

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

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm ($\mu\text{V}/(\text{V/m})^2$) ^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 %

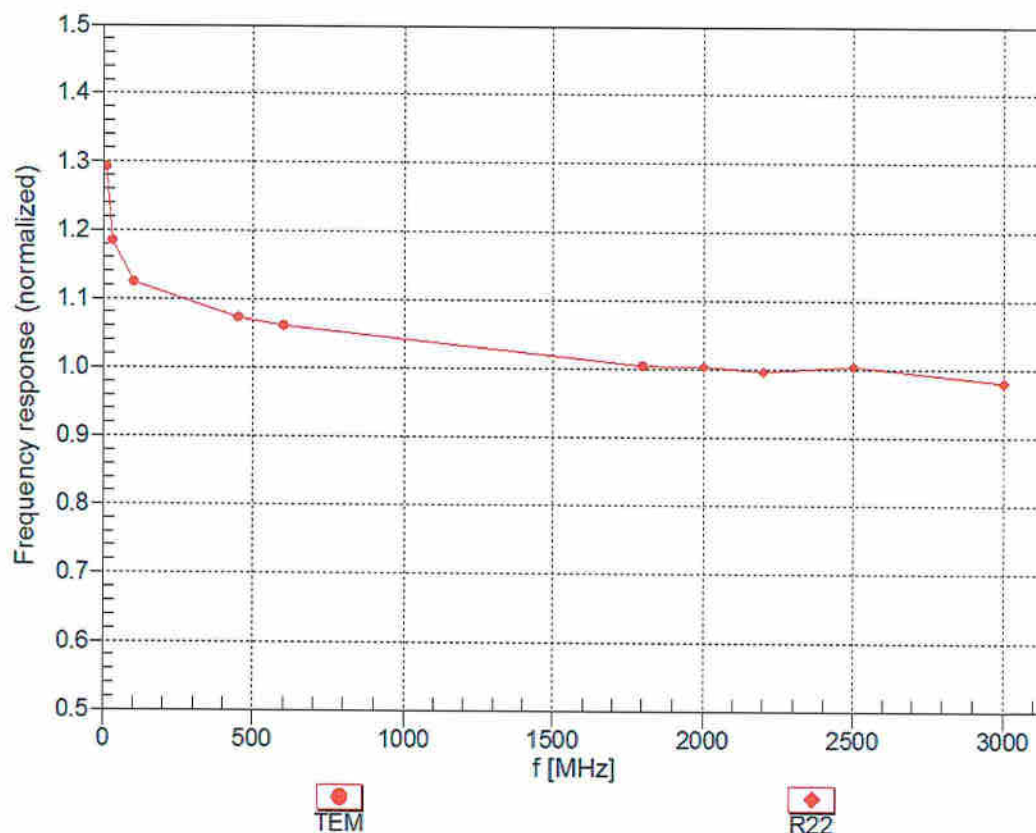
^C Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

^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

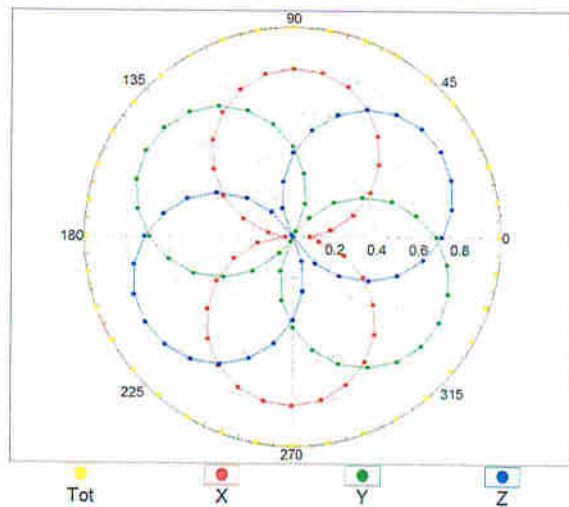
(TEM-Cell:ifi110 EXX, Waveguide: R22)



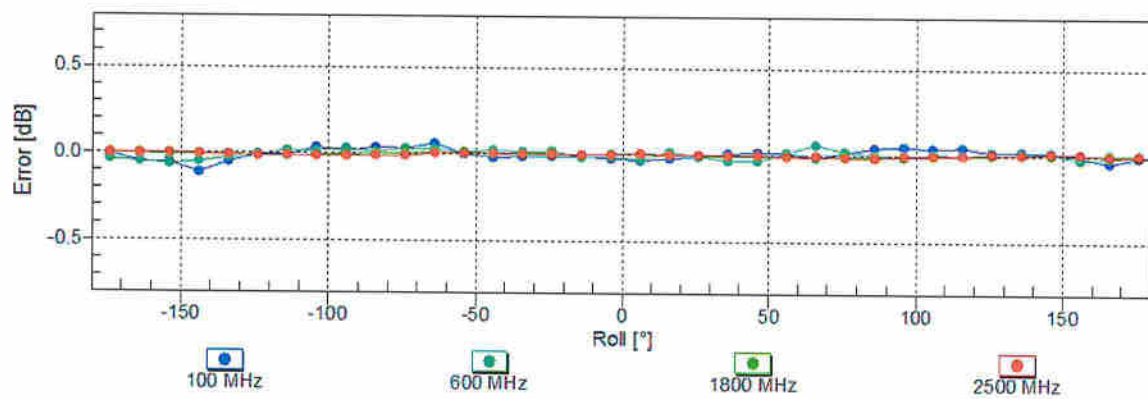
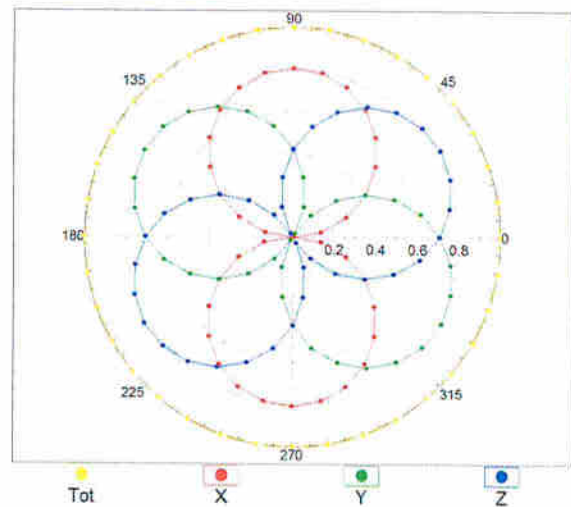
Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ ($k=2$)

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

f=600 MHz,TEM

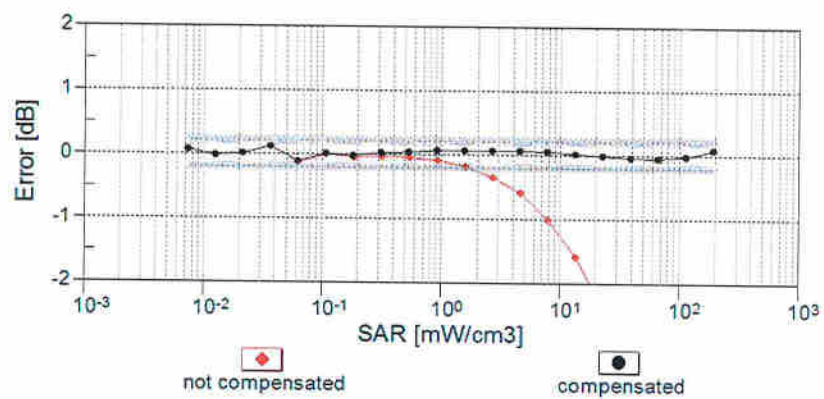
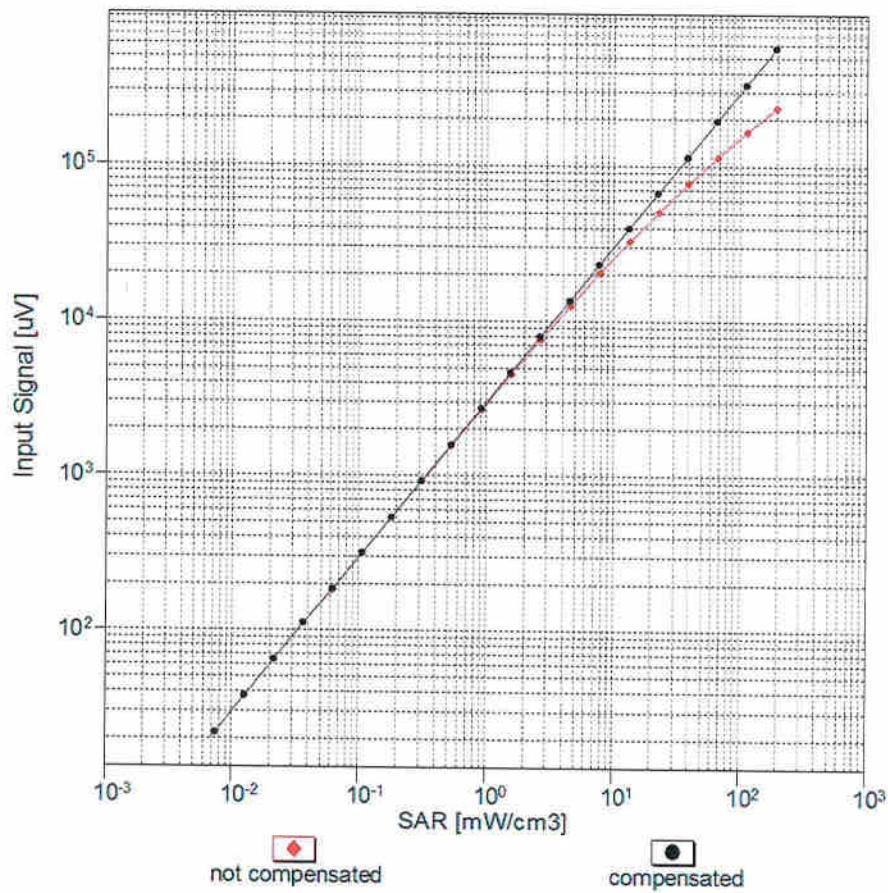


f=1800 MHz,R22



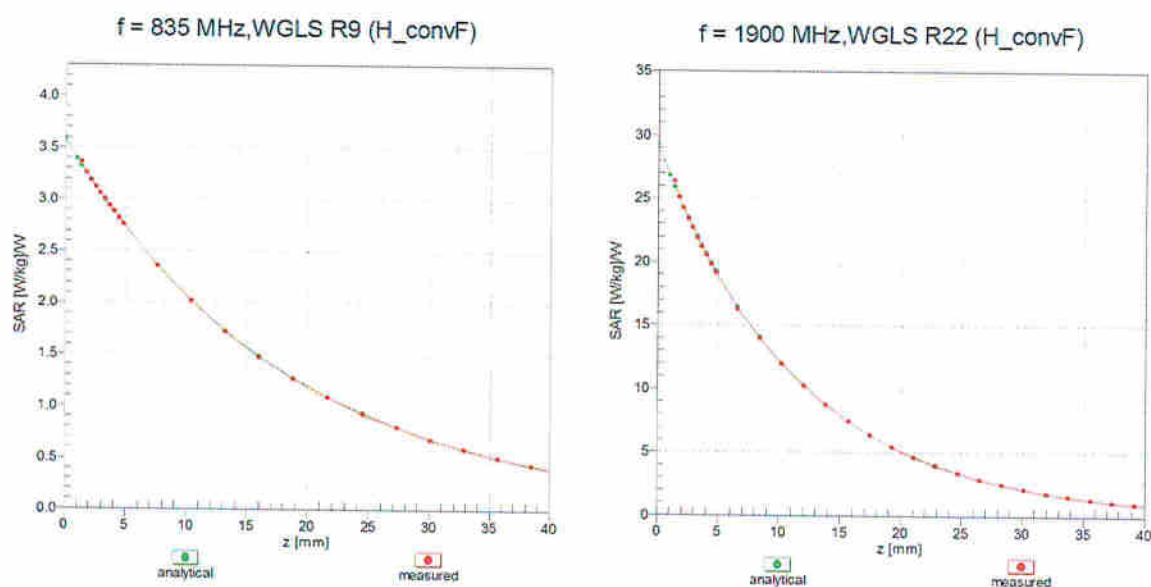
Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ ($k=2$)

Dynamic Range $f(\text{SAR}_{\text{head}})$ (TEM cell, $f_{\text{eval}} = 1900 \text{ MHz}$)



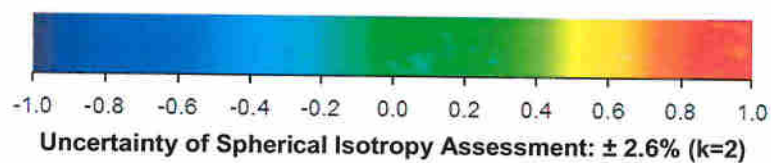
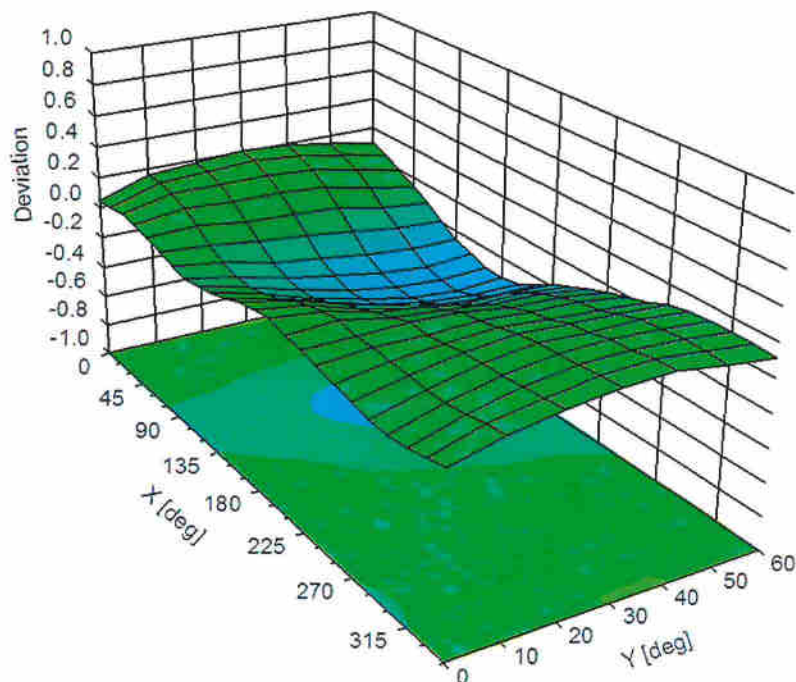
Uncertainty of Linearity Assessment: $\pm 0.6\%$ ($k=2$)

