QAM	25	0	0	12.26	12.13	12.08	11.56	13	2
10	16QAM	25	12	0	12.04	12.35	12.00	11.12	13	2
10	16QAM	25	25	0	12.19	12.21	12.03	11.24	13	2
10	16QAM	50	0	0	12.01	11.62	12.01	11.12	13	2
10	64QAM	1	0	0	11.96	12.05	12.08	11.57	13	2
10	64QAM	1	25	0	11.88	11.92	12.10	11.07	13	2
10	64QAM	1	49	0	12.21	12.02	12.23	11.36	13	2
10	64QAM	25	0	0	10.97	11.28	10.96	10.41	12	3
10	64QAM	25	12	0	10.99	11.28	11.08	10.24	12	3
10	64QAM	25	25	0	11.26	11.24	11.06	10.24	12	3
10	64QAM	50	0	0	10.99	11.02	11.23	10.69	12	3
10	256QAM	1	0	0	9.19	8.95	8.93	8.31	10	5
10	256QAM	1	25	0	8.92	9.11	8.53	8.34	10	5
10	256QAM	1	49	0	8.97	9.21	8.42	8.15	10	5
10	256QAM	25	0	0	8.97	9.14	8.79	8.39	10	5
10	256QAM	25	12	0	9.08	9.04	8.84	8.42	10	5
10	256QAM	25	25	0	8.87	8.97	8.64	8.52	10	5
10	256QAM	50	0	0	8.92	9.11	8.64	8.13	10	5
Channel					56265	56810	56170	56715		
Frequency (MHz)					56265	56810	56170	56715	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	0	13.85	14.04	13.95	13.13	15	0
5	QPSK	1	12	0	14.12	13.87	13.98	13.37	15	0
5	QPSK	1	24	0	14.07	13.89	13.89	13.11	15	0
5	QPSK	12	0	0	13.14	13.28	13.96	13.26	14	1
5	QPSK	12	7	0	13.23	13.22	13.86	13.40	14	1
5	QPSK	12	13	0	13.23	13.24	13.86	13.60	14	1
5	QPSK	25	0	0	12.92	13.29	13.38	12.29	14	1
5	16QAM	1	0	0	12.90	13.32	12.91	12.37	14	1
5	16QAM	1	12	0	12.93	13.19	13.22	12.37	14	1
5	16QAM	1	24	0	13.28	13.24	12.83	12.43	14	1
5	16QAM	12	0	0	12.17	12.28	12.91	12.24	13	2
5	16QAM	12	7	0	12.05	12.43	12.85	12.50	13	2
5	16QAM	12	13	0	12.27	12.23	12.73	12.42	13	2
5	16QAM	25	0	0	11.98	12.05	11.88	11.26	13	2
5	64QAM	1	0	0	12.02	11.97	12.07	11.52	13	2
5	64QAM	1	12	0	12.13	12.01	12.05	11.11	13	2
5	64QAM	1	24	0	12.34	12.11	12.26	11.39	13	2
5	64QAM	12	0	0	11.11	11.18	11.12	10.36	12	3
5	64QAM	12	7	0	11.08	11.31	10.99	10.32	12	3
5	64QAM	12	13	0	11.13	11.17	11.18	10.30	12	3
5	64QAM	25	0	0	11.06	10.91	11.36	10.64	12	3
5	256QAM	1	0	0	9.16	9.02	8.84	8.17	10	5
5	256QAM	1	12	0	8.74	9.05	8.57	8.43	10	5
5	256QAM	1	24	0	9.04	8.99	8.60	8.27	10	5
5	256QAM	12	0	0	8.94	9.08	8.81	8.31	10	5
5	256QAM	12	7	0	9.17	9.13	8.77	8.34	10	5
5	256QAM	12	13	0	8.75	8.95	8.53	8.49	10	5
5	256QAM	25	0	0	8.90	9.12	8.61	8.09	10	5

Band 48_FCC Ant 3										
BW (MHz)	Modulation	Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel					56340	56830	56150	56640		
Frequency (MHz)					56340	56830	56150	56640		
20	QPSK	1	0	0	21.04	21.24	21.14	20.86	22	0
20	QPSK	1	49	0	21.05	21.14	21.14	20.52	22	0
20	QPSK	1	99	0	21.12	21.06	21.19	20.51	22	0
20	QPSK	50	0	0	20.35	20.44	20.41	19.61	21	1
20	QPSK	50	24	0	20.38	20.41	20.24	19.51	21	1
20	QPSK	50	50	0	20.31	20.28	20.36	19.58	21	1
20	QPSK	100	0	0	20.23	20.47	20.39	19.60	21	1
20	16QAM	1	0	0	20.37	20.32	20.47	19.69	21	1
20	16QAM	1	49	0	20.41	20.57	20.26	19.59	21	1
20	16QAM	1	99	0	20.46	20.67	20.29	19.69	21	