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ), $f = 900 \text{ MHz}$



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. [dBm]	Power Ch./Freq. [dBm]	Power Ch./Freq. [dBm]	Power Ch./Freq. [dBm]	Transmit rate [Mbps]	RBPS [dB]
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.85	22.85	22.85	22.85	24	0
20	QPSK	1	40	22.82	22.82	22.82	22.82	24	0
20	QPSK	1	80	22.82	22.82	22.82	22.82	24	0
20	QPSK	5	0	21.85	21.85	21.85	21.85	23	1
20	QPSK	5	24	21.88	21.88	21.88	21.88	23	1
20	QPSK	5	48	21.81	21.81	21.81	21.81	23	1
20	QPSK	100	0	21.88	21.88	21.88	21.88	22	2
20	QPSK	1	0	21.76	21.76	21.76	21.76	23	1
20	QPSK	1	40	21.83	21.78	21.83	21.78	23	1
20	QPSK	1	80	21.79	21.76	21.79	21.76	23	1
20	QPSK	5	0	20.47	20.36	20.47	20.36	22	2
20	QPSK	5	24	20.56	20.52	20.56	20.52	22	2
20	QPSK	5	48	20.54	20.52	20.54	20.52	22	2
20	QPSK	100	0	20.58	20.58	20.58	20.58	21	3
20	QPSK	100	0	19.48	19.48	19.25	19.25	21	3
20	QPSK	1	0	17.68	17.62	17.48	17.48	19	5
20	QPSK	1	40	17.64	17.62	17.48	17.48	19	5
20	QPSK	1	80	17.54	17.48	17.38	17.38	19	5
20	QPSK	5	0	17.63	17.71	17.63	17.63	19	5
20	QPSK	5	24	17.63	17.63	17.63	17.63	19	5
20	QPSK	5	48	17.41	17.53	17.41	17.41	19	5
20	QPSK	100	0	17.43	17.47	17.43	17.43	19	5
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.44	22.37	22.58	22.58	24	0
15	QPSK	1	40	22.35	22.37	22.58	22.58	24	0
15	QPSK	1	80	22.38	22.38	22.58	22.58	24	0
15	QPSK	5	0	21.51	21.51	21.55	21.55	23	1
15	QPSK	5	24	21.65	21.65	21.55	21.55	23	1
15	QPSK	5	48	21.54	21.63	21.64	21.64	23	1
15	QPSK	100	0	21.58	21.57	21.52	21.52	23	1
15	QPSK	1	0	21.87	21.78	21.81	21.81	23	1
15	QPSK	1	37	21.51	21.79	21.59	21.59	23	1
15	QPSK	1	74	21.42	21.57	21.57	21.57	23	1
15	QPSK	5	0	20.47	20.57	20.57	20.57	22	2
15	QPSK	5	24	20.63	20.58	20.58	20.58	22	2
15	QPSK	5	48	20.53	20.58	20.58	20.58	22	2
15	QPSK	100	0	20.58	20.58	20.57	20.57	21	3
15	QPSK	1	0	20.67	20.77	20.73	20.73	22	2
15	QPSK	1	40	20.63	20.63	20.63	20.63	22	2
15	QPSK	1	80	20.58	20.63	20.63	20.63	22	2
15	QPSK	5	0	19.63	19.67	19.74	19.74	21	3
15	QPSK	5	24	19.58	19.58	19.58	19.58	21	3
15	QPSK	5	48	19.58	19.58	19.58	19.58	21	3
15	QPSK	100	0	19.42	19.42	19.42	19.42	21	3
15	QPSK	1	0	17.45	17.45	17.45	17.45	19	5
15	QPSK	1	37	17.35	17.37	17.47	17.47	19	5
15	QPSK	1	74	17.46	17.46	17.46	17.46	19	5
15	QPSK	5	0	17.38	17.42	17.38	17.38	19	5
15	QPSK	5	24	17.31	17.44	17.35	17.35	19	5
15	QPSK	5	48	17.42	17.42	17.42	17.42	19	5
15	QPSK	100	0	17.32	17.47	17.38	17.38	19	5
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.47	22.35	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	22.49	22.49	24	0
10	QPSK	5	0	21.54	21.54	21.49	21.49	23	1
10	QPSK	5	25	21.58	21.58	21.58	21.58	23	1
10	QPSK	5	50	21.45	21.47	21.49	21.49	23	1
10	QPSK	5	75	21.62	21.57	21.41	21.41	23	1
10	QPSK	1	0	21.82	21.71	21.83	21.83	23	1
10	QPSK	1	25	21.72	21.62	21.64	21.64	23	1
10	QPSK	1	50	21.49	21.49	21.49	21.49	23	1
10	QPSK	5	0	20.47	20.57	20.57	20.57	22	2
10	QPSK	5	25	20.63	20.58	20.58	20.58	22	2
10	QPSK	5	50	20.58	20.58	20.58	20.58	22	2
10	QPSK	100	0	20.58	20.58	20.57	20.57	21	3
10	QPSK	1	0	20.67	20.77	20.73	20.73	22	2
10	QPSK	1	25	20.63	20.63	20.63	20.63	22	2
10	QPSK	1	50	20.58	20.63	20.63	20.63	22	2
10	QPSK	5	0	19.63	19.67	19.74	19.74	21	3
10	QPSK	5	25	19.58	19.58	19.58	19.58	21	3
10	QPSK	5	50	19.58	19.58	19.58	19.58	21	3
10	QPSK	100	0	19.42	19.42	19.42	19.42	21	3
10	QPSK	1	0	17.45	17.45	17.45	17.45	19	5
10	QPSK	1	25	17.35	17.37	17.47	17.47	19	5
10	QPSK	1	50	17.46	17.46	17.46	17.46	19	5
10	QPSK	5	0	17.38	17.42	17.38	17.38	19	5
10	QPSK	5	25	17.31	17.44	17.35	17.35	19	5
10	QPSK	5	50	17.42	17.42	17.42	17.42	19	5
10	QPSK	100	0	17.32	17.47	17.38	17.38	19	5
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.47	22.35	22.54	22.54	24	0
5	QPSK	1	25	22.51	22.51	22.46	22.46	24	0
5	QPSK	1	50	22.38	22.42	22.49	22.49	24	0
5	QPSK	5	0	21.54	21.54	21.49	21.49	23	1
5	QPSK	5	25	21.58	21.58	21.58	21.58	23	1
5	QPSK	5	50	21.45	21.47	21.49	21.49	23	1
5	QPSK	5	75	21.62	21.57	21.41	21.41	23	1
5	QPSK	1	0	21.82	21.71	21.83	21.83	23	1
5	QPSK	1	25	21.72	21.62	21.64	21.64	23	1
5	QPSK	1	50	21.49	21.49	21.49	21.49	23	1
5	QPSK	5	0	20.47	20.57	20.57	20.57	22	2
5	QPSK	5	25	20.63	20.58	20.58	20.58	22	2
5	QPSK	5	50	20.58	20.58	20.58	20.58	22	2
5	QPSK	100	0	20.58	20.58	20.57	20.57	21	3
5	QPSK	1	0	20.67	20.77	20.73	20.73	22	2
5	QPSK	1	25	20.63	20.63	20.63	20.63	22	2
5	QPSK	1	50	20.58	20.63	20.63	20.63	22	2
5	QPSK	5	0	19.63	19.67	19.74	19.74	21	3
5	QPSK	5	25	19.58	19.58	19.58	19.58	21	3
5	QPSK	5	50	19.58	19.58	19.58	19.58	21	3
5	QPSK	100	0	19.42	19.42	19.42	19.42	21	3
5	QPSK	1	0	17.45	17.45	17.45	17.45	19	5
5	QPSK	1	25	17.35	17.37	17.47	17.47	19	5
5	QPSK	1	50	17.46	17.46	17.46	17.46	19	5
5	QPSK	5	0	17.38	17.42	17.38	17.38	19	5
5	QPSK	5	25	17.31	17.44	17.35	17.35	19	5
5	QPSK	5	50	17.42	17.42	17.42	17.42	19	5
5	QPSK	100	0	17.32	17.47	17.38	17.38	19	5
Channel									
Frequency (MHz)									
1	QPSK	1	0	22.47	22.35	22.54	22.54	24	0
1	QPSK	1	25	22.51	22.51	22.46	22.46	24	0
1	QPSK	1	50	22.38	22.42	22.49	22.49	24	0
1	QPSK	5	0	21.54	21.54	21.49	21.49	23	1
1	QPSK	5	25	21.58	21.58	21.58	21.58	23	1
1	QPSK	5	50	21.45	21.47	21.49	21.49	23	1
1	QPSK	5	75	21.62	21.57	21.41	21.41	23	1
1	QPSK	1	0	21.82	21.71	21.83	21.83	23	1
1	QPSK	1	25	21.72	21.62	21.64	21.64	23	1
1	QPSK	1	50	21.49	21.49	21.49	21.49	23	1
1	QPSK	5	0	20.47	20.57	20.57	20.57	22	2
1	QPSK	5	25	20.63	20.58	20.58	20.58	22	2
1	QPSK	5	50	20.58	20.58	20.58	20.58	22	2
1	QPSK	100	0	20.58	20.58	20.57	20.57	21	3
1	QPSK	1	0	20.67	20.77	20.73	20.73	22	2
1	QPSK	1	25	20.63	20.63	20.63	20.63	22	2
1	QPSK	1	50	20.58	20.63	20.63	20.63	22	2
1	QPSK	5	0	19.63	19.67	19.74	19.74	21	3
1	QPSK	5	25	19.58	19.58	19.58	19.58	21	3
1	QPSK	5	50	19.58	19.58	19.58	19.58	21	3
1	QPSK	100	0	19.42	19.42	19.42	19.42	21	3
1	QPSK	1	0	17.45	17.45	17.45	17.45	19	5

Band 2 Ant 2									
Ref ID#	Modulation	RB Size	RB Offset	Power Spectral Density [dBm/MHz]	Power Spectral Density [dBm/MHz]	Power Spectral Density [dBm/MHz]	Time Slot [ms]	MIMO	
Channel 1									
Frequency (MHz)									
20	QPSK	1	0	21.90	18.18	22.08	23	0	
20	QPSK	1	0	21.90	18.18	22.08	23	0	
20	QPSK	1	50	21.78	18.07	21.78			
20	QPSK	50	0	20.97	17.22	20.97			
20	QPSK	100	0	21.08	17.30	21.07			
20	QPSK	50	50	21.61	18.14	21.60			
20	QPSK	100	0	21.04	17.30	21.07			
20	QPSK	100	50	21.04	17.30	21.07			
20	QPSK	1	40	21.49	18.17	21.20			
20	QPSK	1	90	21.49	18.17	21.20			
20	QPSK	1	99	21.49	18.17	21.20			
20	QPSK	50	24	20.13	16.21	20.13			
20	QPSK	100	0	20.13	16.21	20.13			
20	QPSK	100	50	19.99	16.16	19.98			
20	QPSK	1	0	18.82	16.02	18.88			
20	QPSK	1	50	18.82	16.02	18.88			
20	QPSK	1	99	20.14	16.28	19.94			
20	QPSK	50	0	18.85	15.97	18.87			
20	QPSK	100	0	18.81	15.93	18.71			
20	QPSK	100	50	18.81	15.93	18.71			
20	QPSK	1	40	18.76	15.87	18.75			
20	QPSK	1	90	18.84	15.90	18.76			
20	QPSK	1	99	18.84	15.90	18.76			
20	QPSK	50	24	17.00	13.18	16.78			
20	QPSK	100	0	17.00	13.18	16.78			
20	QPSK	100	50	16.71	12.92	16.71			
Channel 2									
Frequency (MHz)									
15	QPSK	1	0	21.73	18.03	21.89	23	0	
15	QPSK	1	37	21.89	18.08	21.71			
15	QPSK	1	74	21.82	18.03	21.77			
15	QPSK	30	0	20.68	16.83	20.74			
15	QPSK	30	0	20.63	16.87	20.61			
15	QPSK	30	50	20.28	16.52	20.28			
15	QPSK	70	0	20.63	16.83	20.61			
15	QPSK	70	0	21.21	17.37	21.19			
15	QPSK	70	50	21.21	17.37	21.19			
15	QPSK	1	74	21.40	18.42	21.24			
15	QPSK	30	50	18.76	14.94	18.72			
15	QPSK	30	70	18.82	15.00	18.80			
15	QPSK	30	99	18.82	15.00	18.80			
15	QPSK	70	0	18.77	14.92	18.71			
15	QPSK	70	50	18.84	15.03	18.83			
15	QPSK	1	37	18.76	14.92	18.80			
15	QPSK	1	74	18.82	15.03	18.80			
15	QPSK	30	0	18.87	15.07	18.78			
15	QPSK	30	50	18.87	15.07	18.78			
15	QPSK	30	70	18.82	15.03	18.80			
15	QPSK	30	99	18.82	15.03	18.80			
15	QPSK	70	0	18.84	15.06	18.79			
Channel 3									
Frequency (MHz)									
10	QPSK	1	0	21.81	18.04	21.87	23	0	
10	QPSK	1	37	21.82	18.03	21.77			
10	QPSK	1	74	21.81	18.04	21.87			
10	QPSK	1	40	21.84	18.17	21.69			
10	QPSK	1	50	21.83	18.16	21.70			
10	QPSK	1	59	21.83	18.16	21.70			
10	QPSK	1	68	21.83	18.16	21.70			
10	QPSK	1	77	21.83	18.16	21.70			
10	QPSK	1	86	21.83	18.16	21.70			
10	QPSK	1	95	21.83	18.16	21.70			
10	QPSK	1	104	21.83	18.16	21.70			
10	QPSK	1	113	21.83	18.16	21.70			
10	QPSK	1	122	21.83	18.16	21.70			
10	QPSK	1	131	21.83	18.16	21.70			
10	QPSK	1	140	21.83	18.16	21.70			
10	QPSK	1	149	21.83	18.16	21.70			
10	QPSK	1	158	21.83	18.16	21.70			
10	QPSK	1	167	21.83	18.16	21.70			
10	QPSK	1	176	21.83	18.16	21.70			
10	QPSK	1	185	21.83	18.16	21.70			
10	QPSK	1	194	21.83	18.16	21.70			
10	QPSK	1	203	21.83	18.16	21.70			
10	QPSK	1	212	21.83	18.16	21.70			
10	QPSK	1	221	21.83	18.16	21.70			
10	QPSK	1	230	21.83	18.16	21.70			
10	QPSK	1	239	21.83	18.16	21.70			
10	QPSK	1	248	21.83	18.16	21.70			
10	QPSK	1	257	21.83	18.16	21.70			
10	QPSK	1	266	21.83	18.16	21.70			
10	QPSK	1	275	21.83	18.16	21.70			
10	QPSK	1	284	21.83	18.16	21.70			
10	QPSK	1	293	21.83	18.16	21.70			
10	QPSK	1	302	21.83	18.16	21.70			
10	QPSK	1	311	21.83	18.16	21.70			
10	QPSK	1	320	21.83	18.16	21.70			
10	QPSK	1	329	21.83	18.16	21.70			
10	QPSK	1	338	21.83	18.16	21.70			
10	QPSK	1	347	21.83	18.16	21.70			
10	QPSK	1	356	21.83	18.16	21.70			
10	QPSK	1	365	21.83	18.16	21.70			
10	QPSK	1	374	21.83	18.16	21.70			
10	QPSK	1	383	21.83	18.16	21.70			
10	QPSK	1	392	21.83	18.16	21.70			
10	QPSK	1	401	21.83	18.16	21.70			
10	QPSK	1	410	21.83	18.16	21.70			
10	QPSK	1	419	21.83	18.16	21.70			
10	QPSK	1	428	21.83	18.16	21.70			
10	QPSK	1	437	21.83	18.16	21.70			
10	QPSK	1	446	21.83	18.16	21.70			
10	QPSK	1	455	21.83	18.16	21.70			
10	QPSK	1	464	21.83	18.16	21.70			
10	QPSK	1	473	21.83	18.16	21.70			
10	QPSK	1	482	21.83	18.16	21.70			
10	QPSK	1	491	21.83	18.16	21.70			
10	QPSK	1	500	21.83	18.16	21.70			
10	QPSK	1	509	21.83	18.16	21.70			
10	QPSK	1	518	21.83	18.16	21.70			
10	QPSK	1	527	21.83	18.16	21.70			
10	QPSK	1	536	21.83	18.16	21.70			
10	QPSK	1	545	21.83	18.16	21.70			
10	QPSK	1	554	21.83	18.16	21.70			
10	QPSK	1	563	21.83	18.16	21.70			
10	QPSK	1	572	21.83	18.16	21.70			
10	QPSK	1	581	21.83	18.16	21.70			
10	QPSK	1	590	21.83	18.16	21.70			
10	QPSK	1	599	21.83	18.16	21.70			
10	QPSK	1	608	21.83	18.16	21.70			
10	QPSK	1	617	21.83	18.16	21.70			
10	QPSK	1	626	21.83	18.16	21.70			
10	QPSK	1	635	21.83	18.16	21.70			
10	QPSK	1	644	21.83	18.16	21.70			
10	QPSK	1	653	21.83	18.16	21.70			
10	QPSK	1	662	21.83	18.16	21.70			
10	QPSK	1	671	21.83	18.16	21.70			
10	QPSK	1	680	21.83	18.16	21.70			
10	QPSK	1	689	21.83	18.16	21.70			
10	QPSK	1	698	21.83	18.16	21.70			
10	QPSK	1	707	21.83	18.16	21.70			
10	QPSK	1	716	21.83	18.16	21.70			
10	QPSK	1	725	21.83	18.16	21.70			
10	QPSK	1	734	21.83	18.16	21.70			
10	QPSK	1	743	21.83	18.16	21.70			
10	QPSK	1	752	21.83	18.16	21.70			
10	QPSK	1	761	21.83	18.16	21.70			
10	QPSK	1	770	21.83	18.16	21.70			
10	QPSK	1	779	21.83	18.16	21.70			
10	QPSK	1	788	21.83	18.16	21.70			
10	QPSK	1	797	21.83	18.16	21.70			
10	QPSK	1	806	21.83	18.16	21.70			
10	QPSK	1	815	21.83	18.16	21.70			
10	QPSK	1	824	21.83	18.16	21.70			
10	QPSK	1	833	21.83	18.16	21.70			
10	QPSK	1	842	21.83	18.16	21.70			
10	QPSK	1	851	21.83	18.16	21.70			
10	QPSK	1	860	21.83	18.16	21.70			
10	QPSK	1	869	21.83	18.16	21.70			
10	QPSK	1	878	21.83	18.16	21.70			
10	QPSK	1	887	21.83	18.16	21.70			
10	QPSK	1	896	21.83	18.16	21.70			
10	QPSK	1	905	21.83	18.16	21.70			
10	QPSK	1	914	21.83	18.16	21.70			
10	QPSK	1	923	21.83	18.16	21.70			
10	QPSK	1	932	21.83	18.16	21.70			
10	QPSK	1	941	21.83	18.16	21.70			
10	QPSK	1	950	21.83	18.16	21.70			
10	QPSK	1	959	21.83	18.16	21.70			
10	QPSK	1	968	21.83	18.16	21.70			
10	QPSK	1	977	21.83	18.16	21.70			
10	QPSK	1	986	21.83	18.16	21.70			
10	QPSK	1	995	21.83	18.16	21.70			
10	QPSK	1	1004	21.83	18.16	21.70			
10	QPSK	1	1013	21.83	18.16	21.70			
10	QPSK	1	1022	21.83	18.16	21.70			
10	QPSK	1	1031	21.83	18.16	21.70			
10	QPSK	1	1040						