Band 48_FCC Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				55920	56410	56730	57220		
20	QPSK	1	0	21.39	22.37	21.87	22.11	22.5	0
20	QPSK	1	49	21.94	21.94	21.91	22.11	22.5	0
20	QPSK	1	99	20.99	21.86	21.32	21.90	22.5	0
20	QPSK	50	0	20.84	21.47	21.18	21.41	21.5	1
20	QPSK	50	24	20.34	20.88	20.58	21.46	21.5	1
20	QPSK	50	50	20.12	20.68	20.52	21.46	21.5	1
20	QPSK	100	0	21.20	21.40	21.08	21.43	21.5	1
20	16QAM	1	0	20.13	20.83	20.50	21.31	21.5	1
20	16QAM	1	49	20.11	20.97	20.44	21.38	21.5	1
20	16QAM	1	99	20.13	21.04	20.57	21.26	21.5	1
20	16QAM	50	0	19.98	20.11	19.48	20.36	20.5	2
20	16QAM	50	24	19.16	19.84	19.56	20.29	20.5	2
20	16QAM	50	50	19.28	20.11	19.65	20.54	20.5	2
20	16QAM	100	0	19.35	20.17	19.60	20.44	20.5	2
20	64QAM	1	0	19.13	19.66	19.05	19.54	20.5	2
20	64QAM	1	49	18.97	19.80	19.08	19.50	20.5	2
20	64QAM	1	99	18.91	19.78	19.09	19.50	20.5	2
20	64QAM	50	0	18.20	18.96	18.55	18.95	19.5	3
20	64QAM	50	24	18.31	19.12	18.49	19.06	19.5	3
20	64QAM	50	50	18.34	19.02	18.58	18.98	19.5	3
20	64QAM	100	0	18.31	19.13	18.65	18.81	19.5	3
20	256QAM	1	0	16.29	17.40	16.96	17.18	17.5	5
20	256QAM	1	49	16.13	16.80	16.20	17.14	17.5	5
20	256QAM	1	99	16.11	16.73	16.40	17.03	17.5	5
20	256QAM	50	0	16.38	17.31	16.95	17.21	17.5	5
20	256QAM	50	24	16.50	17.88	16.82	17.19	17.5	5
20	256QAM	50	50	16.17	16.93	16.28	17.25	17.5	5
20	256QAM	100	0	16.16	16.98	16.14	17.14	17.5	5
Channel				55315	55820	56160	56665		
Frequency (MHz)				55915	56420	56760	57265		
15	QPSK	1	0	21.20	22.17	21.67	22.02	22.5	0
15	QPSK	1	37	20.88	21.75	21.19	22.10	22.5	0
15	QPSK	1	74	20.89	21.79	21.13	21.90	22.5	0
15	QPSK	36	0	20.59	21.26	20.96	21.35	21.5	1
15	QPSK	36	20	20.20	20.69	20.41	21.25	21.5	1
15	QPSK	36	39	19.93	20.80	20.36	21.31	21.5	1
15	QPSK	75	0	21.12	21.31	21.03	21.41	21.5	1
15	16QAM	1	0	20.08	20.81	20.34	21.17	21.5	1
15	16QAM	1	37	19.93	20.90	20.40	21.21	21.5	1
15	16QAM	1	74	20.02	21.05	20.55	21.28	21.5	1
15	16QAM	36	0	19.92	20.99	19.36	20.37	20.5	2
15	16QAM	36	20	19.02	19.75	19.43	20.15	20.5	2
15	16QAM	36	39	19.07	20.07	19.59	19.99	20.5	2
15	16QAM	75	0	19.19	20.08	19.47	20.41	20.5	2
15	64QAM	1	0	19.14	19.60	19.04	19.44	20.5	2
15	64QAM	1	37	18.90	19.64	19.05	19.44	20.5	2
15	64QAM	1	74	18.82	19.69	18.88	19.38	20.5	2
15	64QAM	36	0	18.08	18.87	18.47	18.89	19.5	3
15	64QAM	36	20	18.32	18.94	18.51	18.93	19.5	3
15	64QAM	36	39	18.28	19.02	18.50	18.96	19.5	3
15	64QAM	75	0	18.32	18.97	18.61	18.61	19.5	3
15	256QAM	1	0	16.16	17.29	16.90	17.11	17.5	5
15	256QAM	1	37	15.91	16.80	16.06	17.15	17.5	5
15	256QAM	1	74	15.90	16.61	16.18	16.91	17.5	5
15	256QAM	36	0	16.38	17.27	16.97	16.99	17.5	5
15	256QAM	36	20	16.29	17.03	16.70	16.98	17.5	5
15	256QAM	36	39	16.05	16.98	16.19	17.38	17.5	5
15	256QAM	75	0	15.95	16.89	16.03	17.11	17.5	5
Channel				55290	55815	56155	56660		
Frequency (MHz)				55890	56415	56755	57260		
10	QPSK	1	0	21.24	22.29	21.87	22.01	22.5	0
10	QPSK	1	25	20.94	21.95	21.16	22.07	22.5	0
10	QPSK	1	49	20.85	21.22	21.22	21.81	22.5	0
10	QPSK	25	0	20.64	21.38	21.10	21.30	21.5	1
10	QPSK	25	12	20.15	20.86	20.44	21.35	21.5	1
10	QPSK	25	28	19.95	20.90	20.53	21.28	21.5	1
10	QPSK	50	0	21.03	21.31	20.96	21.38	21.5	1
10	16QAM	1	0	19.96	20.68	20.36	21.24	21.5	1
10	16QAM	1	25	19.95	20.98	20.41	21.33	21.5	1
10	16QAM	1	49	20.12	20.94	20.57	21.27	21.5	1
10	16QAM	25	0	18.98	19.98	19.33	20.27	20.5	2
10	16QAM	25	12	19.11	19.92	19.53	20.31	20.5	2
10	16QAM	25	25	19.22	19.98	19.54	19.93	20.5	2
10	16QAM	50	0	18.37	20.81	19.41	20.32	20.5	2
10	64QAM	1	0	18.98	19.46	19.01	19.32	20.5	2
10	64QAM	1	25	18.89	19.76	18.98	19.39	20.5	2
10	64QAM	1	49	18.85	19.59	18.89	19.00	20.5	2
10	64QAM	25	0	18.22	18.78	18.43	18.87	19.5	3
10	64QAM	25	12	18.31	18.49	18.49	18.76	19.5	3
10	64QAM	25	25	18.19	18.90	18.41	18.76	19.5	3
10	64QAM	50	0	18.28	19.06	18.65	18.80	19.5	3
10	256QAM	1	0	16.26	17.24	16.97	16.99	17.5	5
10	256QAM	1	25	16.03	16.75	16.03	16.94	17.5	5
10	256QAM	1	49	16.02	16.52	16.25	16.87	17.5	5
10	256QAM	25	0	16.25	17.29	16.86	17.14	17.5	5
10	256QAM	25	12	16.35	17.02	16.81	17.01	17.5	5
10	256QAM	25	25	16.06	16.83	16.08	17.13	17.5	5
10	256QAM	50	0	16.10	16.78	16.94	17.05	17.5	5
Channel				55265	55810	56170	56715		
Frequency (MHz)				55865	56410	56775	57320		
5	QPSK	1	0	21.24	22.21	21.72	22.00	22.5	0
5	QPSK	1	12	20.99	21.91	21.28	22.10	22.5	0
5	QPSK	1	24	20.97	21.85	21.32	21.85	22.5	0
5	QPSK	12	0	20.48	21.41	21.13	21.39	21.5	1
5	QPSK	12	7	20.34	20.89	20.59	21.43	21.5	1
5	QPSK	12	13	20.01	20.89	20.44	21.41	21.5	1
5	QPSK	25	0	21.16	21.47	21.00	21.37	21.5	1
5	16QAM	1	0	19.92	20.67	20.33	21.12	21.5	1
5	16QAM	1	12	20.04	20.98	20.43	21.24	21.5	1
5	16QAM	1	24	19.99	20.90	20.48	21.18	21.5	1
5	16QAM	12	0	19.01	19.89	19.25	20.28	20.5	2
5	16QAM	12	7	19.13	19.82	19.52	20.17	20.5	2
5	16QAM	12	13	19.27	19.96	19.48	20.15	20.5	2
5	16QAM	25	0	19.23	20.08	19.44	20.39	20.5	2
5	64QAM	1	0	18.96	19.49	19.03	19.36	20.5	2
5	64QAM	1	12	18.91	19.69	18.89	19.37	20.5	2
5	64QAM	1	24	18.92	19.72	19.07	19.18	20.5	2
5	64QAM	12	0	18.27	18.84	18.51	18.85	19.5	3
5	64QAM	12	7	18.30	19.09	18.44	19.00	19.5	3
5	64QAM	12	13	18.29	18.82	18.60	18.99	19.5	3
5	64QAM	25	0	18.16	19.07	18.46	18.78	19.5	3
5	256QAM	1	0	16.25	17.38	16.88	17.03	17.5	5
5	256QAM	1	12	15.97	16.90	16.07	17.04	17.5	5
5	256QAM	1	24	16.00	16.54	16.29	16.86	17.5	5
5	256QAM	12	0	16.39	17.24	16.83	17.22	17.5	5
5	256QAM	12	7	16.49	17.00	16.68	17.15	17.5	5
5	256QAM	12	13	16.05	16.82	16.27	17.23	17.5	5
5	256QAM	25	0	16.00	16.97	16.06	17.00	17.5	5

Band 48_FCC Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				55920					



Reduced Power Mode For Sensor on

Table with 10 columns: Band 2 Ant 6 Down power. Columns include Modulation, RBW, Channel, Power, and various test parameters. Rows list various test cases for different frequencies and power levels.

Table with 10 columns: Band 2 Ant 6 For ENDC. Columns include Modulation, RBW, Channel, Power, and various test parameters. Rows list various test cases for different frequencies and power levels.

Table with 10 columns: Band 2 Ant 6 For ENDC. Columns include Modulation, RBW, Channel, Power, and various test parameters. Rows list various test cases for different frequencies and power levels.



Band 13 Ant 0 For ENDC									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Mid Ch./Freq	Power High Ch./Freq	Transmit Ant (dB)	MPE (dB)	
Channel									
Frequency (MHz)									
Type									
10	QPSK	1	0	21.20	21.20	21.20	22	0	
10	QPSK	1	20	21.20	21.20	21.20			
10	QPSK	1	40	21.20	21.20	21.20			
10	QPSK	25	0	21.14	21.14	21.14	22	0	
10	QPSK	25	20	21.14	21.14	21.14			
10	QPSK	25	40	21.14	21.14	21.14			
10	TDMA	1	0	21.13	21.13	21.13	22	0	
10	TDMA	1	20	21.06	21.06	21.06			
10	TDMA	1	40	21.11	21.11	21.11			
10	TDMA	25	0	21.00	21.00	21.00	22	0	
10	TDMA	25	20	20.93	20.93	20.93			
10	TDMA	25	40	21.04	21.04	21.04			
10	TDMA	50	0	21.23	21.23	21.23	22	0	
10	TDMA	50	20	21.16	21.16	21.16			
10	TDMA	50	40	21.27	21.27	21.27			
10	SCDMA	1	0	21.21	21.21	21.21	22	0	
10	SCDMA	1	20	21.14	21.14	21.14			
10	SCDMA	1	40	21.22	21.22	21.22			
10	SCDMA	25	0	20.20	20.20	20.20	21	1	
10	SCDMA	25	20	20.20	20.20	20.20			
10	SCDMA	25	40	20.20	20.20	20.20			
10	ZSSVDMA	1	0	18.20	18.20	18.20	19	3	
10	ZSSVDMA	1	20	18.20	18.20	18.20			
10	ZSSVDMA	1	40	18.20	18.20	18.20			
10	ZSSVDMA	25	0	18.48	18.48	18.48	19	3	
10	ZSSVDMA	25	20	18.48	18.48	18.48			
10	ZSSVDMA	25	40	18.48	18.48	18.48			
10	ZSSVDMA	50	0	18.66	18.66	18.66			
10	ZSSVDMA	50	20	18.66	18.66	18.66			
10	ZSSVDMA	50	40	18.66	18.66	18.66			

Channel									
Frequency (MHz)	Channel	13020	13020	13020	Transmit Ant (dB)	MPE (dB)			
Frequency (MHz)	Channel	793.5	792	784.5					
5	QPSK	1	0	21.20	21.05	21.15	22	0	
5	QPSK	1	12	21.01	21.01	21.01			
5	QPSK	1	24	21.20	20.94	21.06			
5	QPSK	12	0	21.19	20.99	21.09	22	0	
5	QPSK	12	12	21.04	20.89	20.96			
5	QPSK	12	13	21.18	21.03	21.08			
5	QPSK	25	0	21.02	20.81	21.00	22	0	
5	TDMA	1	0	21.21	20.99	21.01			
5	TDMA	1	12	21.05	20.90	21.04			
5	TDMA	1	24	21.11	20.94	21.01			
5	TDMA	12	0	21.15	21.02	21.07	22	0	
5	TDMA	12	7	21.10	20.83	21.06			
5	TDMA	12	13	21.16	20.85	21.06			
5	TDMA	25	0	21.04	20.69	21.15			
5	TDMA	1	0	21.17	20.80	21.15	22	0	
5	TDMA	1	12	21.02	21.00	21.02			
5	TDMA	1	24	21.04	21.00	21.04			
5	TDMA	12	0	20.31	20.40	20.31	21	1	
5	TDMA	12	7	20.37	20.44	20.35			
5	TDMA	12	13	20.41	20.20	20.48			
5	ZSSVDMA	1	0	18.20	18.20	18.20	19	3	
5	ZSSVDMA	1	12	17.88	17.71	17.87			
5	ZSSVDMA	1	24	18.06	18.21	18.06			
5	ZSSVDMA	12	0	18.10	18.13	18.10	19	3	
5	ZSSVDMA	12	7	18.17	18.14	18.17			
5	ZSSVDMA	12	13	18.08	17.25	17.98			
5	ZSSVDMA	25	0	17.88	17.81	17.83			

Band 66 Ant 0 Down power									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Mid Ch./Freq	Power High Ch./Freq	Transmit Ant (dB)	MPE (dB)	
Channel									
Frequency (MHz)									
Type									
20	QPSK	1	0	18.20	18.20	18.20	20	0	
20	QPSK	1	20	18.20	18.20	18.20			
20	QPSK	1	40	18.20	18.20	18.20			
20	QPSK	1	60	18.20	18.20	18.20			
20	QPSK	1	80	18.20	18.20	18.20			
20	QPSK	25	0	18.20	18.20	18.20	20	0	
20	QPSK	25	20	18.20	18.20	18.20			
20	QPSK	25	40	18.20	18.20	18.20			
20	TDMA	1	0	18.20	18.20	18.20	20	0	
20	TDMA	1	20	18.20	18.20	18.20			
20	TDMA	1	40	18.20	18.20	18.20			
20	TDMA	1	60	18.20	18.20	18.20			
20	TDMA	1	80	18.20	18.20	18.20			
20	TDMA	25	0	18.20	18.20	18.20	20	0	
20	TDMA	25	20	18.20	18.20	18.20			
20	TDMA	25	40	18.20	18.20	18.20			
20	TDMA	50	0	18.20	18.20	18.20	20	0	
20	TDMA	50	20	18.20	18.20	18.20			
20	TDMA	50	40	18.20	18.20	18.20			
20	TDMA	100	0	18.20	18.20	18.20	20	0	
20	TDMA	100	20	18.20	18.20	18.20			
20	TDMA	100	40	18.20	18.20	18.20			
20	SCDMA	1	0	18.20	18.20	18.20	20	0	
20	SCDMA	1	20	18.20	18.20	18.20			
20	SCDMA	1	40	18.20	18.20	18.20			
20	SCDMA	1	60	18.20	18.20	18.20			
20	SCDMA	1	80	18.20	18.20	18.20			
20	SCDMA	25	0	18.20	18.20	18.20	20	0	
20	SCDMA	25	20	18.20	18.20	18.20			
20	SCDMA	25	40	18.20	18.20	18.20			
20	ZSSVDMA	1	0	18.20	18.20	18.20	19	1	
20	ZSSVDMA	1	20	18.20	18.20	18.20			
20	ZSSVDMA	1	40	18.20	18.20	18.20			
20	ZSSVDMA	25	0	18.20	18.20	18.20	19	1	
20	ZSSVDMA	25	20	18.20	18.20	18.20			
20	ZSSVDMA	25	40	18.20	18.20	18.20			
20	ZSSVDMA	50	0	17.70	17.74	17.76			
20	ZSSVDMA	50	20	17.80	17.85	17.78			
20	ZSSVDMA	100	0	17.80	17.85	17.78			
20	ZSSVDMA	100	20	17.80	17.85	17.78			
20	ZSSVDMA	100	40	17.80	17.85	17.78			

Channel									
Frequency (MHz)	Channel	13020	13020	13020	Transmit Ant (dB)	MPE (dB)			
Frequency (MHz)	Channel	1302.5	1302	1302.5					
10	QPSK	1	0	18.17	18.07	18.14	20	0	
10	QPSK	1	20	18.14	18.05	18.03			
10	QPSK	1	40	18.05	18.05	18.08			
10	QPSK	25	0	18.03	18.12	18.04	20	0	
10	QPSK	25	12	18.07	18.15	18.07			
10	QPSK	25	24	18.09	18.05	18.09			
10	TDMA	1	0	18.21	18.05	18.08	20	0	
10	TDMA	1	20	18.04	18.00	18.07			
10	TDMA	1	40	18.06	18.02	18.06			
10	TDMA	25	0	18.07	18.09	18.09	20	0	
10	TDMA	25	12	18.07	18.09	18.09			
10	TDMA	25	24	18.05	18.05	18.04			
10	TDMA	50	0	18.03	18.01	18.03	20	0	
10	TDMA	50	20	18.03	18.01	18.02			
10	TDMA	50	40	18.04	18.02	18.06			
10	TDMA	100	0	18.04	18.01	18.06	20	0	
10	TDMA	100	20	18.03	18.01	18.02			
10	TDMA	100	40	18.03	18.01	18.02			
10	ZSSVDMA	1	0	18.09	18.11	18.06	19	1	
10	ZSSVDMA	1	20	17.75	17.89	17.81			
10	ZSSVDMA	1	40	18.04	18.01	17.72			
10	ZSSVDMA	25	0	17.84	18.03	17.93	19	1	
10	ZSSVDMA	25	12	18.03	18.02	17.85			
10	ZSSVDMA	25	24	17.85	17.73	17.82			
10	ZSSVDMA	50	0	17.75	17.84	17.87			
10	ZSSVDMA	50	20	17.75	17.84	17.87			
10	ZSSVDMA	50	40	17.75	17.84	17.87			