Band 2 Ant 3												
SRP ID	Modulation	SRP Size	SRP Ch	Power Ch 1 Ch 2	Power Ch 3 Ch 4	Power Ch 5 Ch 6	Power Ch 7 Ch 8	Power Ch 9 Ch 10	Power Ch 11 Ch 12	Power Ch 13 Ch 14	Power Ch 15 Ch 16	Power Ch 17 Ch 18
Frequency (MHz)												
15	QPSK	1	0	20.28	20.07	20.07	20.08	20.07	20.08	20.07	20.08	20.07
15	QPSK	1	1	20.28	20.07	20.07	20.08	20.07	20.08	20.07	20.08	20.07
15	QPSK	1	2	20.21	20.37	20.37	20.38	20.37	20.38	20.37	20.38	20.37
15	QPSK	50	0	19.50	19.75	19.75	19.82	19.82	19.83	19.75	19.82	19.83
15	QPSK	50	50	19.50	19.86	19.86	19.95	19.95	19.96	19.86	19.95	19.96
15	QPSK	100	0	19.45	19.70	19.70	19.80	19.80	19.81	19.70	19.80	19.81
15	QPSK	100	50	19.45	19.70	19.70	19.80	19.80	19.81	19.70	19.80	19.81
15	QPSK	1	40	19.80	19.71	19.71	19.81	19.81	19.82	19.71	19.81	19.82
15	QPSK	50	0	19.70	19.72	19.72	19.80	19.80	19.81	19.72	19.80	19.81
15	QPSK	50	50	19.41	19.70	19.70	19.75	19.75	19.76	19.70	19.75	19.76
15	QPSK	100	0	18.55	18.70	18.70	18.84	18.84	18.85	18.70	18.84	18.85
15	QPSK	100	50	18.55	18.70	18.70	18.84	18.84	18.85	18.70	18.84	18.85
15	QPSK	100	2	18.57	18.75	18.75	18.84	18.84	18.85	18.75	18.84	18.85
15	QPSK	1	0	18.60	18.10	18.10	18.20	18.20	18.21	18.10	18.20	18.21
15	QPSK	50	0	18.20	18.10	18.10	18.20	18.20	18.21	18.10	18.20	18.21
15	QPSK	1	50	18.24	18.30	18.30	18.75	18.75	18.76	18.30	18.75	18.76
15	QPSK	50	50	17.41	17.84	17.84	17.93	17.93	17.94	17.84	17.93	17.94
15	QPSK	100	0	17.41	17.87	17.87	17.93	17.93	17.94	17.87	17.93	17.94
15	QPSK	50	50	17.82	17.71	17.71	17.83	17.83	17.84	17.71	17.83	17.84
15	QPSK	100	0	17.49	17.70	17.70	17.80	17.80	17.81	17.70	17.80	17.81
15	QPSK	100	50	17.49	17.70	17.70	17.80	17.80	17.81	17.70	17.80	17.81
15	QPSK	1	40	19.43	19.32	19.32	19.46	19.46	19.47	19.32	19.46	19.47
15	QPSK	50	0	19.41	19.30	19.30	19.41	19.41	19.42	19.30	19.41	19.42
15	QPSK	50	50	19.37	19.40	19.40	19.48	19.48	19.49	19.40	19.48	19.49
15	QPSK	100	0	19.37	19.40	19.40	19.48	19.48	19.49	19.40	19.48	19.49
15	QPSK	100	2	19.37	19.40	19.40	19.48	19.48	19.49	19.40	19.48	19.49
15	QPSK	1	0	19.34	19.46	19.46	19.51	19.51	19.52	19.46	19.51	19.52
15	QPSK	50	0	19.34	19.46	19.46	19.51	19.51	19.52	19.46	19.51	19.52
15	QPSK	50	50	19.32	19.38	19.38	19.47	19.47	19.48	19.38	19.47	19.48
15	QPSK	100	0	19.32	19.38	19.38	19.47	19.47	19.48	19.38	19.47	19.48
15	QPSK	100	2	19.32	19.38	19.38	19.47	19.47	19.48	19.38	19.47	19.48
15	QPSK	1	0	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	1	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	2	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	3	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	4	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	5	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	6	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	7	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	8	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	9	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	10	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	11	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	12	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	13	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	14	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	15	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	16	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	17	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	18	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	19	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	20	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	21	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	22	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	23	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	24	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	25	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	26	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	27	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	28	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	29	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	30	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	31	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	32	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	33	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	34	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	35	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	36	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	37	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	38	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	39	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	40	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	41	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	42	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	43	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	44	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	45	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	46	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	47	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	48	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	49	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	50	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	51	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	52	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	53	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	54	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	55	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	56	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	57	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	58	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	59	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	60	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	61	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	62	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	63	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	64	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	65	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	66	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	67	17.27	17.46	17.46	17.62	17.62	17.63	17.46	17.62	17.63
15	QPSK	1	68	17.27	17.46	17.46	17.62	17.				

Band 4 Ant 0												
Ref (MHz)	Modulation	PRB Size	PRB Offset	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
Frequency (MHz)				1500	1502.5	1505	1507.5	1510	1512.5	1515	1517.5	
20	QPSK	1	0	22.87	22.87	22.87	22.87	22.87	22.87	22.87	22.87	22.87
20	QPSK	1	50	22.87	22.87	22.87	22.87	22.87	22.87	22.87	22.87	22.87
20	QPSK	1	90	22.85	22.85	22.85	22.85	22.85	22.85	22.85	22.85	22.85
20	QPSK	1	130	22.85	22.85	22.85	22.85	22.85	22.85	22.85	22.85	22.85
20	QPSK	50	10	21.84	21.81	21.81	21.79	21.79	21.79	21.79	21.79	21.79
20	QPSK	100	0	21.86	21.83	21.83	21.81	21.81	21.81	21.81	21.81	21.81
20	QPSK	150	50	21.83	21.80	21.80	21.78	21.78	21.78	21.78	21.78	21.78
20	QPSK	1	40	22.29	22.29	22.29	22.29	22.29	22.29	22.29	22.29	22.29
20	QPSK	1	80	22.29	22.29	22.29	22.29	22.29	22.29	22.29	22.29	22.29
20	QPSK	50	20	20.37	20.38	20.38	20.35	20.35	20.35	20.35	20.35	20.35
20	QPSK	100	0	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39
20	QPSK	150	50	21.08	20.99	20.99	20.90	20.90	20.90	20.90	20.90	20.90
20	QPSK	1	0	20.77	20.82	20.82	20.82	20.82	20.82	20.82	20.82	20.82
20	QPSK	1	50	20.77	20.82	20.82	20.82	20.82	20.82	20.82	20.82	20.82
20	QPSK	1	90	20.30	20.30	20.30	20.28	20.28	20.28	20.28	20.28	20.28
20	QPSK	50	10	19.79	19.70	19.70	19.68	19.68	19.68	19.68	19.68	19.68
20	QPSK	100	0	19.82	19.78	19.78	19.75	19.75	19.75	19.75	19.75	19.75
20	QPSK	150	50	20.58	20.50	20.50	20.40	20.40	20.40	20.40	20.40	20.40
20	QPSK	1	40	19.82	19.78	19.78	19.75	19.75	19.75	19.75	19.75	19.75
20	QPSK	1	80	19.78	19.77	19.77	19.75	19.75	19.75	19.75	19.75	19.75
20	QPSK	50	20	17.76	17.77	17.77	17.75	17.75	17.75	17.75	17.75	17.75
20	QPSK	100	0	17.76	17.75	17.75	17.75	17.75	17.75	17.75	17.75	17.75
20	QPSK	150	50	19.33	19.30	19.30	19.25	19.25	19.25	19.25	19.25	19.25
20	QPSK	1	40	17.82	17.80	17.80	17.78	17.78	17.78	17.78	17.78	17.78
20	QPSK	1	80	17.78	17.78	17.78	17.75	17.75	17.75	17.75	17.75	17.75
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.51	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	80	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	50	20	17.51	17.51	17.51	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	100	0	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	150	50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50
20	QPSK	1	40	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50

Band 4 Ant 6																		
SR (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Time-use (sec)	Ant (dB)	Ant (dB)	Ant (dB)	Ant (dB)	Ant (dB)						
Channel																		
Frequency (MHz)																		
20	QPSK	1	0	22.85	22.84	22.85	24	0										
20	QPSK	1	40	22.87	22.87	22.87												
20	QPSK	1	80	22.86	22.78	22.86												
20	QPSK	1	120	22.85	22.69	22.85												
20	QPSK	10	24	21.75	21.62	21.74												
20	QPSK	50	50	21.62	21.60	21.60	23	1										
20	QPSK	50	0	21.62	21.60	21.60												
20	QPSK	50	5	21.62	21.60	21.60												
20	QPSK	1	0	21.61	21.60	21.75												
20	QPSK	1	40	21.60	21.60	21.60												
20	QPSK	50	50	20.64	20.59	20.64	22	2										
20	QPSK	50	0	20.64	20.59	20.64												
20	QPSK	50	50	20.64	20.59	20.64												
20	QPSK	1	40	20.67	20.60	20.67												
20	QPSK	1	80	20.66	20.70	20.66												
20	QPSK	50	0	19.60	19.74	19.75	21	3										
20	QPSK	50	24	19.73	20.00	19.77												
20	QPSK	50	50	19.69	19.84	19.82												
20	QPSK	50	0	19.63	19.70	19.69												
20	QPSK	1	0	17.70	18.00	17.74												
20	QPSK	50	40	17.80	17.77	17.80	19	5										
20	QPSK	50	80	17.80	17.77	17.80												
20	QPSK	50	0	17.81	17.78	17.80												
20	QPSK	50	24	17.80	17.82	17.80												
20	QPSK	50	50	17.80	17.84	17.80												
20	QPSK	100	0	17.83	17.75	17.86	Time-use (sec)	Ant (dB)	Ant (dB)	Ant (dB)	Ant (dB)	Ant (dB)						
Channel																		
Frequency (MHz)																		
15	QPSK	1	0	22.88	22.87	22.85	24	0										
15	QPSK	1	40	22.88	22.87	22.85												
15	QPSK	1	80	22.88	22.85	22.85												
15	QPSK	1	120	22.72	22.70	22.69												
15	QPSK	50	0	21.60	21.64	21.64												
15	QPSK	50	24	21.70	21.60	21.67	23	1										
15	QPSK	50	39	21.74	21.62	21.75												
15	QPSK	75	0	21.63	21.61	21.75												
15	QPSK	75	0	21.67	21.60	21.69												
15	QPSK	1	37	21.74	21.70	21.63												
15	QPSK	75	74	21.72	21.68	21.60	22	2										
15	QPSK	35	0	20.61	20.59	20.75												
15	QPSK	35	20	20.68	20.70	20.66												
15	QPSK	35	10	20.69	20.70	20.66												
15	QPSK	75	0	20.57	20.60	20.70												
15	QPSK	1	0	20.43	20.60	20.60	21	3										
15	QPSK	1	37	20.71	20.60	20.60												
15	QPSK	1	74	20.61	20.59	20.70												
15	QPSK	35	0	20.60	19.84	19.87												
15	QPSK	35	20	20.60	19.84	19.87												
15	QPSK	75	0	17.67	17.70	17.68	19	5										
15	QPSK	75	0	17.67	17.70	17.68												
15	QPSK	1	37	17.81	17.80	17.77												
15	QPSK	1	74	17.80	17.80	17.77												
15	QPSK	35	0	17.70	17.62	17.67												
15	QPSK	35	20	17.66	17.69	17.69	19	5										
15	QPSK	35	10	17.66	17.69	17.69												
15	QPSK	75	0	17.60	17.78	17.74												
15	QPSK	75	0	17.60	17.78	17.74												
15	QPSK	75	0	17.60	17.78	17.74												
Channel																		
Frequency (MHz)																		
10	QPSK	1	0	22.47	22.67	22.66	24	0										
10	QPSK	1	25	22.70	22.62	22.60												
10	QPSK	1	50	22.68	22.61	22.60												
10	QPSK	25	0	21.77	22.01	21.84												
10	QPSK	25	10	21.85	21.84	21.82												
10	QPSK	50	0	21.75	21.75	21.69	23	1										
10	QPSK	50	0	21.64	21.68	21.76												
10	QPSK	50	0	21.56	21.68	21.76												
10	QPSK	50	0	21.56	21.68	21.76												
10	QPSK	50	0	21.56	21.68	21.76												
10	QPSK	1	49	21.74	21.68	21.76	23	1										
10	QPSK	1	80	21.70	21.68	21.76												
10	QPSK	1	120	20.79	20.67	20.69												
10	QPSK	25	0	20.62	20.60	20.77												
10	QPSK	25	0	20.68	20.60	20.67												
10	QPSK	1	0	20.52	20.69	20.77	22	2										
10	QPSK	1	25	20.67	20.67	20.67												
10	QPSK	1	50	20.67	20.69	20.69												
10	QPSK	25	0	19.60	19.61	19.70												
10	QPSK	25	10	19.70	19.65	19.70												
10	QPSK	50	0	19.60	19.74	19.75	21	3										
10	QPSK	50	0	19.60	19.74	19.75												
10	QPSK	50	0	19.60	19.74	19.75												
10	QPSK	50	0	19.60	19.74	19.75												
10	QPSK	50	0	19.60	19.74	19.75												
10	QPSK	1	25	17.77	17.70	17.77	19	5										
10	QPSK	1	49	17.68	17.68	17.69												
10	QPSK	1	74	17.68	17.68	17.69												
10	QPSK	25	12	17.65	17.64	17.66												
10	QPSK	25	12	17.65	17.64	17.66												
10	QPSK	25	25	17.65	17.74	17.66	19	5										
10	QPSK	25	25	17.65	17.74	17.66												
10	QPSK	25	25	17.65	17.74	17.66												
10	QPSK	25	25	17.65	17.74	17.66												
10	QPSK	25	25	17.65	17.74	17.66												
Channel																		
Frequency (MHz)																		
5	QPSK	1	0	22.42	22.62	22.67	24	0										
5	QPSK	1	12	22.80	22.75	22.77												
5	QPSK	1	25	22.80	22.75	22.77	23	1										
5	QPSK	1	50	22.72	22.60	21.75												
5	QPSK	12	7	21.68	21.80	21.82	23	1										
5	QPSK	12	7	21.68	21.80	21.82												
5	QPSK	12	7	21.68	21.80	21.82												
5	QPSK	12	7	21.68	21.80	21.82												
5	QPSK	12	7	21.68	21.80	21.82												
5	QPSK	1	24	21.62	21.53	21.63	23	1										
5	QPSK	12	0	20.64	20.60	20.67												
5	QPSK	12	0	20.64	20.60	20.67												
5	QPSK	12	0	20.64	20.60	20.67												
5	QPSK	12	0	20.64	20.60	20.67												
5	QPSK	12	13	20.60	20.64	20.65	22	2										
5	QPSK	25	0	20.60	20.63	20.65												
5	QPSK	25	0	20.60	20.63	20.65												
5	QPSK	25	0	20.60	20.63	20.65												
5	QPSK	25	0	20.60	20.63	20.65												
5	QPSK	1	12	20.56	20.63	20.63	22	2										
5	QPSK	12	7	20.56	20.63	20.63												
5	QPSK	12	7	20.56	20.63	20.63												
5	QPSK	12	7	20.56	20.63	20.63												
5	QPSK	12	7	20.56	20.63	20.63												
5	QPSK	12	7	19.71	19.69	19.72	21	3										
5	QPSK	12	7	19.71	19.69	19.72												
5	QPSK	12	7	19.71	19.69	19.72												
5	QPSK	12	7	19.71	19.69	19.72												
5	QPSK	12	7	19.71	19.69	19.72												
5	QPSK	1	0	19.62	19.64	19.71	19	5										
5	QPSK	1	25	17.65	17.68	17.63												
5	QPSK	1	50	17.64	17.67	17.68												
5	QPSK	1	24	17.62	17.63	17.74												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	12	0	17.60	17.60	17.60	19	5										
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	1	0	17.68	17.69	17.74	19	5										
5	QPSK	1	25	17.67	17.70	17.70												
5	QPSK	1	50	17.67	17.70	17.70												
5	QPSK	1	24	17.62	17.63	17.74												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	1	0	17.64	17.68	17.68	19	5										
5	QPSK	1	25	17.68	17.70	17.70												
5	QPSK	1	50	17.68	17.70	17.70												
5	QPSK	1	24	17.62	17.63	17.74												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	1	0	17.68	17.69	17.74	19	5										
5	QPSK	1	25	17.67	17.70	17.70												
5	QPSK	1	50	17.67	17.70	17.70												
5	QPSK	1	24	17.62	17.63	17.74												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	1	0	17.64	17.68	17.68	19	5										
5	QPSK	1	25	17.68	17.70	17.70												
5	QPSK	1	50	17.68	17.70	17.70												
5	QPSK	1	24	17.62	17.63	17.74												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	1	0	17.68	17.69	17.74	19	5										
5	QPSK	1	25	17.67	17.70	17.70												
5	QPSK	1	50	17.67	17.70	17.70												
5	QPSK	1	24	17.62	17.63	17.74												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	1	0	17.64	17.68	17.68	19	5										
5	QPSK	1	25	17.68	17.70	17.70												
5	QPSK	1	50	17.68	17.70	17.70												
5	QPSK	1	24	17.62	17.63	17.74												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	1	0	17.68	17.69	17.74	19	5										
5	QPSK	1	25	17.67	17.70	17.70												
5	QPSK	1	50	17.67	17.70	17.70												
5	QPSK	1	24	17.62	17.63	17.74												
5	QPSK	12	0	17.60	17.60	17.60												
5	QPSK	1	0	17.64	17.68	17.68	19	5										
5	QPSK	1	25	17.68	17.70	17.70												
5	QPSK	1	50	17.68	17.70	17.70												
5	QPSK	1	24	17.62	17.63</													

Band 4 Ant 3																				
RF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Time-to-Settling (ms)	APRS (dB)												
Channel																				
Frequency (MHz)																				
20	QPSK	1	0	21.09	21.09	21.06	22	0												
20	QPSK	1	49	20.97	21.13	20.97														
20	QPSK	1	99	20.99	21.17	21.07	21	1												
20	QPSK	50	0	20.10	20.23	20.28														
20	QPSK	100	0	20.10	20.19	20.20	20	2												
20	QPSK	50	50	20.06	20.21	20.26														
20	QPSK	1	0	19.96	20.00	19.96	21	1												
20	QPSK	1	49	20.36	20.26	20.26														
20	QPSK	1	99	20.32	20.41	20.47	20	2												
20	QPSK	50	0	19.93	19.93	19.93														
20	QPSK	50	24	19.10	19.22	19.27	20	2												
20	QPSK	100	0	19.10	19.22	19.27														
20	QPSK	100	0	19.09	19.20	19.24	19	3												
20	QPSK	1	0	18.96	18.74	18.58														
20	QPSK	1	99	18.96	18.97	18.97	20	2												
20	QPSK	1	149	18.96	19.01	18.97														
20	QPSK	50	0	18.64	18.18	18.55	19	3												
20	QPSK	50	50	18.64	18.18	18.55														
20	QPSK	100	0	18.64	18.18	18.55	17	5												
20	QPSK	1	0	15.96	16.05	16.06														
20	QPSK	1	49	15.95	16.00	16.04	17	5												
20	QPSK	1	99	15.98	16.08	16.07														
20	QPSK	50	0	15.97	16.07	16.07	17	5												
20	QPSK	50	24	16.16	16.07	16.11														
20	QPSK	100	0	16.07	16.12	16.12	17	5												
20	QPSK	100	0	15.94	16.22	16.05														
Channel																				
Frequency (MHz)																				
15	QPSK	1	0	20.80	20.80	20.80	22	0												
15	QPSK	1	37	20.82	20.73	20.87														
15	QPSK	1	74	20.89	20.87	20.86	21	1												
15	QPSK	36	0	19.86	20.00	19.88														
15	QPSK	36	20	19.81	19.86	19.86	21	1												
15	QPSK	50	0	19.74	20.10	19.79														
15	QPSK	50	0	19.70	19.84	19.89	21	1												
15	QPSK	1	0	20.29	20.32	20.21														
15	QPSK	1	37	20.11	20.20	20.09	21	1												
15	QPSK	74	0	20.07	20.22	20.09														
15	QPSK	36	0	19.71	19.82	19.76	20	2												
15	QPSK	36	20	19.86	19.17	18.97														
15	QPSK	36	40	19.86	19.17	18.97	20	2												
15	QPSK	70	0	18.96	19.07	18.97														
15	QPSK	1	0	18.46	18.43	18.35	20	2												
15	QPSK	1	37	18.36	18.50	18.45														
15	QPSK	1	74	18.48	18.54	18.47	19	3												
15	QPSK	36	0	17.95	18.04	17.92														
15	QPSK	36	20	17.73	18.08	17.72	19	3												
15	QPSK	36	50	17.75	18.07	17.89														
15	QPSK	70	0	17.99	18.07	17.99	19	3												
15	QPSK	1	0	15.91	15.94	15.91														
15	QPSK	1	37	15.87	15.91	15.86	17	5												
15	QPSK	1	74	15.91	15.96	15.94														
15	QPSK	36	0	15.97	16.09	16.11	17	5												
15	QPSK	36	20	16.12	15.87	16.12														
15	QPSK	36	50	15.87	16.09	16.12	17	5												
15	QPSK	70	0	15.79	16.11	16.19														
15	QPSK	70	0	15.79	16.11	16.19	Time-to-Settling (ms)													
Channel																				
Frequency (MHz)																				
10	QPSK	1	0	20.90	20.88	20.89	22	0												
10	QPSK	1	25	20.88	20.79	20.85														
10	QPSK	1	49	20.73	21.02	20.71	21	1												
10	QPSK	20	0	19.85	20.11	19.76														
10	QPSK	24	10	19.75	19.94	19.80	23	1												
10	QPSK	50	0	19.74	20.11	19.79														
10	QPSK	50	0	19.84	19.93	19.96	21	1												
10	QPSK	1	0	20.25	20.43	20.37														
10	QPSK	1	25	20.24	20.45	20.37	21	1												
10	QPSK	1	49	20.18	20.45	20.35														
10	QPSK	1	99	19.98	20.06	19.98	20	2												
10	QPSK	20	12	19.98	19.71	19.89														
10	QPSK	20	25	19.78	19.97	19.84	20	2												
10	QPSK	50	0	19.83	19.92	19.92														
10	QPSK	1	0	18.29	18.49	18.47	20	2												
10	QPSK	1	25	18.18	18.43	18.32														
10	QPSK	1	49	18.57	18.50	18.48	19	3												
10	QPSK	20	0	17.80	17.87	17.89														
10	QPSK	20	12	17.77	17.84	17.82	19	3												
10	QPSK	20	25	17.80	17.85	17.88														
10	QPSK	50	0	17.80	18.10	17.94	17	5												
10	QPSK	1	0	16.01	16.01	16.01														
10	QPSK	1	25	15.94	15.96	15.96	17	5												
10	QPSK	1	49	15.90	16.02	16.09														
10	QPSK	1	99	15.90	16.02	16.09	17	5												
10	QPSK	20	12	16.04	15.98	16.02														
10	QPSK	20	25	15.94	16.00	15.94	17	5												
10	QPSK	50	0	15.92	16.10	16.08														
10	QPSK	50	0	15.92	16.10	16.08	Time-to-Settling (ms)													
Channel																				
Frequency (MHz)																				
5	QPSK	1	0	20.79	20.80	20.80	22	0												
5	QPSK	1	12	20.80	20.88	20.46														
5	QPSK	1	24	20.88	20.81	20.77	21	1												
5	QPSK	5	0	19.99	19.99	19.77														
5	QPSK	10	7	19.92	20.09	19.98	21	1												
5	QPSK	10	13	19.91	20.12	19.83														
5	QPSK	5	0	19.86	19.95	19.81	21	1												
5	QPSK	1	0	20.26	20.43	20.35														
5	QPSK	1	12	20.27	20.44	20.35	20	2												
5	QPSK	1	24	20.03	20.20	20.09														
5	QPSK	12	0	19.83	19.14	18.94	20	2												

Band 13 Ant 0												
Set (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Max Ch./Freq.	Power High Ch./Freq.	Time-up (ms)	Margin (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.52	22.52	22.52	24	0				
10	QPSK	1	20	22.19	22.19	22.19						
10	QPSK	1	40	22.27	22.27	22.27						
10	QPSK	20	0	22.61	22.61	22.61	23	1				
10	QPSK	20	12	22.39	22.39	22.39						
10	QPSK	20	20	22.28	22.28	22.28						
10	QPSK	30	0	22.61	22.61	22.61	23	1				
10	QPSK	30	10	22.49	22.49	22.49						
10	QPSK	30	20	22.61	22.61	22.61						
10	QPSK	40	0	22.52	22.52	22.52	22	2				
10	QPSK	40	10	22.39	22.39	22.39						
10	QPSK	40	20	21.20	21.20	21.20						
10	QPSK	50	0	21.20	21.20	21.20	22	2				
10	QPSK	50	10	21.08	21.08	21.08						
10	QPSK	50	20	20.95	20.95	20.95						
10	QPSK	60	0	20.95	20.95	20.95	21	3				
10	QPSK	60	10	20.82	20.82	20.82						
10	QPSK	60	20	20.69	20.69	20.69						
10	QPSK	70	0	18.20	18.20	18.20	19	5				
10	QPSK	70	10	18.11	18.11	18.11						
10	QPSK	70	20	18.02	18.02	18.02						
10	QPSK	80	0	18.02	18.02	18.02	19	5				
10	QPSK	80	10	17.93	17.93	17.93						
10	QPSK	80	20	17.84	17.84	17.84						
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.27	23.28	23.28	24	0				
5	QPSK	1	10	23.31	23.40	23.28						
5	QPSK	1	20	23.43	23.40	23.40						
5	QPSK	12	0	22.37	22.43	22.37	23	1				
5	QPSK	12	7	22.38	22.40	22.38						
5	QPSK	12	13	22.40	22.38	22.38						
5	QPSK	20	0	22.44	22.38	22.38	23	1				
5	QPSK	20	10	22.38	22.41	22.38						
5	QPSK	20	12	22.40	22.42	22.40						
5	QPSK	24	0	22.37	22.42	22.38	22	2				
5	QPSK	24	6	21.40	21.42	21.42						
5	QPSK	24	13	21.38	21.43	21.40						
5	QPSK	30	0	21.57	21.40	21.40	22	2				
5	QPSK	30	10	21.52	21.39	21.39						
5	QPSK	30	13	21.52	21.39	21.39						
5	QPSK	36	0	21.52	21.39	21.39	21	3				
5	QPSK	36	10	21.52	21.39	21.39						
5	QPSK	36	13	21.52	21.39	21.39						
5	QPSK	40	0	20.49	20.53	20.49	19	5				
5	QPSK	40	7	20.52	20.50	20.50						
5	QPSK	40	12	20.52	20.50	20.50						
5	QPSK	50	0	19.27	19.28	19.28	19	5				
5	QPSK	50	10	19.25	19.28	19.28						
5	QPSK	50	12	19.25	19.28	19.28						
5	QPSK	60	0	18.20	18.20	18.20	19	5				
5	QPSK	60	10	18.10	18.20	18.20						
5	QPSK	60	12	18.10	18.20	18.20						

Band 13 Ant 1												
Set (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Max Ch./Freq.	Power High Ch./Freq.	Time-up (ms)	Margin (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.52	22.52	22.52	24	0				
10	QPSK	1	20	22.19	22.19	22.19						
10	QPSK	1	40	22.27	22.27	22.27						
10	QPSK	20	0	22.61	22.61	22.61	23	1				
10	QPSK	20	12	22.39	22.39	22.39						
10	QPSK	20	20	22.28	22.28	22.28						
10	QPSK	30	0	22.61	22.61	22.61	23	1				
10	QPSK	30	10	22.49	22.49	22.49						
10	QPSK	30	20	22.61	22.61	22.61						
10	QPSK	40	0	22.52	22.52	22.52	22	2				
10	QPSK	40	10	22.39	22.39	22.39						
10	QPSK	40	20	21.20	21.20	21.20						
10	QPSK	50	0	21.20	21.20	21.20	22	2				
10	QPSK	50	10	21.08	21.08	21.08						
10	QPSK	50	20	20.95	20.95	20.95						
10	QPSK	60	0	20.95	20.95	20.95	21	3				
10	QPSK	60	10	20.82	20.82	20.82						
10	QPSK	60	20	20.69	20.69	20.69						
10	QPSK	70	0	18.20	18.20	18.20	19	5				
10	QPSK	70	10	18.11	18.11	18.11						
10	QPSK	70	20	18.02	18.02	18.02						
10	QPSK	80	0	18.02	18.02	18.02	19	5				
10	QPSK	80	10	17.93	17.93	17.93						
10	QPSK	80	20	17.84	17.84	17.84						
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.25	23.25	23.25	24	0				
5	QPSK	1	12	23.26	23.16	23.16						
5	QPSK	1	24	23.23	23.26	23.16						
5	QPSK	12	0	22.28	22.33	22.40	23	1				
5	QPSK	12	7	22.43	22.43	22.40						
5	QPSK	12	13	22.04	22.47	22.43						
5	QPSK	20	0	22.37	22.38	22.33	23	1				
5	QPSK	20	10	22.44	22.41	22.40						
5	QPSK	20	12	22.42	22.44	22.38						
5	QPSK	24	0	22.38	22.41	22.43	22	2				
5	QPSK	24	6	21.35	21.44	21.40						
5	QPSK	24	13	21.38	21.37	21.40						
5	QPSK	30	0	21.48	21.46	21.42	22	2				
5	QPSK	30	10	21.34	21.36	21.43						
5	QPSK	30	12	21.44	21.47	21.43						
5	QPSK	36	0	21.43	21.44	21.41	21	3				
5	QPSK	36	10	20.28	20.50	20.13						
5	QPSK	36	12	20.30	20.50	20.30						
5	QPSK	40	0	20.18	20.22	20.12	19	5				
5	QPSK	40	7	19.25	19.28	19.28						
5	QPSK	40	12	19.25	19.28	19.28						
5	QPSK	50	0	18.10	18.10	18.10	19	5				
5	QPSK	50	10	17.98	17.99	17.99						
5	QPSK	50	12	17.81	17.92	17.83						
5	QPSK	60	0	17.86	17.86	17.86	19	5				
5	QPSK	60	10	17.86	17.86	17.86						
5	QPSK	60	12	17.86	17.86	17.86						