Channel									
Frequency (MHz)	Channel	1302.5	1302	1302.5	Transmit Ant (dB)	MPE (dB)			
Frequency (MHz)	Channel	1302.5	1302	1302.5					
5	QPSK	1	0	18.15	18.28	18.17	20	0	
5	QPSK	1	8	18.03	18.02	18.02			
5	QPSK	1	14	18.06	18.03	18.02			
5	QPSK	7	0	18.01	18.11	18.02	20	0	
5	QPSK	7	4	18.06	18.05	18.02			
5	QPSK	7	8	18.02	18.03	18.10			
5	QPSK	12	0	18.01	18.01	18.04	20	0	
5	QPSK	12	4	18.07	18.05	18.07			
5	TDMA	1	0	18.20	18.00	18.20	20	0	
5	TDMA	1	14	18.00	18.00	18.02			
5	TDMA	1	28	18.10	18.08	18.20			
5	TDMA	7	0	18.10	18.14	18.09	20	0	
5	TDMA	7	4	18.15	18.14	18.09			
5	TDMA	7	8	18.14	18.18	18.21			
5	TDMA	12	0	18.03	18.02	18.04	20	0	
5	TDMA	12	4	18.10	18.05	18.06			
5	TDMA	12	8	18.04	18.05	18.09			
5	TDMA	25	0	18.07	18.09	18.16	20	0	
5	TDMA	25	4	18.00	18.04	18.02			
5	TDMA	25	8	18.01	18.04	18.02			
5	TDMA	50	0	18.00	18.04	18.02	20	0	
5	TDMA	50	4	18.01	18.04	18.02			
5	TDMA	50	8	18.01	18.10	18.03			
5	TDMA								



Uplink CA Power

Full Power										Tune up (dBm)
										24
CA_5B Ant 0										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	23.02	24
20575	20476	QPSK	1	0	1	49	2	0	23.22	24
20600	20901	QPSK	1	0	1	49	2	0	23.15	24



Full Power										Tune up (dBm)	
CA_66B Ant 0											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	0	0	0	1	0	22.89	24	
132322	132229	QPSK	1	0	1	24	2	0	23.01	24	
132597	132504	QPSK	1	0	1	24	2	0	22.66	24	
Full Power											Tune up (dBm)
CA_66B Ant 1											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	74	0	0	1	0	18.34	20	
132322	132229	QPSK	1	0	1	24	2	0	18.60	20	
132597	132504	QPSK	1	74	1	24	2	0	18.36	20	
Full Power											Tune up (dBm)
CA_66B Ant 2											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	0	0	0	1	0	22.75	24	
132322	132229	QPSK	1	0	1	24	2	0	22.51	24	
132597	132504	QPSK	1	0	1	24	2	0	22.71	24	
Full Power											Tune up (dBm)
CA_66B Ant 3											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	74	0	0	1	0	20.76	22	
132322	132229	QPSK	1	74	1	24	2	0	20.89	22	
132597	132504	QPSK	1	74	1	24	2	0	20.77	22	
SA Power											Tune up (dBm)
CA_66B Ant 0											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	74	0	0	1	0	19.01	20	
132322	132229	QPSK	1	74	1	24	2	0	19.17	20	
132597	132504	QPSK	1	74	1	24	2	0	18.78	20	
ENDC Power											Tune up (dBm)
CA_66B Ant 0											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	74	0	0	1	0	15.93	17	
132322	132229	QPSK	1	74	1	24	2	0	15.84	17	
132597	132504	QPSK	1	74	1	24	2	0	15.66	17	



Full Power Ant 0										Tune up (dBm)
CA_66C Ant 0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	0	0	0	1	0	23.06	24
132322	132124	QPSK	1	0	1	99	2	0	23.17	24
132572	132374	QPSK	1	0	1	99	2	0	22.85	24

Full Power										Tune up (dBm)
CA_66C Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	0	0	0	1	0	18.58	20
132322	132124	QPSK	1	0	1	99	2	0	18.81	20
132572	132374	QPSK	1	0	1	99	2	0	18.76	20

Full Power										Tune up (dBm)
CA_66C Ant 2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	0	0	0	1	0	22.88	24
132322	132124	QPSK	1	0	1	99	2	0	22.81	24
132572	132374	QPSK	1	0	1	99	2	0	22.88	24

Full Power										Tune up (dBm)
CA_66C Ant 3										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	0	0	0	1	0	20.99	22
132322	132124	QPSK	1	0	1	99	2	0	21.18	22
132572	132374	QPSK	1	0	1	99	2	0	21.19	22

SA Power Ant 0										Tune up (dBm)
CA_66C Ant 0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	0	0	0	1	0	19.06	20
132322	132124	QPSK	1	0	1	99	2	0	19.28	20
132572	132374	QPSK	1	0	1	99	2	0	18.84	20

ENDC Power Ant 0										Tune up (dBm)
CA_66C Ant 0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	0	0	0	1	0	16.08	17
132322	132124	QPSK	1	0	1	99	2	0	16.28	17
132572	132374	QPSK	1	0	1	99	2	0	15.88	17



Full Power										Tune up (dBm)
CA_48C Ant 2										15
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	1	0	14.08	15
55830	55632	QPSK	1	0	1	99	2	0	14.13	15
56150	55952	QPSK	1	0	1	99	2	0	13.91	15
56640	56442	QPSK	1	0	1	99	2	0	13.33	15
Full Power										Tune up (dBm)
CA_48C Ant 3										22
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	1	0	21.02	22
55830	55632	QPSK	1	0	1	99	2	0	21.18	22
56150	55952	QPSK	1	0	1	99	2	0	21.07	22
56640	56442	QPSK	1	0	1	99	2	0	20.54	22
Full Power										Tune up (dBm)
CA_48C Ant 4										22.5
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	1	0	21.99	22.5
55830	55632	QPSK	1	0	1	99	2	0	22.37	22.5
56150	55952	QPSK	1	0	1	99	2	0	21.87	22.5
56640	56442	QPSK	1	0	1	99	2	0	22.11	22.5
Full Power										Tune up (dBm)
CA_48C Ant 5										20
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	1	0	18.88	20
55830	55632	QPSK	1	0	1	99	2	0	18.91	20
56150	55952	QPSK	1	0	1	99	2	0	18.73	20
56640	56442	QPSK	1	0	1	99	2	0	18.43	20