Band 66 Ant 0									
Set (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Max Ch./Freq.	Power High Ch./Freq.	Time-up (ms)	Margin (dB)	
Channel									
Frequency (MHz)				1745	1745	1745			
20	QPSK	1	0	22.13	22.13	22.13	24	0	
20	QPSK	1	40	22.08	22.07	22.07			
20	QPSK	1	80	22.09	22.00	22.07			
20	QPSK	20	0	22.05	22.10	22.12	23	1	
20	QPSK	20	24	21.88	21.85	21.88			
20	QPSK	20	50	21.99	21.84	21.84			
20	QPSK	30	0	21.84	21.85	21.85	23	1	
20	QPSK	30	10	21.22	21.27	21.27			
20	QPSK	30	20	21.22	21.27	21.27			
20	QPSK	40	0	21.12	21.17	21.18	22	2	
20	QPSK	40	24	21.04	20.79	20.50			
20	QPSK	40	48	21.03	20.74	20.45			
20	QPSK	120	0	21.03	21.11	21.10	20	3	
20	QPSK	120	24	21.23	21.21	20.80			
20	QPSK	120	48	21.07	21.07	20.67			
20	QPSK	1	0	20.58	20.58	20.58	23	1	
20	QPSK	1	40	20.53	20.16	20.16			
20	QPSK	1	80	20.16	20.16	20.16			
20	QPSK	20	0	20.00	20.00	20.00	19	5	
20	QPSK	20	24	19.82	19.82	19.82			
20	QPSK	20	48	19.78	19.79	19.77			
20	QPSK	30	0	19.68	19.71	19.68	19	5	
20	QPSK	30	10	19.38	19.18	19.33			
20	QPSK	30	20	19.34	19.28	19.27			
20	QPSK	40	0	19.28	19.40	19.43	19	5	
20	QPSK	40	24	19.46	19.41	19.41			
20	QPSK	40	48	19.46	19.44	19.44			
Channel				19322	19322	19322	Time-up (ms)	Margin (dB)	
Frequency (MHz)				1745	1745	1745			
15	QPSK	1	0	22.03	22.03	22.03	24	0	
15	QPSK	1	40	22.08	22.08	22.07			
15	QPSK	1	80	22.06	22.05	22.07			
15	QPSK	20	0	21.88	21.84	21.88	23	1	
15	QPSK	20	24	21.77	21.84	21.86			
15	QPSK	20	48	21.82	21.77	21.77			
15	QPSK	30	0	21.81	21.81	21.78	23	1	
15	QPSK	30	10	20.91	20.94	21.00			
15	QPSK	30	20	21.16	21.11	21.11			
15	QPSK	40	0	20.88	20.93	20.93	22	2	
15	QPSK	40	24	20.91	20.95	20.95			
15	QPSK	40	48	20.72	20.89	20.87			
15	QPSK	120	0	20.82	20.82	20.80	22	2	
15	QPSK	120	24	20.93	20.93	20.93			
15	QPSK	120	48	21.05	21.03	20.92			
15	QPSK	1	0	20.04	20.04	20.04	21	3	
15	QPSK	1	40	20.20	20.07	19.73			
15	QPSK	1	80	19.86	19.86	19.86			
15	QPSK	20	0	19.82	19.78	19.78	19	5	
15	QPSK	20	24	19.82	19.80	19.80			
15	QPSK	20	48	19.82	19.80	19.80			
15	QPSK	30	0	19.80	19.80	19.77	19	5	
15	QPSK	30	10	19.78	19.83	19.78			
15	QPSK	30	20	19.83	19.83	19.83			
Channel				19322	19322	19322	Time-up (ms)	Margin (dB)	
Frequency (MHz)				1745	1745	1745			
10	QPSK	1	0	22.06	22.06	22.07	24	0	
10	QPSK	1	40	22.07	22.07	22.07			
10	QPSK	1	80	22.07	22.07	22.07			
10	QPSK	20	0	21.86	21.84	21.88	23	1	
10	QPSK	20	24	21.83	21.83	21.83			
10	QPSK	20	48	21.83	21.83	21.83			
10	QPSK	30	0	21.80	21.80	21.78	23	1	
10	QPSK	30	10	21.85	21.87	21.78			
10	QPSK	30	20	21.85	21.85	21.85			
10	QPSK	40	0	20.85	20.91	20.70	22	2	
10	QPSK	40	24	20.83	20.79	20.65			
10	QPSK	40	48	20.79	20.79	20.79			
10	QPSK	120	0	20.94	20.94	20.72	22	2	
10	QPSK	120	24	21.00	21.00	20.65			
10	QPSK	120	48	20.84	20.87	20.87			
10	QPSK	1	0	20.03	20.00	20.78	21	3	
10	QPSK	1	40	20.03	20.00	20.78			
10	QPSK	1	80	20.03	20.00	20.78			
10	QPSK	20	0	19.98	19.98	19.98	21	3	
10	QPSK	20	24	20.00	19.95	19.95			
10	QPSK	20	48	20.00	19.95	19.95			
10	QPSK	30	0	19.80	19.80	19.78	21	3	
10	QPSK	30	10	19.79	19.79	19.78			
10	QPSK	30	20	19.79	19.79	19.78			
10	QPSK	40	0	19.83	19.83	19.83	21	3	
10	QPSK	40	24	19.83	19.83	19.83			
10	QPSK	40	48	19.83	19.83	19.83			
10	QPSK	120	0	19.82	19.77	19.61	19	5	
10	QPSK	120	24	19.82	19.77	19.61			
10	QPSK	120	48	19.82	19.77	19.61			
Channel				19322	19322	19322	Time-up (ms)	Margin (dB)	
Frequency (MHz)				1745	1745	1745			
5	QPSK	1	0	22.12	22.12	22.12	24	0	
5	QPSK	1	40	22.03	22.08	22.08			
5	QPSK	1	80	22.08	22.08	22.08			
5	QPSK	20	0	21.86	21.86	21.86	23	1	
5	QPSK	20	24	21.82	21.70	21.70			
5	QPSK	20	48	21.82	21.71	21.71			
5	QPSK	30	0	21.82	21.82	21.82	23	1	
5	QPSK	30	10	21.82	21.82	21.82			
5	QPSK	30	20	21.82	21.82	21.82			
5	QPSK	40	0	21.74	21.72	21.70	22	2	
5	QPSK	40	24	21.74	21.72	21.70			
5	QPSK	40	48	21.74	21.72	21.70			
5	QPSK	120	0	21.85	21.85	21.85	22	2	
5	QPSK	120	24	21.85	21.85	21.85			
5	QPSK	120	48	21.85	21.85	21.85			
5	QPSK	1	0	20.04	20.04	20.04	21	3	
5	QPSK	1	40	20.04	19.95	19.95			
5	QPSK	1	80	19.95	19.95	19.95			
5	QPSK	20	0	19.95	19.95	19.95	21	3	
5	QPSK	20	24	19.95	19.95	19.95			
5	QPSK	20	48	19.95	19.95	19.95			
5	QPSK	30	0	19.95	19.95	19.95	21	3	
5	QPSK	30	10	19.95	19.95	19.95			
5	QPSK	30	20	19.95	19.95	19.95			
5	QPSK	40	0	19.95	19.95	19.95	21	3	
5	QPSK	40	24	19.95	19.95	19.95			
5	QPSK	40	48	19.95	19.95	19.95			
5	QPSK	120	0	19.95	19.95	19.95	21	3	
5	QPSK	120	24	19.95	19.95	19.95			
5	QPSK	120	48	19.95	19.95	19.95			
5	QPSK	1	0	19.95	19.95	19.95	21	3	
5	QPSK	1	40	19.95	19.95	19.95			
5	QPSK	1	80	19.95	19.95	19.95			
5	QPSK	20	0	19.95	19.95	19.95	21	3	
5	QPSK	20	24	19.95	19.95	19.95			
5	QPSK	20	48	19.95	19.95	19.95			
5	QPSK	30	0	19.95	19.95	19.95	21	3	
5	QPSK	30	10	19.95	19.95	19.95			
5	QPSK	30	20	19.95	19.95	19.95			
5	QPSK	40	0	19.95	19.95	19.95	21	3	
5	QPSK	40	24	19.95	19.95	19.95			
5	QPSK	40	48	19.95	19.95	19.95			
5	QPSK	120	0	19.95	19.95	19.95	21	3	
5	QPSK	120	24	19.95	19.95	19.95			
5	QPSK	120	48	19.95	19.95	19.95			
5	QPSK	1	0	19.95	19.95	19.95	21	3	
5	QPSK	1	40	19.95	19.95	19.95			
5	QPSK	1	80	19.95	19.95	19.95			
5	QPSK	20	0	19.95	19.95	19.95	21	3	
5	QPSK	20	24	19.95	19.95	19.95			
5	QPSK	20	48	19.95	19.95	19.95			
5	QPSK	30	0	19.95	19.95	19.95	21	3	
5	QPSK	30	10	19.95	19.95	19.95			
5	QPSK	30	20	19.95	19.95	19.95			
5	QPSK	40	0	19.95	19.95	19.95	21	3	
5	QPSK	40	24	19.95	19.95	19.95			
5	QPSK	40	48	19.95	19.95	19.95			
5	QPSK	120	0	19.95	19.95	19.95	21	3	
5	QPSK	120	24	19.95	19.95	19.95			
5	QPSK	120	48	19.95	19.95	19.95			
5	QPSK	1	0	19.95	19.95	19.95	21	3	
5	QPSK	1	40	19.95	19.95	19.95			
5	QPSK	1	80	19.95	19.95	19.95			
5	QPSK	20	0	19.95	19.95	19.95	21	3	
5	QPSK	20	24	19.95	19.95	19.95			
5	QPSK	20	48	19.95	19.95	19.95			
5	QPSK	30	0	19.95	19.95	19.95	21	3	
5	QPSK	30	10	19.95	19.95	19.95			
5	QPSK	30	20	19.95	19.95	19.95			
5	QPSK	40	0	19.95	19.95	19.95	21	3	
5	QPSK	40	24	19.95	19.95	19.95			
5	QPSK	40	48	19.95	19.95	19.95			
5	QPSK	120	0	19.95	19.95	19.95	21	3	
5	QPSK	120	24	19.95	19.95	19.95			
5	QPSK	120	48	19.95	19.95	19.95			
5	QPSK	1	0	19.95	19.95	19.95	21	3	
5	QPSK	1	40	19.95	19.95	19.95			
5	QPSK	1	80	19.95	19.95	19.95			
5	QPSK	20	0	19.95	19.95	19.95	21	3	
5	QPSK	20	24	19.95	19.95	19.95			
5	QPSK	20	48	19.95	19.95	19.95			
5	QPSK	30	0	19.95	19.95	19.95	21	3	
5	QPSK	30	10	19.95	19.95	19.95			
5	QPSK	30	20	19.95	19.95	19.95			
5	QPSK	40	0	19.95	19.95	19.95	21	3	
5	QPSK	40	24	19.95	19.95	19.95			
5	QPSK	40	48						

Band 66 Ant 6											
SV (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq. (W/Hz)	Power Ch./Freq. (W/Hz)	Power Ch./Freq. (W/Hz)	Time-to-Acquire (ms)	MPE (dB)			
Channel											
Frequency (MHz)				1742	1743	1745					
20	QPSK	1	0	22.82	22.82	22.82	24	0			
20	QPSK	1	49	22.82	22.82	22.82					
20	QPSK	1	98	22.82	22.82	22.82					
20	QPSK	1	147	22.82	22.82	22.82					
20	QPSK	50	50	21.94	21.94	21.94	23	1			
20	QPSK	100	0	21.94	21.94	21.94					
20	QPSK	50	50	21.97	21.97	21.97					
20	QPSK	50	50	21.98	21.98	21.98					
20	QPSK	1	0	21.86	21.71	21.72	23	1			
20	QPSK	1	99	21.86	21.74	21.79					
20	QPSK	1	99	21.86	21.74	21.79					
20	QPSK	1	99	21.86	21.74	21.79					
20	QPSK	50	24	20.91	20.92	20.90	22	2			
20	QPSK	50	24	20.91	20.92	20.90					
20	QPSK	50	24	20.91	20.92	20.90					
20	QPSK	50	24	20.91	20.92	20.90					
20	QPSK	1	0	21.11	21.03	20.98	22	2			
20	QPSK	1	99	20.99	20.93	20.88					
20	QPSK	1	99	20.99	20.93	20.88					
20	QPSK	1	99	20.99	20.93	20.88					
20	QPSK	50	50	19.89	19.93	19.93	21	3			
20	QPSK	100	0	19.84	19.93	19.79					
20	QPSK	50	50	19.84	19.93	19.79					
20	QPSK	50	50	19.84	19.93	19.79					
20	QPSK	1	49	17.82	17.79	17.81	19	5			
20	QPSK	1	99	17.87	17.82	17.75					
20	QPSK	1	99	17.87	17.82	17.75					
20	QPSK	1	99	17.87	17.82	17.75					
20	QPSK	50	24	17.89	17.79	17.81	19	5			
20	QPSK	50	24	17.89	17.79	17.81					
20	QPSK	50	24	17.89	17.79	17.81					
20	QPSK	50	24	17.89	17.79	17.81					
20	QPSK	100	0	17.75	17.76	17.68	19	5			
20	QPSK	100	0	17.76	17.76	17.68					
20	QPSK	100	0	17.77	17.76	17.68					
20	QPSK	100	0	17.78	17.76	17.68					
20	QPSK	100	0	17.79	17.76	17.68					
Channel											
Frequency (MHz)				15041	15032	15030	Time-to-Acquire (ms)	MPE (dB)			
15	QPSK	1	0	22.81	22.80	22.81	24	0			
15	QPSK	1	37	22.78	22.84	22.87					
15	QPSK	1	74	22.75	22.86	22.72					
15	QPSK	1	111	22.76	22.86	22.78					
15	QPSK	36	36	21.90	21.87	21.72	23	1			
15	QPSK	36	36	21.90	21.87	21.72					
15	QPSK	36	36	21.90	21.87	21.72					
15	QPSK	36	36	21.90	21.87	21.72					
15	QPSK	1	0	21.85	21.80	21.53	23	1			
15	QPSK	1	74	21.89	21.83	21.67					
15	QPSK	1	74	21.89	21.83	21.67					
15	QPSK	1	74	21.89	21.83	21.67					
15	QPSK	1	74	21.84	21.68	21.63	23	1			
15	QPSK	1	74	21.84	21.68	21.63					
15	QPSK	1	74	21.84	21.68	21.63					
15	QPSK	1	74	21.84	21.68	21.63					
15	QPSK	36	36	20.93	20.94	20.81	22	2			
15	QPSK	36	36	20.93	20.94	20.81					
15	QPSK	36	36	20.93	20.94	20.81					
15	QPSK	36	36	20.93	20.94	20.81					
15	QPSK	1	37	20.73	20.76	20.60	22	2			
15	QPSK	1	74	20.67	20.62	20.57					
15	QPSK	1	74	20.67	20.62	20.57					
15	QPSK	1	74	20.67	20.62	20.57					
15	QPSK	36	36	20.95	20.93	20.88	22	2			
15	QPSK	36	36	20.95	20.93	20.88					
15	QPSK	36	36	20.95	20.93	20.88					
15	QPSK	36	36	20.95	20.93	20.88					
15	QPSK	75	75	19.96	19.91	19.87	21	3			
15	QPSK	75	75	19.96	19.91	19.87					
15	QPSK	75	75	19.96	19.91	19.87					
15	QPSK	75	75	19.96	19.91	19.87					
15	QPSK	1	0	18.95	18.92	17.87	19	3			
15	QPSK	1	0	18.95	18.92	17.87					
15	QPSK	1	0	18.95	18.92	17.87					
15	QPSK	1	0	18.95	18.92	17.87					
15	QPSK	1	74	17.76	17.68	17.68	19	3			
15	QPSK	1	74	17.76	17.68	17.68					
15	QPSK	1	74	17.76	17.68	17.68					
15	QPSK	1	74	17.76	17.68	17.68					
15	QPSK	36	36	18.99	17.98	17.62	19	5			
15	QPSK	36	36	18.99	17.98	17.62					
15	QPSK	36	36	18.99	17.98	17.62					
15	QPSK	36	36	18.99	17.98	17.62					
15	QPSK	36	36	17.77	17.65	17.60	19	5			
15	QPSK	36	36	17.77	17.65	17.60					
15	QPSK	36	36	17.77	17.65	17.60					
15	QPSK	36	36	17.77	17.65	17.60					
15	QPSK	75	75	17.53	17.48	17.44	19	5			
15	QPSK	75	75	17.53	17.48	17.44					
15	QPSK	75	75	17.53	17.48	17.44					
15	QPSK	75	75	17.53	17.48	17.44					
15	QPSK	75	75	17.53	17.48	17.44					
Channel											
Frequency (MHz)				1715	1745	1775	Time-to-Acquire (ms)	MPE (dB)			
15	QPSK	1	0	22.89	22.88	22.87	24	0			
15	QPSK	1	12	22.74	22.84	22.78					
15	QPSK	1	24	22.69	22.84	22.73					
15	QPSK	1	36	22.67	22.84	22.70					
15	QPSK	1	49	22.82	22.80	22.87	23	1			
15	QPSK	1	98	22.81	22.80	22.81					
15	QPSK	1	147	22.81	22.80	22.81					
15	QPSK	1	196	22.81	22.80	22.81					
15	QPSK	24	24	21.72	21.70	21.72	23	1			
15	QPSK	24	24	21.72	21.70	21.72					
15	QPSK	24	24	21.72	21.70	21.72					
15	QPSK	24	24	21.72	21.70	21.72					
15	QPSK	50	0	21.83	21.80	21.69	23	1			
15	QPSK	50	0	21.83	21.80	21.69					
15	QPSK	50	0	21.83	21.80	21.69					
15	QPSK	50	0	21.83	21.80	21.69					
15	QPSK	1	0	22.03	22.04	21.71	23	1			
15	QPSK	1	0	22.03	22.04	21.71					
15	QPSK	1	0	22.03	22.04	21.71					
15	QPSK	1	0	22.03	22.04	21.71					
15	QPSK	1	24	21.53	20.98	21.73	21	3			
15	QPSK	1	24	21.53	20.98	21.73					
15	QPSK	1	24	21.53	20.98	21.73					
15	QPSK	1	24	21.53	20.98	21.73					
15	QPSK	12	0	20.93	20.92	20.87	21	3			
15	QPSK	12	0	20.93	20.92	20.87					
15	QPSK	12	0	20.93	20.92	20.87					
15	QPSK	12	0	20.93	20.92	20.87					
15	QPSK	24	0	20.97	20.98	20.87	21	3			
15	QPSK	24	0	20.97	20.98	20.87					
15	QPSK	24	0	20.97	20.98	20.87					
15	QPSK	24	0	20.97	20.98	20.87					
15	QPSK	24	0	21.09	21.07	21.03	22	2			
15	QPSK	24	0	21.09	21.07	21.03					
15	QPSK	24	0	21.09	21.07	21.03					
15	QPSK	24	0	21.09	21.07	21.03					
15	QPSK	1	12	20.88	20.82	20.78	22	2			
15	QPSK	1	12	20.88	20.82	20.78					
15	QPSK	1	12	20.88	20.82	20.78					
15	QPSK	1	12	20.88	20.82	20.78					
15	QPSK	12	12	19.76	19.72	19.70	19	5			
15	QPSK	12	12	19.76	19.72	19.70					
15	QPSK	12	12	19.76	19.72	19.70					
15	QPSK	12	12	19.76	19.72	19.70					
15	QPSK	24	0	19.56	19.51	19.44	19	5			
15	QPSK	24	0	19.56	19.51	19.44					
15	QPSK	24	0	19.56	19.51	19.44					
15	QPSK	24	0	19.56	19.51	19.44					
Channel											
Frequency (MHz)				13167	13032	13030	Time-to-Acquire (ms)	MPE (dB)			
5	QPSK	1	0	23.03	23.00	22.97	24	0			
5	QPSK	1	12	22.74	22.84	22.78					
5	QPSK	1	24	22.69	22.84	22.73					
5	QPSK	1	36	22.67	22.84	22.70					
5	QPSK	12	0	21.82	21.80	21.55	23	1			
5	QPSK	12	7	21.93	21.73	21.64					
5	QPSK	12	7	21.93	21.73	21.64					
5	QPSK	12	7	21.93	21.73	21.64					
5	QPSK	24	0	21.83	21.80	21.69	23	1			
5	QPSK	24	0	21.83	21.80	21.69					
5	QPSK	24	0	21.83	21.80	21.69					
5	QPSK	24	0	21.83	21.80	21.69					
5	QPSK	1	0	22.03	22.04	21.71	23	1			
5	QPSK	1	0	22.03	22.04	21.71					
5	QPSK	1	0	22.03	22.04	21.71					
5	QPSK	1	0	22.03	22.04	21.71					
5	QPSK	1	24	21.53	20.98	21.73	21	3			
5	QPSK	1	24	21.53	20.98	21.73					
5	QPSK	1	24	21.53	20.98	21.73					
5	QPSK	1	24	21.53	20.98	21.73					
5	QPSK	12	0	20.93	20.92	20.87	21	3			
5	QPSK	12	0	20.93	20.92	20.87					
5	QPSK	12	0	20.93	20.92	20.87					
5	QPSK	12	0	20.93	20.92	20.87					
5	QPSK	24	0	20.97	20.98	20.87	21	3			
5	QPSK	24	0	20.97	20.98	20.87					
5	QPSK	24	0	20.97	20.98	20.87					
5											

Band 66 Ant 1											
SV (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq. (W/Hz)	Power Ch./Freq. (W/Hz)	Power Ch./Freq. (W/Hz)	Time-to-Acquire (ms)	MPE (dB)			
Channel											
Frequency (MHz)				1742	1743	1745					
20	QPSK	1	0	18.12	18.12	17.72	20	0			
20	QPSK	1	49	17.82	17.82	17.42					
20	QPSK	1	98	17.82	17.82	17.42					
20	QPSK	1	147	17.82	17.82	17.42					
20	QPSK	24	17.82	17.82	17.42	17.42	19	1			
20	QPSK	50	17.82	17.82	17.42	17.42					
20	QPSK	50	17.83	17.83	17.43	17.43					
20	QPSK	50	17.84	17.84	17.44	17.44					
20	QPSK	1	0	18.12	18.12	17.72	19	1			
20	QPSK	1	49	17.82	17.82	17.42					
20	QPSK	1	98	17.82	17.82	17.42					
20	QPSK	1	147	17.82	17.82	17.42					
20	QPSK	24	17.82	17.82	17.42	17.42	18	2			
20	QPSK	50	17.82	17.82	17.42	17.42					
20	QPSK	50	17.83	17.83	17.43	17.43					
20	QPSK	50	17.84	17.84	17.44	17.44					
20	QPSK	1	0	15.22	15.22	14.82	17	3			
20	QPSK	1	49	14.92	14.92	14.52					
20	QPSK	1	98	14.92	14.92	14.52					
20	QPSK	1	147	14.92	14.92	14.52					
20	QPSK	24	14.92	14.92	14.52	14.52	17	3			
20	QPSK	50	14.92	14.92	14.52	14.52					
20	QPSK	50	14.93	14.93	14.53	14.53					
20	QPSK	50	14.94	14.94	14.54	14.54					
20	QPSK	1	0	13.72	13.72	13.32	15	5			
20	QPSK	1	49	13.42	13.42	13.02					
20	QPSK	1	98	13.42	13.42	13.02					
20	QPSK	1	147	13.42	13.42	13.02					
20	QPSK	24	13.42	13.42	13.02	13.02	15	5			
20	QPSK	50	13.42	13.42	13.02	13.02					
20	QPSK	50	13.43	13.43	13.03	13.03					
20	QPSK	50	13.44	13.44	13.04	13.04					
20	QPSK	1	0	12.52	12.52	12.12	15	5			
20	QPSK	1	49	12.22	12.22	11.82					
Channel											
Frequency (MHz)				1715	1742	1745	Time-to-Acquire (ms)	MPE (dB)			
15	QPSK	1	0	16.40	16.40	16.00	20	0			
15	QPSK	1	37	16.14	16.14	15.74					
15	QPSK	1	74	16.14	16.14	15.74					
15	QPSK	1	111	16.14	16.14	15.74					
15	QPSK	36	16.14	16.14	15.74	15.74	19	1			
15	QPSK	72	16.14	16.14	15.74	15.74					
15	QPSK	72	16.15	16.15	15.75	15.75					
15	QPSK	72	16.16	16.16	15.76	15.76					
15	QPSK	1	0	17.33	17.33	16.93	19	1			
15	QPSK	1	37	17.07	17.07	16.67					
15	QPSK	1	74	17.07	17.07	16.67					
15	QPSK	1	111	17.07	17.07	16.67					
15	QPSK	36	17.07	17.07	16.67	16.67	18	2			
15	QPSK	72	17.07	17.07	16.67	16.67					
15	QPSK	72	17.08	17.08	16.68	16.68					
15	QPSK	72	17.09	17.09	16.69	16.69					
15	QPSK	1	0	16.42	16.42	16.02	18	2			
15	QPSK	1	37	16.16	16.16	15.76					
15	QPSK	1	74	16.16	16.16	15.76					
15	QPSK	1	111	16.16	16.16	15.76					
15	QPSK	36	16.16	16.16	15.76	15.76	18	2			
15	QPSK	72	16.16	16.16	15.76	15.76					
15	QPSK	72	16.17	16.17	15.77	15.77					
15	QPSK	72	16.18	16.18	15.78	15.78					
15	QPSK	1	0	15.45	15.45	15.05	17	3			
15	QPSK	1	37	15.19	15.19	14.79					
15	QPSK	1	74	15.19	15.19	14.79					
15	QPSK	1	111	15.19	15.19	14.79					
15	QPSK	36	15.19	15.19	14.79	14.79	17	3			
15	QPSK	72	15.19	15.19	14.79	14.79					
15	QPSK	72	15.20	15.20	14.80	14.80					
15	QPSK	72	15.21	15.21	14.81	14.81					
15	QPSK	1	0	14.58	14.58	14.18	15	5			
15	QPSK	1	37	14.32	14.32	13.92					
15	QPSK	1	74	14.32	14.32	13.92					
15	QPSK	1	111	14.32	14.32	13.92					
15	QPSK	36	14.32	14.32	13.92	13.92	15	5			
15	QPSK	72	14.32	14.32	13.92	13.92					
15	QPSK	72	14.33	14.33	13.93	13.93					
15	QPSK	72	14.34	14.34	13.94	13.94					
15	QPSK	1	0	13.67	13.67	13.27	15	5			
15	QPSK	1	37	13.41	13.41	13.01					
15	QPSK	1	74	13.41	13.41	13.01					
15	QPSK	1	111	13.41	13.41	13.01					
15	QPSK	36	13.41	13.41	13.01	13.01	15	5			
15	QPSK	72	13.41	13.41	13.01	13.01					
15	QPSK	72	13.42	13.42	13.02	13.02					
15	QPSK	72	13.43	13.43	13.03	13.03					
15	QPSK	1	0	12.80	12.80	12.40	15	5			
15	QPSK	1	37	12.54	12.54	12.14					
Channel											
Frequency (MHz)				1715	1742	1745	Time-to-Acquire (ms)	MPE (dB)			
5	QPSK	1	0	18.12	18.12	17.72	20	0			
5	QPSK	1	12	18.27	18.28	18.28					
5	QPSK	1	24	18.42	18.43	18.43					
5	QPSK	1	36	18.57	18.58	18.58					
5	QPSK	12	0	17.28	17.28	17.27	19	1			
5	QPSK	12	7	17.22	17.58	17.57					
5	QPSK	12	14	17.16	17.33	17.32					
5	QPSK	12	21	17.10	17.27	17.26					
5	QPSK	1	0	17.31	17.48	17.47	19	1			
5	QPSK	1	12	17.46	17.63	17.62					
5	QPSK	1	24	17.61	17.78	17.77					
5	QPSK	1	36	17.76	17.93	17.92					
5	QPSK	12	0	16.43	16.46	16.45	18	2			
5	QPSK	12	7	16.37	16.63	16.62					
5	QPSK	12	14	16.31	16.57	16.56					
5	QPSK	12	21	16.25	16.51	16.50					
5	QPSK	1	0	15.84	15.84	15.84	17	3			
5	QPSK	1	12	15.84	15.84	15.84					
5	QPSK	1	24	15.84	15.84	15.84					
5	QPSK	1	36	15.84	15.84	15.84					
5	QPSK	12	0	15.39	15.40	15.37	17	3			
5	QPSK	12	7	15.38	15.41	15.38					
5	QPSK	12	14	15.37	15.42	15.39					
5	QPSK	12	21	15.36	15.43	15.40					
5	QPSK	1	0	15.38	15.40	15.37	15	5			
5	QPSK	1	12	15.38	15.41	15.38					
5	QPSK	1	24	15.38	15.41	15.38					
5	QPSK	1	36	15.38	15.41	15.38					
5	QPSK	12	0	13.62	13.63	13.60	15	5			
5	QPSK	12	7	13.61	13.68	13.67					
5	QPSK	12	14	13.60	13.71	13.70					
5	QPSK	12	21	13.59	13.82	13.81					
5	QPSK	1	0	13.59	13.61	13.58	15	5			
5	QPSK	1	12	13.59	13.62	13.59					
5	QPSK	1	24	13.59	13.62	13.59					
5	QPSK	1	36	13.59	13.62	13.59					
5	QPSK	12	0	13.59	13.61	13.58	15	5			
5	QPSK	12	7	13.59	13.62	13.59					
5	QPSK	12	14	13.59	13.62	13.59					
5	QPSK	12	21	13.59	13.62	13.59					
5	QPSK	1	0	13.59	13.61	13.58	15	5			
5	QPSK	1	12	13.59	13.62	13.59					
5	QPSK	1	24	13.59	13.62	13.59					
5	QPSK	1	36	13.59	13.62	13.59					
5	QPSK	12	0	13.59	13.61	13.58	15	5			
5	QPSK	12	7	13.59	13.62	13.59					
5	QPSK	12	14	13.59	13.62	13.59					
5	QPSK	12	21	13.59	13.62	13.59					
5	QPSK	1	0	13.59	13.61	13.58	15	5			
5	QPSK	1	12	13.59	13.62	13.59					
5	QPSK	1	24	13.59	13.62	13.59					
5	QPSK	1	36	13.59	13.62	13.59					
5	QPSK	12	0	13.59	13.61	13.58	15	5			
5	QPSK	12	7	13.59	13.62	13.59					
5	QPSK	12	14	13.59	13.62	13.59					
5	QPSK	12	21	13.59	13.62	13.59					
5	QPSK	1	0	13.59	13.61	13.58	15	5			
5	QPSK	1	12	13.59	13.62	13.59					
5	QPSK	1	24	13.59	13.62	13.59					
5	QPSK	1	36	13.59	13.62	13.59					
5	QPSK	12	0	13.59	13.61	13.58	15	5			
5	QPSK	12	7	13.59	13.62	13.59					
5	QPSK	12	14	13.59	13.62	13.59					
5	QPSK	12	21	13.59	13.62	13.59					
5	QPSK	1	0	13.59	13.61	13.58	15	5			
5	QPSK	1	12	13.59	13.62	13.59					
5	QPSK	1	24	13.59	13.62	13.59					
5	QPSK	1	36	13.59	13.62	13.59					
5	QPSK	12	0	13.59	13.61	13.58	15	5			
5	QPSK	12	7	13.59	13.62	13.59					
5	QPSK	12	14	13.59	13.62	13.59					
5	QPSK	12	21	13.59	13.62	13.59					
5	QPSK	1	0	13.59	13.61	13.58	15	5			
5	QPSK	1	12	13.59	13.62	13.59					
5	QPSK	1	24	13.59	13.62	13.59					
5	QPSK	1	36	13.59	13.62	13.59					
5	QPSK	12	0	13.59	13.61	13.58	15	5			
5	QPSK	12	7	13.59	13.62	13.59					
5	QPSK	12	14	13.59	13.62	13.59					
5	QPSK	12	21	13.59	13.62	13.59					
5	QPSK	1	0	13.59	13.61	13.58	15				