Full Power Mode for 5G NR

n2 Ant 0 DFT-15									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	23.89	23.92	23.80	25.0	0.0	
20	PI/2 BPSK	1	53	23.83	23.85	23.72			
20	PI/2 BPSK	1	104	23.84	23.84	23.74			
20	PI/2 BPSK	50	0	23.34	23.41	23.34	24.5	0.5	
20	PI/2 BPSK	50	28	23.90	23.90	23.87	25.0	0.0	
20	PI/2 BPSK	50	56	23.46	23.47	23.42	24.5	0.5	
20	PI/2 BPSK	100	0	23.39	23.40	23.36			
20	QPSK	1	1	24.09	24.15	24.12			
20	QPSK	1	53	24.12	24.10	24.08	25.0	0.0	
20	QPSK	1	104	24.10	24.14	24.08			
20	QPSK	50	0	23.30	23.31	23.22			
20	QPSK	50	28	23.80	23.89	23.76	25.0	0.0	
20	QPSK	50	56	22.71	22.83	22.73	24.0	1.0	
20	QPSK	100	0	23.25	23.28	23.15			
20	16QAM	1	1	22.42	22.56	22.49			
20	64QAM	1	1	21.30	21.36	21.19	24.0	1.0	
20	256QAM	1	1	19.11	19.15	19.09	20.5	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	23.91	24.12	24.08	25.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.60	23.82	23.78	25.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	23.81	24.04	24.04	25.0	0.0	

n2 Ant 6 DFT-15									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	23.68	23.99	23.90	25.0	0.0	
20	PI/2 BPSK	1	53	23.79	24.00	23.88			
20	PI/2 BPSK	1	104	23.74	24.03	23.75			
20	PI/2 BPSK	50	0	23.36	23.51	23.36	24.5	0.5	
20	PI/2 BPSK	50	28	23.95	24.04	23.73	25.0	0.0	
20	PI/2 BPSK	50	56	23.47	23.60	23.43	24.5	0.5	
20	PI/2 BPSK	100	0	23.22	23.48	23.40			
20	QPSK	1	1	24.01	24.23	23.89			
20	QPSK	1	53	23.93	24.21	24.13	25.0	0.0	
20	QPSK	1	104	23.86	24.15	24.01			
20	QPSK	50	0	22.79	23.03	22.81			
20	QPSK	50	28	23.90	24.04	23.79	25.0	0.0	
20	QPSK	50	56	22.73	23.01	22.74	24.0	1.0	
20	QPSK	100	0	22.72	22.98	22.69			
20	16QAM	1	1	22.74	22.90	22.81			
20	64QAM	1	1	21.38	21.50	21.26	22.5	2.5	
20	256QAM	1	1	19.32	19.57	19.46	20.5	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	23.84	24.06	23.58	25.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.93	23.93	23.78	25.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	23.83	23.96	23.65	25.0	0.0	



n5 Ant 0 DFT-15									
Channel	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)				
20	168800	167300	167800	25.0	0.0				
Channel									
Frequency (MHz)									
20	834	836.5	839	25.0	0.0				
20	24.02	24.07	24.00	25.0	0.0				
20	24.00	24.10	24.03	25.0	0.0				
20	23.91	23.92	23.92	25.0	0.0				
20	23.46	23.52	23.44	24.5	0.5				
20	23.85	23.92	23.87	25.0	0.0				
20	23.43	23.48	23.44	24.5	0.5				
20	23.38	23.47	23.39	24.5	0.5				
20	24.23	24.34	24.18	25.0	0.0				
20	24.08	24.15	24.07	25.0	0.0				
20	23.88	23.93	23.88	25.0	0.0				
20	23.36	23.43	23.40	24.0	1.0				
20	23.92	23.98	23.95	25.0	0.0				
20	22.96	23.02	22.96	24.0	1.0				
20	23.31	23.47	23.41	24.0	1.0				
20	22.84	22.91	22.89	24.0	1.0				
20	21.67	21.72	21.69	22.5	2.5				
20	19.27	19.33	19.25	20.5	4.5				
Channel									
Frequency (MHz)									
15	166300	167300	168300	25.0	0.0				
Channel									
Frequency (MHz)									
10	165800	167300	168800	25.0	0.0				
Channel									
Frequency (MHz)									
5	165300	167300	169300	25.0	0.0				
Channel									
Frequency (MHz)									

n5 Ant 1 DFT-15									
Channel	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)				
20	166800	167300	167800	25.0	0.0				
Channel									
Frequency (MHz)									
20	834	836.5	839	25.0	0.0				
20	23.04	23.20	22.96	25.0	0.0				
20	23.08	23.19	22.91	25.0	0.0				
20	23.07	23.16	23.05	25.0	0.0				
20	22.56	22.65	22.43	24.5	0.5				
20	23.12	23.30	23.09	25.0	0.0				
20	22.58	22.70	22.54	24.5	0.5				
20	22.64	22.94	22.68	24.5	0.5				
20	23.03	23.31	23.00	25.0	0.0				
20	22.99	23.20	22.90	25.0	0.0				
20	22.48	22.68	22.48	24.0	1.0				
20	22.22	22.49	22.40	24.0	1.0				
20	23.09	23.27	23.12	25.0	0.0				
20	22.08	22.33	22.16	24.0	1.0				
20	22.27	22.51	22.39	24.0	1.0				
20	22.49	22.64	22.36	24.0	1.0				
20	20.81	21.08	20.89	22.5	2.5				
20	19.04	19.17	18.95	20.5	4.5				
Channel									
Frequency (MHz)									
15	166300	167300	168300	25.0	0.0				
Channel									
Frequency (MHz)									
10	165800	167300	168800	25.0	0.0				
Channel									
Frequency (MHz)									
5	165300	167300	169300	25.0	0.0				
Channel									
Frequency (MHz)									



n66 Ant 0 DFT-15									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	24.31	24.33	24.31	25.0	0.0	
20	PI/2 BPSK	1	53	24.35	24.35	24.32			
20	PI/2 BPSK	1	104	24.30	24.32	24.32			
20	PI/2 BPSK	50	0	23.77	23.77	23.75	24.5	0.5	
20	PI/2 BPSK	50	28	24.22	24.25	24.23	25.0	0.0	
20	PI/2 BPSK	50	56	23.72	23.78	23.75	24.5	0.5	
20	PI/2 BPSK	100	0	23.73	23.77	23.71			
20	QPSK	1	1	24.58	24.62	24.57			
20	QPSK	1	53	24.33	24.37	24.34	25.0	0.0	
20	QPSK	1	104	24.09	24.10	24.06			
20	QPSK	50	0	23.74	23.80	23.78			
20	QPSK	50	28	24.19	24.24	24.18	24.0	1.0	
20	QPSK	50	56	23.23	23.29	23.27	24.0	1.0	
20	QPSK	100	0	23.76	23.82	23.63			
20	16QAM	1	1	22.89	22.94	22.89			
20	64QAM	1	1	21.82	21.82	21.80	24.0	2.5	
20	256QAM	1	1	19.64	19.65	19.60	20.5	4.5	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	24.41	24.56	24.40	25.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	24.42	24.58	24.35	25.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	24.40	24.45	24.43	25.0	0.0	

n66 Ant 6 DFT-15									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	24.23	24.48	24.28	25.0	0.0	
20	PI/2 BPSK	1	53	24.24	24.52	24.26			
20	PI/2 BPSK	1	104	24.44	24.57	24.48			
20	PI/2 BPSK	50	0	23.88	24.00	23.70	24.5	0.5	
20	PI/2 BPSK	50	28	24.41	24.51	24.34	25.0	0.0	
20	PI/2 BPSK	50	56	23.79	24.00	23.72	24.5	0.5	
20	PI/2 BPSK	100	0	23.88	24.09	23.93			
20	QPSK	1	1	24.21	24.58	24.24			
20	QPSK	1	53	24.16	24.43	24.31	25.0	0.0	
20	QPSK	1	104	24.35	24.44	24.17			
20	QPSK	50	0	23.20	23.47	23.34			
20	QPSK	50	28	24.29	24.52	24.27	24.0	1.0	
20	QPSK	50	56	23.21	23.41	23.33	24.0	1.0	
20	QPSK	100	0	23.32	23.44	23.14			
20	16QAM	1	1	23.51	23.61	23.51			
20	64QAM	1	1	21.96	22.07	21.99	24.0	2.5	
20	256QAM	1	1	19.72	19.89	19.69	20.5	4.5	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.78	24.12	23.82	25.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.68	24.03	23.78	25.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.69	23.91	23.73	25.0	0.0	