Band 48_FCC Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Mode Ch. / Freq.	Power High Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				55340	55830	56150	56640		
20	QPSK	1	0	14.11	14.17	13.94	13.44	15	0
20	QPSK	1	49	13.99	14.05	13.76	13.43		
20	QPSK	1	99	14.06	14.08	13.74	13.30		
20	QPSK	50	0	13.04	13.08	13.26	12.45		
20	QPSK	50	24	12.93	13.67	13.20	12.28		
20	QPSK	50	50	13.14	13.06	13.06	12.39	14	1
20	QPSK	100	0	12.98	13.46	13.01	12.42		
20	16QAM	1	0	13.03	13.38	13.42	12.69		
20	16QAM	1	49	12.95	13.23	13.25	12.41		
20	16QAM	1	99	13.14	12.94	13.24	12.42		
20	16QAM	50	0	12.11	12.05	12.67	11.55	13	2
20	16QAM	50	24	11.81	12.17	12.48	11.13		
20	16QAM	50	50	12.12	12.09	12.78	11.32		
20	16QAM	100	0	11.88	12.01	12.51	11.41		
20	64QAM	1	0	12.18	12.19	11.73	11.54		
20	64QAM	1	49	11.87	12.15	11.84	11.10	13	2
20	64QAM	1	99	12.05	11.26	11.59	11.33		
20	64QAM	50	0	11.05	11.08	10.74	10.49		
20	64QAM	50	24	10.88	11.28	10.69	10.10		
20	64QAM	50	50	10.98	11.18	10.83	10.31		
20	64QAM	100	0	10.91	11.05	11.05	10.46	10	5
20	256QAM	1	0	9.18	9.07	8.02	8.34		
20	256QAM	1	49	9.94	9.16	8.68	8.52		
20	256QAM	1	99	9.11	9.20	8.64	8.28		
20	256QAM	50	0	9.08	9.19	8.80	8.48		
20	256QAM	50	24	8.18	8.23	8.97	8.47	10	5
20	256QAM	50	50	8.90	9.10	8.68	8.50		
20	256QAM	100	0	8.97	9.13	8.79	8.19		
Channel				56115	56610	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				56115	56610	56160	56665		
15	QPSK	1	0	14.12	14.07	13.98	13.17	15	0
15	QPSK	1	37	13.98	14.09	14.13	13.35		
15	QPSK	1	74	14.09	14.07	14.04	13.28		
15	QPSK	36	0	13.07	13.38	13.21	12.51		
15	QPSK	36	20	13.05	13.32	13.13	12.38		
15	QPSK	36	36	13.21	13.07	12.98	12.82	14	1
15	QPSK	75	0	12.92	13.10	13.18	12.38		
15	16QAM	1	0	13.05	13.35	13.08	12.37		
15	16QAM	1	37	12.93	13.19	12.81	12.52		
15	16QAM	1	74	13.25	13.08	12.98	12.53		
15	16QAM	36	0	12.07	12.30	12.21	11.49	13	2
15	16QAM	36	20	11.93	12.30	12.14	11.05		
15	16QAM	36	36	12.09	11.99	12.00	11.25		
15	16QAM	75	0	11.95	12.00	12.14	11.27		
15	64QAM	1	0	12.04	12.14	12.12	11.44		
15	64QAM	1	37	12.03	12.06	12.18	11.44	13	2
15	64QAM	1	74	12.12	12.01	12.10	11.34		
15	64QAM	36	0	10.97	11.14	11.08	10.34		
15	64QAM	36	20	10.85	11.30	11.19	10.11		
15	64QAM	36	36	11.11	11.20	11.08	10.20		
15	64QAM	75	0	11.03	11.08	11.11	10.59	10	5
15	256QAM	1	0	9.08	8.80	8.81	8.15		
15	256QAM	1	37	8.82	9.07	8.60	8.39		
15	256QAM	1	74	9.07	9.16	8.61	8.27		
15	256QAM	36	0	8.90	8.09	8.72	8.24		
15	256QAM	36	20	9.14	9.19	8.92	8.35	10	5
15	256QAM	36	36	8.84	8.65	8.58	8.15		
15	256QAM	75	0	8.84	8.97	8.80	8.19		
Channel				56290	56815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				56290	56815	56165	56690		
10	QPSK	1	0	13.96	14.10	13.85	13.16	15	0
10	QPSK	1	25	14.12	13.97	14.06	13.37		
10	QPSK	1	49	14.00	14.03	13.98	13.17		
10	QPSK	25	0	12.93	13.40	13.23	12.56		
10	QPSK	25	12	13.21	13.34	12.99	12.28		
10	QPSK	25	25	13.34	13.18	12.84	12.45	14	1
10	QPSK	50	0	12.83	13.16	13.30	12.37		
10	16QAM	1	0	13.02	13.37	12.99	12.22		
10	16QAM	1	25	12.94	13.06	13.12	12.56		
10	16QAM	1	49	13.37	13.15	12.91	12.67		
10	16QAM	25	0	12.26	12.13	12.08	11.56	13	2
10	16QAM	25	12	12.04	12.35	12.00	11.12		
10	16QAM	25	25	12.19	12.31	12.03	11.34		
10	16QAM	50	0	12.01	11.92	12.01	11.12		
10	64QAM	1	0	11.96	12.05	12.08	11.57		
10	64QAM	1	25	11.88	11.92	12.10	11.07	13	2
10	64QAM	1	49	12.21	12.02	12.23	11.35		
10	64QAM	25	0	10.97	11.28	10.95	10.41		
10	64QAM	25	12	10.99	11.38	11.09	10.28		
10	64QAM	25	25	11.26	11.24	11.06	10.24		
10	64QAM	50	0	10.99	11.02	11.23	10.69	10	5
10	256QAM	1	0	9.19	8.95	8.93	8.31		
10	256QAM	1	25	8.92	9.11	8.53	8.34		
10	256QAM	1	49	8.97	9.21	8.42	8.15		
10	256QAM	25	0	8.87	9.14	8.70	8.39		
10	256QAM	25	12	9.08	9.04	8.84	8.42	10	5
10	256QAM	25	25	8.87	8.97	8.64	8.52		
10	256QAM	50	0	8.92	9.11	8.64	8.13		
Channel				56295	56810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				56295	56810	56170	56715		
5	QPSK	1	0	13.85	14.04	13.95	13.13	15	0
5	QPSK	1	12	14.12	13.87	13.98	13.37		
5	QPSK	1	24	14.07	13.89	13.89	13.11		
5	QPSK	12	0	13.14	13.28	13.95	13.26		
5	QPSK	12	7	13.23	13.22	13.86	13.40		
5	QPSK	12	13	13.21	13.24	13.46	13.05	14	1
5	QPSK	25	0	12.92	13.29	13.38	12.29		
5	16QAM	1	0	12.90	13.32	12.91	12.37		
5	16QAM	1	12	12.93	13.19	13.22	12.37		
5	16QAM	1	24	13.28	13.24	12.83	12.43		
5	16QAM	12	0	12.05	12.43	12.85	12.50	13	2
5	16QAM	12	13	12.27	12.23	12.73	12.42		
5	16QAM	25	0	11.98	12.05	11.98	11.26		
5	64QAM	1	0	12.02	11.97	12.07	11.52		
5	64QAM	1	12	12.13	12.01	12.05	11.11		
5	64QAM	1	24	12.34	12.11	12.26	11.38	12	3
5	64QAM	12	0	11.11	11.18	11.12	10.36		
5	64QAM	12	7	11.08	11.31	10.99	10.32		
5	64QAM	12	13	11.13	11.17	11.18	10.30		
5	64QAM	25	0	11.08	10.91	11.36	10.64		
5	256QAM	1	0	9.16	9.02	8.84	8.17	10	5
5	256QAM	1	12	8.74	9.05	8.57	8.43		
5	256QAM	1	24	9.04	8.99	8.60	8.27		
5	256QAM	12	0	8.94	9.08	8.81	8.31		
5	256QAM	12	7	9.17	9.13	8.77	8.34		
5	256QAM	12	13	8.75	8.95	8.53	8.49	10	5
5	256QAM	25	0	8.80	9.12	8.61	8.09		

Band 48 FCC Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Mode Ch. / Freq.	Power High Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				55340	55830	56150	56640				
Frequency (MHz)				3660	3609	3641	3690				
20	QPSK	1	0	21.04	21.24	21.14	20.56	22	0		
20	QPSK	1	49	21.05	21.14	21.14	20.52				
20	QPSK	1	99	21.12	21.06	21.19	20.51				
20	QPSK	50	0	20.35	20.44	20.41	19.61				
20	QPSK	50	24	20.38	20.41	20.24	19.51				
20	QPSK	50	50	20.31	20.30	20.36	19.58	21	1		
20	QPSK	100	0	20.28	20.47	20.38	19.60				
20	16QAM	1	0	20.37	20.32	20.47	19.69				
20	16QAM	1	49	20.41	20.37	20.28	19.59				
20	16QAM	1	99	20.45	20.87	20.29	19.69				
20	16QAM	50	0	19.35	19.42	19.48	18.61	20	2		
20	16QAM	50	24	19.32	19.46	19.10	18.51				
20	16QAM	50	50	19.41	19.57	19.37	18.61				
20	16QAM	100	0	19.23	19.30	19.41	18.74				
20	16QAM	1	0	19.38	18.44	19.38	18.47				
20	16QAM	1	49	19.28	18.61	19.10	18.66	20	2		
20	16QAM	1	99	19.32	18.28	19.51	18.66				
20	16QAM	50	0	18.43	17.48	18.40	17.67				
20	16QAM	50	24	18.33	17.53	18.22	17.39				
20	16QAM	50	50	18.47	17.62	18.51	17.74				
20	256QAM	100	0	19.25	17.41	17.84	17.84	19	3		
20	256QAM	1	0	15.95	16.31	16.04	15.68				
20	256QAM	1	49	15.99	16.17	16.05	15.48				
20	256QAM	1	99	16.10	16.11	16.19	15.51				
20	256QAM	50	0	16.08	16.22	16.05	15.66				
20	256QAM	50	24	15.96	16.35	16.11	15.64	17	5		
20	256QAM	50	50	15.95	16.08	16.24	15.56				
20	256QAM	100	0	16.19	16.15	16.26	15.44				
Channel				36110	36003	36160	36095				
Frequency (MHz)				3607.5	3608	3642.5	3605				
15	QPSK	1	0	21.15	21.11	21.09	20.44	22	0		
15	QPSK	1	37	21.09	21.08	21.20	20.39				
15	QPSK	1	74	21.17	21.16	21.13	20.56				
15	QPSK	36	0	20.47	20.43	20.48	19.70				
15	QPSK	36	20	20.34	20.32	20.32	19.49				
15	QPSK	36	39	20.28	20.45	20.23	19.49	21	1		
15	QPSK	75	0	20.15	20.25	20.29	19.60				
15	16QAM	1	0	20.47	20.59	20.17	19.52				
15	16QAM	1	37	20.27	20.26	20.23	19.59				
15	16QAM	1	74	20.54	20.20	20.16	19.75				
15	16QAM	36	0	19.32	19.33	19.33	18.62	20	2		
15	16QAM	36	20	19.27	19.23	19.30	18.37				
15	16QAM	36	39	19.30	19.51	19.27	18.72				
15	16QAM	75	0	19.18	19.43	19.42	18.75				
15	16QAM	1	0	19.31	19.38	19.08	18.57				
15	16QAM	1	37	19.38	19.39	19.28	18.76	20	2		
15	16QAM	1	74	19.35	19.52	19.06	18.52				
15	16QAM	36	0	18.30	18.29	18.28	17.69				
15	16QAM	36	20	18.41	18.35	18.23	17.25				
15	16QAM	36	39	18.42	18.37	18.26	17.61				
15	16QAM	75	0	16.21	16.28	16.44	17.98	19	3		
15	16QAM	1	0	16.77	16.31	16.31	16.52				
15	16QAM	1	37	15.88	16.18	15.90	15.33				
15	256QAM	1	74	16.12	16.07	16.19	15.52				
15	256QAM	36	0	16.04	16.22	16.12	15.48				
15	256QAM	36	20	15.80	16.34	16.10	15.44	17	5		
15	256QAM	36	39	15.74	16.03	16.12	15.47				
15	256QAM	75	0	16.02	16.11	16.17	15.27				
Channel				55290	55815	56165	56095				
Frequency (MHz)				3655	3607.5	3642.5	3605				
10	QPSK	1	0	21.12	20.97	20.90	20.50	22	0		
10	QPSK	1	25	21.14	21.12	20.91	20.47				
10	QPSK	1	49	20.99	20.90	20.95	20.59				
10	QPSK	25	0	20.15	20.02	20.02	19.61				
10	QPSK	25	25	20.97	20.07	19.98	19.61				
10	QPSK	50	0	20.01	20.05	19.96	19.35	21	1		
10	QPSK	50	0	20.06	20.02	20.04	19.35				
10	16QAM	1	0	20.35	20.29	20.43	19.65				
10	16QAM	1	25	20.33	20.85	20.69	19.56				
10	16QAM	1	49	20.32	20.23	20.54	19.76				
10	16QAM	25	0	19.07	19.18	19.08	18.58	20	2		
10	16QAM	25	12	19.09	19.11	19.01	18.49				
10	16QAM	25	25	19.14	19.00	18.96	18.60				
10	16QAM	50	0	19.11	19.03	19.02	18.62				
10	16QAM	1	0	19.27	19.17	19.17	18.46				
10	16QAM	1	25	19.98	19.24	19.94	18.67	20	2		
10	16QAM	1	49	19.25	19.43	19.05	18.96				
10	16QAM	25	0	18.12	18.10	18.11	17.72				
10	16QAM	25	12	18.03	18.04	18.06	17.32				
10	16QAM	25	25	18.17	18.16	18.00	17.56				
10	16QAM	50	0	18.08	18.03	17.99	18.07	19	3		
10	256QAM	1	0	15.83	16.28	15.85	14.99				
10	256QAM	1	25	16.00	16.02	15.97	15.29				
10	256QAM	1	49	15.89	15.94	16.05	15.48				
10	256QAM	25	0	15.91	16.13	16.16	15.60				
10	256QAM	25	12	15.96	16.30	16.07	15.59	17	5		
10	256QAM	25	25	15.79	16.03	16.05	15.45				
10	256QAM	50	0	16.08	15.98	16.13	15.24				
Channel				56265	55810	56170	56715				
Frequency (MHz)				3652.5	3607	3643	3607.5				
5	QPSK	1	0	20.84	21.02	21.11	20.47	22	0		
5	QPSK	1	12	21.02	21.17	21.01	20.38				
5	QPSK	1	24	20.98	20.88	20.81	20.27				
5	QPSK	12	0	19.95	20.04	20.02	19.49				
5	QPSK	12	7	20.10	20.02	20.05	20.28				
5	QPSK	12	13	20.09	20.05	19.97	20.42	21	1		
5	QPSK	25	0	20.07	20.02	19.97	19.38				
5	16QAM	1	0	20.19	20.19	20.38	19.59				
5	16QAM	1	12	20.33	20.55	20.33	19.53				
5	16QAM	1	24	20.12	20.46	20.38	19.71				
5	16QAM	12	0	18.99	18.95	19.11	19.45	20	2		
5	16QAM	12	7	19.17	19.13	18.99	19.63				
5	16QAM	12	13	18.99	18.90	18.92	19.58				
5	16QAM	25	0	19.07	19.05	18.99	18.56				
5	16QAM	1	0	19.05	19.09	19.06	18.53				
5	16QAM	1	12	19.29	19.29	19.22	18.78	20	2		
5	16QAM	1	24	19.08	19.35	19.01	18.60				
5	16QAM	12	0	17.94	17.95	17.94	17.39				
5	16QAM	12	7	18.03	18.09	18.16	17.67				
5	16QAM	12	13	17.98	18.04	18.05	17.36				
5	256QAM	25	0	16.02	16.05	16.05	15.95	19	3		
5	256QAM	1	0	15.94	16.22	15.97	15.53				
5	256QAM	1	12	15.99	16.12	15.99	15.32				
5	256QAM	1	24	16.02	15.95	16.14	15.31				
5	256QAM	12	0	15.96	16.00	16.17	15.67				
5	256QAM	12	7	15.91	16.15	16.10	15.60	17	5		
5	256QAM	12	13	15.73	16.10	16.05	15.53				
5	256QAM	25	0	16.03	16.12	16.06	15.37				