Part270 n77 Ant 4 DFT-30 for MIMO									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Frac.]	Power Max. Ch. [Frac.]	Power High Ch. [Frac.]	Time-up Int. [ms]	MFR [dB]	MFR [dB]
Channel									
				0.0000	0.0000	0.0000			
Frequency [MHz]									
100	PI2-BPSK	1	1	20.30	20.85	20.60			
100	PI2-BPSK	1	157	20.30	20.76	20.66	20.0	0.0	
100	PI2-BPSK	1	241	20.30	20.76	20.64			
100	PI2-BPSK	155	3	20.30	20.28	19.80	20.0	0.0	
100	PI2-BPSK	155	69	20.30	20.28	19.80			
100	PI2-BPSK	155	158	19.80	20.14	19.69	20.0	0.0	
100	PI2-BPSK	250	9	19.80	19.82	19.80			
100	QPSK	1	1	20.30	20.85	20.50			
100	QPSK	1	157	20.71	20.77	20.60	20.0	0.0	
100	QPSK	1	241	20.34	20.68	20.20			
100	QPSK	155	3	19.82	19.88	19.66	20.0	0.0	
100	QPSK	155	69	19.82	19.88	19.66			
100	QPSK	155	158	19.20	19.51	19.20	20.0	1.0	
100	QPSK	250	9	19.20	19.58	19.62			
100	16QAM	1	1	19.80	19.87	19.80	20.0	1.0	
100	16QAM	1	1	19.74	19.84	19.20	19.5	2.0	
100	256QAM	1	1	19.76	19.87	19.67	20.0	4.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
90	QPSK	1	1	20.30	20.85	20.54	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
80	QPSK	1	1	20.30	20.80	20.50	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
60	QPSK	1	1	20.30	20.74	20.40	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
50	QPSK	1	1	20.30	20.70	20.40	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
40	QPSK	1	1	20.30	20.70	20.40	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
30	QPSK	1	1	20.30	20.70	20.40	20.0	0.0	

Part270 n77 Ant 4 DFT-30 for MIMO									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Frac.]	Power Max. Ch. [Frac.]	Power High Ch. [Frac.]	Time-up Int. [ms]	MFR [dB]	MFR [dB]
Channel									
				0.0000	0.0000	0.0000			
Frequency [MHz]									
100	PI2-BPSK	1	1			20.54			
100	PI2-BPSK	1	157			20.36			20.0
100	PI2-BPSK	1	241			20.58			
100	PI2-BPSK	155	3			19.80			20.0
100	PI2-BPSK	155	69			20.21			
100	PI2-BPSK	155	158			19.73			20.0
100	PI2-BPSK	250	9			19.74			
100	QPSK	1	1			20.52			20.0
100	QPSK	1	157			20.52			
100	QPSK	1	241			20.51			
100	QPSK	155	3			19.20			20.0
100	QPSK	155	69			19.20			
100	QPSK	155	158			19.17			20.0
100	QPSK	250	9			19.21			
100	16QAM	1	1			19.82			20.0
100	16QAM	1	1			19.20			19.5
100	256QAM	1	1			19.83			19.5
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
90	QPSK	1	1	20.31	20.45	20.08	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
80	QPSK	1	1	20.28	20.20	20.81	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
60	QPSK	1	1	20.33	20.44	20.08	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
50	QPSK	1	1	20.30	20.53	20.14	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
40	QPSK	1	1	20.31	20.08	20.46	20.0	0.0	
Channel									
				0.0000	0.0000	0.0000	Time-up Int. [ms]	MFR [dB]	MFR [dB]
30	QPSK	1	1	20.34	20.40	20.83	20.0	0.0	



Reduced Power Mode for Sensor On_5G NR

n2 Ant 0 For SA DFT-15								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.43	19.51	19.41	20.5	0.0
20	PI/2 BPSK	1	53	19.40	19.61	19.31		
20	PI/2 BPSK	1	104	19.29	19.59	19.35		
20	PI/2 BPSK	50	0	19.26	19.50	19.19	20.5	0.0
20	PI/2 BPSK	50	28	19.42	19.54	19.38	20.5	0.0
20	PI/2 BPSK	50	56	19.29	19.59	19.47	20.5	0.0
20	PI/2 BPSK	100	0	19.35	19.56	19.41		
20	QPSK	1	1	19.75	19.76	19.70		
20	QPSK	1	53	19.50	19.67	19.37	20.5	0.0
20	QPSK	1	104	19.44	19.68	19.53		
20	QPSK	50	0	19.35	19.64	19.36		
20	QPSK	50	28	19.26	19.53	19.39	20.5	0.0
20	QPSK	50	56	19.36	19.60	19.42	20.5	0.0
20	QPSK	100	0	19.51	19.62	19.53		
20	16QAM	1	1	19.33	19.49	19.35		
20	64QAM	1	1	19.26	19.42	19.15	20.5	0.0
20	256QAM	1	1	19.18	19.38	19.29	20.5	0.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	19.53	19.54	19.39	20.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	19.59	19.53	19.49	20.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	19.45	19.66	19.55	20.5	0.0

n2 Ant 0 For NSA DFT-15								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.28	16.42	16.13	17.5	0.0
20	PI/2 BPSK	1	53	16.41	16.64	16.51		
20	PI/2 BPSK	1	104	16.35	16.55	16.29		
20	PI/2 BPSK	50	0	16.24	16.49	16.41	17.5	0.0
20	PI/2 BPSK	50	28	16.51	16.63	16.43	17.5	0.0
20	PI/2 BPSK	50	56	16.38	16.62	16.44	17.5	0.0
20	PI/2 BPSK	100	0	16.42	16.64	16.38		
20	QPSK	1	1	16.64	16.77	16.55		
20	QPSK	1	53	16.42	16.70	16.58	17.5	0.0
20	QPSK	1	104	16.41	16.67	16.57		
20	QPSK	50	0	16.48	16.59	16.42		
20	QPSK	50	28	16.43	16.53	16.31	17.5	0.0
20	QPSK	50	56	16.36	16.55	16.35	17.5	0.0
20	QPSK	100	0	16.45	16.61	16.36		
20	16QAM	1	1	16.18	16.44	16.33		
20	64QAM	1	1	16.17	16.34	16.12	17.5	0.0
20	256QAM	1	1	16.11	16.32	16.22	17.5	0.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	16.50	16.60	16.45	17.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	16.52	16.62	16.27	17.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	16.44	16.47	16.31	17.5	0.0



n2 Ant 6 For NSA DFT-15									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	22.29	22.42	22.13	23.5	0.0	
20	PI/2 BPSK	1	53	22.36	22.52	22.23			
20	PI/2 BPSK	1	104	22.19	22.45	22.31			
20	PI/2 BPSK	50	0	22.31	22.54	22.41	23.5	0.0	
20	PI/2 BPSK	50	28	22.25	22.54	22.23	23.5	0.0	
20	PI/2 BPSK	50	56	22.37	22.51	22.27	23.5	0.0	
20	PI/2 BPSK	100	0	22.13	22.42	22.21			
20	QPSK	1	1	22.66	22.73	22.61			
20	QPSK	1	53	22.48	22.62	22.34	23.5	0.0	
20	QPSK	1	104	22.38	22.69	22.39			
20	QPSK	50	0	22.32	22.54	22.40			
20	QPSK	50	28	22.35	22.53	22.42	23.5	0.0	
20	QPSK	50	56	22.26	22.40	22.28	23.5	0.0	
20	QPSK	100	0	22.50	22.61	22.45			
20	16QAM	1	1	22.21	22.43	22.30			
20	64QAM	1	1	21.35	21.42	21.13	22.5	1.0	
20	256QAM	1	1	19.29	19.53	19.47	20.5	3.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	22.50	22.60	22.49	23.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	22.52	22.64	22.45	23.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	22.52	22.64	22.60	23.5	0.0	

n5 Ant 0 For NSA DFT-15									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	20.92	21.10	20.91	22.0	0.0	
20	PI/2 BPSK	1	53	20.98	21.15	20.91			
20	PI/2 BPSK	1	104	20.68	20.92	20.83			
20	PI/2 BPSK	50	0	21.00	21.12	20.89	22.0	0.0	
20	PI/2 BPSK	50	28	20.98	21.12	20.85	22.0	0.0	
20	PI/2 BPSK	50	56	20.96	21.05	20.89	22.0	0.0	
20	PI/2 BPSK	100	0	21.04	21.14	21.01			
20	QPSK	1	1	21.31	21.35	21.21			
20	QPSK	1	53	21.10	21.32	21.22	22.0	0.0	
20	QPSK	1	104	20.99	21.10	20.95			
20	QPSK	50	0	21.08	21.17	20.94			
20	QPSK	50	28	20.82	21.13	20.87	22.0	0.0	
20	QPSK	50	56	20.77	21.08	20.90	22.0	0.0	
20	QPSK	100	0	21.06	21.18	21.00			
20	16QAM	1	1	20.96	21.19	20.93			
20	64QAM	1	1	20.79	21.10	20.87	22.0	0.0	
20	256QAM	1	1	19.33	19.50	19.21	20.5	1.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	21.00	21.05	21.07	22.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	21.00	21.06	20.91	22.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	21.07	21.12	21.03	22.0	0.0	



n66 Ant 0 For SA DFT-15									
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	21.60	21.79	21.68	22.5	0.0	
20	PI/2 BPSK	1	53	21.69	21.86	21.57			
20	PI/2 BPSK	1	104	21.61	21.78	21.57			
20	PI/2 BPSK	50	0	21.61	21.81	21.68	22.5	0.0	
20	PI/2 BPSK	50	28	21.67	21.84	21.63	22.5	0.0	
20	PI/2 BPSK	50	56	21.65	21.80	21.53	22.5	0.0	
20	PI/2 BPSK	100	0	21.52	21.80	21.51			
20	QPSK	1	1	21.97	22.00	21.89			
20	QPSK	1	53	21.72	21.95	21.71	22.5	0.0	
20	QPSK	1	104	21.52	21.84	21.73			
20	QPSK	50	0	21.63	21.88	21.79			
20	QPSK	50	28	21.53	21.78	21.48	22.5	0.0	
20	QPSK	50	56	21.51	21.82	21.53	22.5	0.0	
20	QPSK	100	0	21.61	21.82	21.66			
20	16QAM	1	1	21.63	21.80	21.61			
20	64QAM	1	1	21.61	21.78	21.60	22.5	0.0	
20	256QAM	1	1	19.75	19.85	19.69	20.5	2.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	21.71	21.72	21.81	22.5	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	21.67	21.91	21.59	22.5	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	21.72	21.69	21.66	22.5	0.0	

n66 Ant 0 For NSA DFT-15									
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	19.09	19.36	19.05	20.0	0.0	
20	PI/2 BPSK	1	53	19.01	19.24	19.14			
20	PI/2 BPSK	1	104	19.02	19.20	19.05			
20	PI/2 BPSK	50	0	19.05	19.37	19.07	20.0	0.0	
20	PI/2 BPSK	50	28	19.10	19.29	19.13	20.0	0.0	
20	PI/2 BPSK	50	56	19.16	19.32	19.17	20.0	0.0	
20	PI/2 BPSK	100	0	19.08	19.33	19.22			
20	QPSK	1	1	19.36	19.52	19.42			
20	QPSK	1	53	19.15	19.44	19.16	20.0	0.0	
20	QPSK	1	104	19.09	19.33	19.02			
20	QPSK	50	0	19.21	19.36	19.23			
20	QPSK	50	28	19.12	19.29	18.99	20.0	0.0	
20	QPSK	50	56	19.09	19.31	19.04	20.0	0.0	
20	QPSK	100	0	19.20	19.33	19.10			
20	16QAM	1	1	19.17	19.30	19.19			
20	64QAM	1	1	18.96	19.23	19.05	20.0	0.0	
20	256QAM	1	1	19.25	19.42	19.11	20.0	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.13	19.41	19.34	20.0	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.05	19.35	19.18	20.0	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.11	19.21	19.12	20.0	0.0	



n66 Ant 6 For SA DFT-15									
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	22.66	22.96	22.65	23.5	0.0	
20	PI/2 BPSK	1	53	22.88	23.00	22.81			
20	PI/2 BPSK	1	104	22.79	22.99	22.85			
20	PI/2 BPSK	50	0	22.84	22.95	22.65	23.5	0.0	
20	PI/2 BPSK	50	28	22.82	22.96	22.69	23.5	0.0	
20	PI/2 BPSK	50	56	22.77	23.01	22.83	23.5	0.0	
20	PI/2 BPSK	100	0	22.86	23.01	22.88			
20	QPSK	1	1	23.19	23.22	23.20			
20	QPSK	1	53	23.03	23.16	22.98	23.5	0.0	
20	QPSK	1	104	22.83	23.08	22.80			
20	QPSK	50	0	22.76	23.06	22.79			
20	QPSK	50	28	22.82	22.99	22.85	23.5	0.0	
20	QPSK	50	56	22.82	23.01	22.80	23.5	0.0	
20	QPSK	100	0	22.85	23.06	22.96			
20	16QAM	1	1	22.71	22.90	22.61			
20	64QAM	1	1	21.78	21.91	21.77	22.5	1.0	
20	256QAM	1	1	19.70	19.98	19.69	20.5	3.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.05	23.12	22.92	23.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.95	22.93	22.96	23.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.00	22.99	23.02	23.5	0.0	

n66 Ant 6 For NSA DFT-15									
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	19.78	19.94	19.76	20.5	0.0	
20	PI/2 BPSK	1	53	19.61	19.91	19.82			
20	PI/2 BPSK	1	104	19.71	19.99	19.86			
20	PI/2 BPSK	50	0	19.73	19.97	19.88	20.5	0.0	
20	PI/2 BPSK	50	28	19.79	20.00	19.87	20.5	0.0	
20	PI/2 BPSK	50	56	19.70	19.93	19.72	20.5	0.0	
20	PI/2 BPSK	100	0	19.64	19.95	19.69			
20	QPSK	1	1	20.13	20.20	20.18			
20	QPSK	1	53	19.98	20.13	20.01	20.5	0.0	
20	QPSK	1	104	19.78	20.02	19.89			
20	QPSK	50	0	19.70	20.00	19.91			
20	QPSK	50	28	19.86	19.95	19.74	20.5	0.0	
20	QPSK	50	56	19.78	19.97	19.80	20.5	0.0	
20	QPSK	100	0	19.89	20.02	19.88			
20	16QAM	1	1	19.62	19.89	19.59			
20	64QAM	1	1	19.77	19.86	19.61	20.5	0.0	
20	256QAM	1	1	19.90	20.01	19.79	20.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.91	19.92	19.94	20.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.04	19.96	20.01	20.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.84	20.07	19.94	20.5	0.0	



WLAN Power

2.4GHz WLAN				Axi 1		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	15.15	17.20	100.00	
	6	2437	16.00	17.20		
	11	2462	16.11	17.20		
802.11g 6Mbps	1	2412	13.79	15.20	98.91	
	6	2437	13.41	15.20		
	11	2462	13.74	15.20		
802.11n-HT20 MCS9	1	2412	11.81	13.20	100.00	
	6	2437	11.99	13.20		
	11	2462	11.63	13.20		
802.11n-HT40 MCS9	3	2422	11.85	13.20	100.00	
	6	2437	11.91	13.20		
	9	2452	11.79	13.20		
802.11ax-HE20 MCS9	1	2412	11.95	13.20	100.00	
	6	2437	12.05	13.20		
	11	2462	11.72	13.20		
802.11ax-HE40 MCS9	3	2422	11.99	13.20	100.00	
	6	2437	11.94	13.20		
	9	2452	11.85	13.20		

2.4GHz WLAN				Axi 2		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	15.52	17.20	100.00	
	6	2437	16.29	17.20		
	11	2462	16.46	17.20		
802.11g 6Mbps	1	2412	13.48	15.20	99.27	
	6	2437	13.65	15.20		
	11	2462	14.16	15.20		
802.11n-HT20 MCS9	1	2412	11.85	13.20	100.00	
	6	2437	11.96	13.20		
	11	2462	11.89	13.20		
802.11n-HT40 MCS9	3	2422	11.94	13.20	100.00	
	6	2437	11.89	13.20		
	9	2452	12.23	13.20		
802.11ax-HE20 MCS9	1	2412	11.99	13.20	100.00	
	6	2437	12.19	13.20		
	11	2462	12.23	13.20		
802.11ax-HE40 MCS9	3	2422	12.08	13.20	100.00	
	6	2437	12.12	13.20		
	9	2452	12.38	13.20		

2.4GHz WLAN				Axi 1+2		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11n-HT20 MCS9	1	2412	14.84	16.00	100.00	
	6	2437	14.98	16.00		
	11	2462	14.77	16.00		
802.11n-HT40 MCS9	3	2422	14.91	16.00	100.00	
	6	2437	14.91	16.00		
	9	2452	15.02	16.00		
802.11ax-HE20 MCS9	1	2412	14.98	16.00	100.00	
	6	2437	15.13	16.00		
	11	2462	14.99	16.00		
802.11ax-HE40 MCS9	3	2422	15.05	16.00	100.00	
	6	2437	15.04	16.00		
	9	2452	15.13	16.00		

5.2GHz WLAN				Axi 1		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	12.76	14.00	98.19	
	40	5200	12.73	14.00		
	44	5220	12.69	14.00		
	48	5240	12.61	14.00		
802.11n-HT20 MCS9	36	5180	12.84	14.00	100.00	
	40	5200	12.68	14.00		
	44	5220	12.65	14.00		
	48	5240	12.47	14.00		
802.11n-HT40 MCS9	38	5190	12.68	14.00	100.00	
	46	5230	12.37	14.00		
	36	5180	12.66	13.00		
	40	5200	11.77	13.00		
802.11ac-VHT20 MCS9	44	5220	11.55	13.00	100.00	
	48	5240	11.48	13.00		
	38	5190	11.63	13.00		
	46	5230	11.36	13.00		
802.11ac-VHT40 MCS9	42	5210	11.53	13.00	100.00	
	36	5180	10.66	11.00		
	40	5200	9.96	11.00		
	44	5220	9.88	11.00		
802.11ax-HE20 MCS9	48	5240	9.77	11.00	100.00	
	38	5190	9.81	11.00		
	46	5230	9.85	11.00		
	42	5210	9.92	11.00		

5.2GHz WLAN				Axi 2		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	13.10	14.00	98.91	
	40	5200	13.18	14.00		
	44	5220	13.03	14.00		
	48	5240	12.81	14.00		
802.11n-HT20 MCS9	36	5180	13.43	14.00	100.00	
	40	5200	13.46	14.00		
	44	5220	13.41	14.00		
	48	5240	13.32	14.00		
802.11n-HT40 MCS9	38	5190	13.41	14.00	100.00	
	46	5230	13.16	14.00		
	36	5180	13.32	13.00		
	40	5200	12.41	13.00		
802.11ac-VHT20 MCS9	44	5220	12.38	13.00	100.00	
	48	5240	12.15	13.00		
	38	5190	12.22	13.00		
	46	5230	12.11	13.00		
802.11ac-VHT40 MCS9	42	5210	11.94	13.00	100.00	
	36	5180	10.30	11.00		
	40	5200	10.32	11.00		
	44	5220	10.15	11.00		
802.11ax-HE20 MCS9	48	5240	10.06	11.00	100.00	
	38	5190	10.31	11.00		
	46	5230	10.37	11.00		
	42	5210	10.37	11.00		

5.2GHz WLAN				Axi 1+2		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11n-HT20 MCS9	36	5180	15.16	17.00	100.00	
	40	5200	15.10	17.00		
	44	5220	15.06	17.00		
	48	5240	15.93	17.00		
802.11n-HT40 MCS9	38	5190	15.07	17.00	100.00	
	46	5230	15.79	17.00		
	36	5180	15.20	16.00		
	40	5200	15.11	16.00		
802.11ac-VHT20 MCS9	44	5220	15.00	16.00	100.00	
	48	5240	14.84	16.00		
	38	5190	14.95	16.00		
	46	5230	14.75	16.00		
802.11ac-VHT40 MCS9	42	5210	14.75	16.00	100.00	
	36	5180	13.19	14.00		
	40	5200	13.08	14.00		
	44	5220	13.03	14.00		
802.11ax-HE20 MCS9	48	5240	12.93	14.00	100.00	
	38	5190	13.08	14.00		
	46	5230	13.13	14.00		
	42	5210	13.16	14.00		

5.8GHz WLAN				Axi 1		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	149	5745	13.29	14.00	98.19	
	157	5785	13.34	14.00		
	165	5825	13.37	14.00		
802.11n-HT20 MCS9	149	5745	12.86	14.00	100.00	
	157	5785	13.07	14.00		
	165	5825	13.02	14.00		
802.11n-HT40 MCS9	151	5755	12.81	14.00	100.00	
	159	5795	12.82	14.00		
	149	5745	11.98	13.00		
802.11ac-VHT20 MCS9	157	5785	12.06	13.00	100.00	
	165	5825	12.04	13.00		
	151	5755	11.75	13.00		
802.11ac-VHT40 MCS9	159	5795	11.91	13.00	100.00	
	155	5775	12.02	13.00		
	149	5745	9.58	11.00		
802.11ax-HE20 MCS9	157	5785	9.73	11.00	100.00	
	165	5825	10.32	11.00		
	151	5755	9.66	11.00		
802.11ax-HE40 MCS9	159	5795	9.77	11.00	100.00	
	155	5775	9.78	11.00		

5.8GHz WLAN				Axi 2		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	149	5745	13.14	14.00	98.91	
	157	5785	12.76	14.00		
	165	5825	12.31	14.00		
802.11n-HT20 MCS9	149	5745	13.11	14.00	100.00	
	157	5785	12.89	14.00		
	165	5825	12.56	14.00		
802.11n-HT40 MCS9	151	5755	12.93	14.00	100.00	
	159	5795	12.79	14.00		
	149	5745	12.03	13.00		
802.11ac-VHT20 MCS9	157	5785	12.07	13.00	100.00	
	165	5825	11.68	13.00		
	151	5755	11.99	13.00		
802.11ac-VHT40 MCS9	159	5795	11.84	13.00	100.00	
	155	5775	12.07	13.00		
	149	5745	10.25	11.00		
802.11ax-HE20 MCS9	157	5785	10.18	11.00	100.00	
	165	5825	10.05	11.00		
	151	5755	10.06	11.00		
802.11ax-HE40 MCS9	159	5795	9.73	11.00	100.00	
	155	5775	10.04	11.00		

5.8GHz WLAN				Axi 1+2		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11n-HT20 MCS9	149	5745	16.00	17.00	100.00	
	157	5785	15.99	17.00		
	165	5825	15.81	17.00		
802.11n-HT40 MCS9	151	5755	15.78	17.00	100.00	
	159	5795	15.82	17.00		
	149	5745	15.02	16.00		
802.11ac-VHT20 MCS9	157	5785	15.08	16.00	100.00	
	165	5825	14.87	16.00		
	151	5755	14.88	16.00		
802.11ac-VHT40 MCS9	159	5795	14.89	16.00	100.00	
	155	5775	15.06	16.00		
	149	5745	12.94	14.00		
802.11ax-HE20 MCS9	157	5785	12.97	14.00	100.00	
	165	5825	13.20	14.00		
	151	5755	12.87	14.00		
802.11ax-HE40 MCS9	159	5795	12.76	14.00	100.00	
	155	5775	12.93	14.00		