Band 48_FCC Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch / Freq	Power Low Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55630	56150	56640		
Frequency (MHz)				55340	55630	56150	56640		
20	QPSK	1	0	21.39	22.37	21.87	22.11	22.5	0
20	QPSK	1	49	21.04	21.94	21.31	22.11		
20	QPSK	1	99	20.99	21.86	21.32	21.90		
20	QPSK	50	0	20.64	21.47	21.18	21.41		
20	QPSK	50	24	20.34	20.88	20.58	21.46	21.5	1
20	QPSK	50	50	20.12	20.98	20.52	21.45		
20	QPSK	100	0	21.20	21.49	21.08	21.43		
20	16QAM	1	0	20.13	20.83	20.50	21.31		
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		
20	16QAM	50	0	19.98	20.11	19.48	20.36		
20	16QAM	50	24	19.16	19.84	19.56	20.29		
20	16QAM	50	50	19.28	20.11	19.65	20.14	20.5	2
20	16QAM	100	0	19.35	20.17	19.60	20.44		
20	64QAM	1	0	19.13	19.66	19.05	19.54		
20	64QAM	1	49	18.97	19.80	19.08	19.50	20.5	2
20	64QAM	1	99	18.91	19.73	19.05	19.25		
20	64QAM	50	0	18.29	18.95	18.55	18.95		
20	64QAM	50	24	18.31	19.12	18.49	19.06		
20	64QAM	50	50	18.34	19.02	18.58	18.96	19.5	3
20	64QAM	100	0	18.31	19.13	18.65	18.81		
20	256QAM	1	0	16.29	17.40	16.95	17.18		
20	256QAM	1	49	16.13	16.90	16.20	17.14		
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		
20	256QAM	50	24	16.50	17.08	16.82	17.10		
20	256QAM	50	50	16.17	16.93	16.28	17.35		
20	256QAM	100	0	16.16	16.96	16.14	17.14	Tune-up limit (dBm)	MPR (dB)
Channel				55315	55620	56160	56665		
Frequency (MHz)				55315	55620	56160	56665		
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		
15	QPSK	1	74	20.89	21.79	21.13	21.80		
15	QPSK	36	0	20.59	21.26	20.96	21.35		
15	QPSK	36	20	20.20	20.69	20.41	21.25	21.5	1
15	QPSK	36	39	19.93	20.90	20.36	21.31		
15	QPSK	75	0	21.12	21.31	21.03	21.41		
15	16QAM	1	0	20.08	20.81	20.34	21.17		
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		
15	16QAM	36	0	19.90	20.98	19.35	20.37		
15	16QAM	36	20	19.09	19.76	19.48	20.15		
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		
15	64QAM	1	0	19.14	19.60	19.04	19.44		
15	64QAM	1	37	18.90	19.64	19.05	19.44		
15	64QAM	1	74	18.92	19.69	18.88	19.38	19.5	3
15	64QAM	36	0	18.08	18.87	18.47	18.89		
15	64QAM	36	20	18.32	18.94	18.51	18.93		
15	64QAM	36	39	18.28	19.02	18.50	18.95		
15	64QAM	75	0	18.32	18.97	18.61	18.61	17.5	5
15	256QAM	1	0	16.16	17.29	16.92	17.11		
15	256QAM	1	37	15.91	16.80	16.06	17.15		
15	256QAM	1	74	15.90	16.61	16.18	16.91		
15	256QAM	36	0	16.38	17.27	16.97	16.99		
15	256QAM	36	20	16.29	17.03	16.70	16.98	17.5	5
15	256QAM	36	39	16.05	16.86	16.19	17.35		
15	256QAM	75	0	15.95	16.89	16.03	17.11		
Channel				55290	55615	56165	56660	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				55290	55615	56165	56660		
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		
10	QPSK	1	49	20.95	21.72	21.23	21.87		
10	QPSK	25	0	20.64	21.38	21.10	21.30		
10	QPSK	25	12	20.15	20.86	20.44	21.35	21.5	1
10	QPSK	25	25	19.95	20.95	20.53	21.28		
10	QPSK	50	0	21.03	21.31	20.96	21.38		
10	16QAM	1	0	19.96	20.98	20.21	21.24		
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		
10	16QAM	25	0	18.98	18.98	19.33	20.27		
10	16QAM	25	12	19.11	19.92	19.53	20.31		
10	16QAM	25	25	19.22	19.98	19.54	19.93	20.5	2
10	16QAM	50	0	19.37	20.91	19.41	20.32		
10	64QAM	1	0	18.98	19.46	19.01	19.32		
10	64QAM	1	25	18.89	19.76	18.98	19.39		
10	64QAM	1	49	18.85	19.59	18.89	19.00	19.5	3
10	64QAM	25	0	18.22	18.78	18.43	18.87		
10	64QAM	25	12	18.31	19.13	18.49	19.02		
10	64QAM	25	25	18.19	18.90	18.41	18.76		
10	64QAM	50	0	18.28	19.06	18.65	18.80	17.5	5
10	256QAM	1	0	16.26	17.24	16.97	16.99		
10	256QAM	1	25	16.03	16.75	16.03	16.94		
10	256QAM	1	49	16.02	16.52	16.25	16.87		
10	256QAM	25	0	16.25	17.28	16.86	17.14	17.5	5
10	256QAM	25	12	16.35	17.02	16.81	17.01		
10	256QAM	25	25	16.06	16.83	16.08	17.13		
10	256QAM	50	0	16.10	16.78	15.94	17.05		
Channel				55295	55610	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				55295	55610	56170	56715		
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		
5	QPSK	1	24	20.97	21.85	21.32	21.85		
5	QPSK	12	0	20.48	21.41	21.13	21.39		
5	QPSK	12	7	20.34	20.89	20.59	21.43	21.5	1
5	QPSK	12	13	20.51	20.89	20.44	21.41		
5	QPSK	25	0	21.16	21.47	21.00	21.37		
5	16QAM	1	0	19.92	20.67	20.33	21.12		
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		
5	16QAM	12	0	19.91	19.90	19.35	20.39		
5	16QAM	12	7	19.13	19.82	19.02	20.17		
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		
5	64QAM	1	0	18.96	19.49	19.03	19.36		
5	64QAM	1	12	18.91	19.69	18.89	19.37		
5	64QAM	1	24	18.92	19.72	19.07	19.19	19.5	3
5	64QAM	12	0	18.27	18.84	18.51	18.85		
5	64QAM	12	7	18.30	19.09	18.44	19.00		
5	64QAM	12	13	18.29	18.82	18.60	18.96		
5	64QAM	25	0	18.16	19.07	18.46	18.78	17.5	5
5	256QAM	1	0	16.25	17.35	16.88	17.03		
5	256QAM	1	12	15.97	16.90	16.07	17.04		
5	256QAM	1	24	16.00	16.54	16.29	16.86		
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		
5	256QAM	12	13	16.05	16.62	16.27	17.23		
5	256QAM	25	0	16.00	16.97	16.06	17.00		

Band 48_FCC Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch / Freq	Power Low Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)
Channel				55340	55630	56150	56640		
Frequency (MHz)				5505	3609	3641	3690		
20	QPSK	1	0	18.92	18.93	18.88	18.35	20	0
20	QPSK	1	49	18.82	18.79	18.71	18.38		
20	QPSK	1	99	18.67	18.88	18.72	18.24		
20	QPSK	50	0	17.79	18.01	17.82	17.34		
20	QPSK	50	24	17.85	17.85	17.74	17.28	19	1
20	QPSK	50	50	17.78	17.83	17.87	17.41		
20	QPSK	100	0	17.88	17.97	17.90	17.45		
20	16QAM	50	0	18.17	18.16	18.11	17.85		
20	16QAM	1	49	18.23	18.35	18.23	18.00	19	1
20	16QAM	1	99	18.18	18.33	18.22	17.74		
20	16QAM	50	0	17.27	16.95	17.27	16.82		
20	16QAM	50	24	17.28	16.99	17.35	16.88		
20	16QAM	50	50	17.27	17.14	17.24	16.82	18	2
20	16QAM	100	0	17.20	16.83	16.93	16.84		
20	64QAM	1	0	16.89	16.51	16.88	16.55		
20	64QAM	1	49	17.13	16.76	17.27	16.66		
20	64QAM	1	99	16.92	16.73	16.94	16.42	17	3
20	64QAM	50	0	16.23	15.95	16.25	15.77		
20	64QAM	50	24	16.25	15.04	16.33	15.40		
20	64QAM	50	50	16.26	15.17	16.12	15.72		
20	64QAM	100	0	16.31	15.03	16.35	16.01		
20	256QAM	1	0	13.93	13.97	13.80	13.36	15	5
20	256QAM	1	49	13.91	13.70	13.79	13.37		
20	256QAM	1	99	13.72	13.88	13.74	13.33		
20	256QAM	50	0	13.86	13.94	13.89	13.44		
20	256QAM	50	24	13.89	14.01	13.83	13.37	15	5
20	256QAM	50	50	13.71	13.80	13.71	13.29		
20	256QAM	100	0	13.96	13.92	13.70	13.20		
Channel				35315	35722	36455	36966		
Frequency (MHz)				3507.5 <th>3608<th>3642<th>3692.5<td></td><td></td></th></th></th>	3608 <th>3642<th>3692.5<td></td><td></td></th></th>	3642 <th>3692.5<td></td><td></td></th>	3692.5 <td></td> <td></td>		
15	QPSK	1	0	18.72	18.68	18.86	18.22	20	
15	QPSK	1	37	18.85	18.81	18.87	18.27		
15	QPSK	1	74	18.67	18.75	18.67	18.36		
15	QPSK	36	0	17.92	17.96	17.87	17.45		
15	QPSK	36	20	17.74	17.82	17.85	17.24	19	1
15	QPSK	36	29	17.79	17.67	17.65	17.49		
15	QPSK	75	0	17.79	17.92	17.81	17.49		
15	16QAM	1	0	18.21	18.23	18.02	17.96		
15	16QAM	1	37	18.51	18.27	18.17	18.10	19	1
15	16QAM	1	74	18.03	18.24	18.37	17.73		
15	16QAM	36	0	17.27	17.39	17.37	16.80		
15	16QAM	36	20	17.16	17.20	17.46	16.78		
15	16QAM	36	29	17.18	17.17	17.48	16.68	18	2
15	16QAM	75	0	17.17	17.35	17.48	16.93		
15	64QAM	1	0	16.91	16.85	16.85	16.56		
15	64QAM	1	37	17.12	17.33	17.15	16.78		
15	64QAM	1	74	17.01	17.04	16.99	16.72	18	
15	64QAM	36	0	16.20	16.36	16.21	15.67		
15	64QAM	36	20	16.18	16.28	16.42	15.52		
15	64QAM	36	29	16.38	16.07	16.20	15.59		
15	64QAM	75	0	16.18	16.20	16.37	15.99	17	3
15	256QAM	1	0	13.87	13.99	13.62	13.35		
15	256QAM	1	37	13.76	13.52	13.60	13.35		
15	256QAM	1	74	13.63	13.82	13.68	13.20		
15	256QAM	36	0	13.67	13.80	13.73	13.26	15	5
15	256QAM	36	20	13.79	13.93	13.72	13.35		
15	256QAM	36	29	13.70	13.76	13.67	13.30		
15	256QAM	75	0	13.42	13.73	13.53	13.08		
Channel				56206	56815	56165	56905	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				3505	3607.5	3642.5	3696		
10	QPSK	1	0	18.80	18.73	18.74	18.37	20	
10	QPSK	1	25	18.70	18.86	18.86	18.25		
10	QPSK	1	49	18.68	18.76	18.81	18.30		
10	QPSK	25	0	17.77	17.91	17.96	17.31		
10	QPSK	25	12	17.61	17.75	17.75	17.23	19	1
10	QPSK	25	25	17.87	17.93	17.67	17.56		
10	QPSK	50	0	17.81	17.90	17.82	17.53		
10	16QAM	1	0	18.24	18.09	17.97	17.82		
10	16QAM	1	25	18.25	18.13	18.15	17.96	19	1
10	16QAM	1	49	17.89	18.32	18.08	17.78		
10	16QAM	25	0	17.26	17.25	17.35	16.66		
10	16QAM	25	12	17.22	17.11	17.18	16.78		
10	16QAM	25	25	17.22	17.09	17.18	16.55	18	2
10	16QAM	50	0	17.14	17.39	17.52	16.90		
10	64QAM	1	0	16.97	16.89	16.87	16.65		
10	64QAM	1	25	17.22	17.25	17.08	16.83		
10	64QAM	1	49	16.89	17.09	16.88	16.42	18	2
10	64QAM	25	0	16.07	16.31	16.30	15.79		
10	64QAM	25	12	16.20	16.36	16.41	15.92		
10	64QAM	49	25	16.49	16.02	16.21	15.76		
10	256QAM	1	0	16.10	16.16	16.43	15.92	17	3
10	256QAM	1	0	13.74	13.93	13.80	13.19		
10	256QAM	1	25	13.92	13.50	13.69	13.16		
10	256QAM	1	49	13.69	13.97	13.67	13.21		
10	256QAM	25	0	13.69	13.93	13.82	13.27	15	5
10	256QAM	25	12	13.82	13.85	13.81	13.37		
10	256QAM	25	25	13.98	13.71	13.73	13.24		
10	256QAM	50	0	13.52	13.93	13.55	13.05		
Channel				56205	56810	56170	56715	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3507	3643	3697.5		
5	QPSK	1	0	18.81	18.75	18.85	18.37	20	0
5	QPSK	1	12	18.79	18.76	18.81	18.34		
5	QPSK	1	24	18.71	18.71	18.84	18.31		
5	QPSK	12	0	17.89	17.87	17.85	17.41		
5	QPSK	12	13	17.62	17.65	17.74	17.53	19	1
5	QPSK	12	13	17.85	17.88	17.91	17.54		
5	QPSK	25	0	17.86	18.08	17.97	16.90		
5	16QAM	1	0	18.19	18.15	18.09	17.74		
5	16QAM	1	12	18.30	18.12	18.25	17.82	19	1
5	16QAM	1	24	17.97	18.21	18.09	17.74		
5	16QAM	12	0	17.11	17.25	17.34	16.61		
5	16QAM	12	7	17.10	17.15	17.37	16.88		
5	16QAM	12	13	17.26	16.84	17.19	16.65	18	2
5	16QAM	25	0	17.18	17.36	17.52	16.97		
5	64QAM	1	0	16.86	16.75	16.93	16.66		
5	64QAM	1	12	17.08	17.13	16.98	16.80		
5	64QAM	1	24	16.87	17.09	16.92	16.38	18	2
5	64QAM	12	0	15.99	16.42	16.25	15.84		
5	64QAM	12	7	16.12	16.31	16.37	15.99		
5	64QAM	12	13	16.16	16.11	16.20	15.54		
5	256QAM	1	0	13.79	13.89	13.77	13.36	15	5
5	256QAM	1	12	13.76	13.79	13.64	13.24		
5	256QAM	1	24	13.55	13.89	13.74	13.34		
5	256QAM	12	0	13.98	13.75	13.87	13.42		
5	256QAM	12	7	13.70	13.87	13.71	13.28	15	5
5	256QAM	12	13	13.56	13.67	13.69	13.22		
5	256QAM	25	0	13.39	13.73	13.53	13.07		

Band 2 Ant 0 Down power										
Site (MHz)	Modulation	RIS Size	RIS Config	Power Class	Power Class Ch. 1 (dBm)	Power Class Ch. 2 (dBm)	Power Class Ch. 3 (dBm)	Power Class Ch. 4 (dBm)	Transmit Power (dBm)	APRS Status
Frequency (MHz)										
20	QPSK	1	0	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	1	49	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	1	99	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	0	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	50	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	100	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	150	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	200	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	250	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	300	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	350	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	400	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	450	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	500	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	550	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	600	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	650	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	700	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	750	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	800	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	850	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	900	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	950	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1000	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1050	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1100	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1150	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1200	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1250	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1300	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1350	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1400	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1450	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1500	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1550	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1600	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1650	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1700	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1750	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1800	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1850	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1900	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	1950	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2000	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2050	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2100	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2150	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2200	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2250	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2300	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2350	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2400	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2450	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2500	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2550	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2600	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2650	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2700	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2750	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2800	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2850	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2900	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	2950	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3000	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3050	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3100	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3150	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3200	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3250	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3300	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3350	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3400	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3450	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3500	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3550	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3600	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3650	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3700	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3750	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3800	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3850	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3900	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	3950	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4000	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4050	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4100	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4150	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4200	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4250	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4300	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4350	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4400	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4450	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4500	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4550	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4600	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4650	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4700	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4750	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4800	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4850	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4900	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	4950	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5000	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5050	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5100	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5150	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5200	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5250	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5300	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5350	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5400	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5450	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5500	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5550	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5600	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5650	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5700	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5750	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5800	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5850	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5900	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	5950	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	6000	18.80	18.80	18.80	18.80	18.80	21	0
20	QPSK	50	6050	18.80	18.80	18.80	18.80	18.80	21	0
20	QPS									

Band 2 Ant 0 For ENDC										
SRN (MHz)	Modulation	SRN Size	SRN Offset	Power (dBm)	Power (dBm) (Ch. 1)	Power (dBm) (Ch. 2)	Power (dBm) (Ch. 3)	Power (dBm) (Ch. 4)	Forward Link (dBm)	SRN (dBm)
Frequency (MHz)										
20	QPSK	1	0	16.90	16.93	16.97				
20	QPSK	1	1	16.90	16.93	16.97				
20	QPSK	1	36	16.98	16.91	16.98				
20	QPSK	1	37	16.76	16.71	16.75				
20	QPSK	55	20	16.76	16.84	16.88				15
20	QPSK	55	20	16.76	16.84	16.88				
20	QPSK	1	0	16.75	16.84	16.97				
20	QPSK	1	49	16.73	16.88	16.89				15
20	QPSK	55	20	16.73	16.88	16.89				
20	QPSK	55	70	16.81	16.79	16.84				
20	QPSK	55	24	16.72	16.77	16.82				15
20	QPSK	55	24	16.72	16.77	16.82				
20	QPSK	1	0	16.80	16.78	16.71				
20	QPSK	1	36	16.72	16.77	16.87				
20	QPSK	1	36	16.84	16.81	16.85				
20	QPSK	55	20	16.76	16.84	16.88				15
20	QPSK	55	20	16.76	16.84	16.88				
20	QPSK	1	0	16.80	16.80	16.80				
20	QPSK	1	49	16.71	16.70	16.79				15
20	QPSK	55	20	16.58	16.77	16.80				
20	QPSK	55	20	16.58	16.77	16.80				15
20	QPSK	100	0	16.47	16.47	16.47				
20	QPSK	100	0	16.74	16.71	16.87				
Channel										
Frequency (MHz)										
15	QPSK	1	0	16.77	16.75	16.87				
15	QPSK	1	36	16.57	16.71	16.87				15
15	QPSK	1	36	16.73	16.68	16.87				
15	QPSK	36	0	16.55	16.77	16.48				
15	QPSK	36	0	16.54	16.64	16.48				15
15	QPSK	36	19	16.54	16.74	16.57				
15	QPSK	75	0	16.55	16.74	16.37				
15	QPSK	1	0	16.50	16.53	16.54				
15	QPSK	1	36	16.42	16.74	16.57				15
15	QPSK	1	78	16.37	16.62	16.62				
15	QPSK	36	20	16.71	16.65	16.65				
15	QPSK	36	20	16.41	16.48	16.58				
15	QPSK	36	30	16.55	16.58	16.58				
15	QPSK	36	30	16.57	16.57	16.58				
15	QPSK	1	0	16.38	16.38	16.38				
15	QPSK	1	36	16.43	16.74	16.73				
15	QPSK	1	36	16.47	16.74	16.74				
15	QPSK	36	0	16.42	16.73	16.25				15
15	QPSK	36	20	16.51	16.50	16.50				
15	QPSK	36	20	16.57	16.57	16.57				
15	QPSK	75	0	16.36	16.57	16.11				
15	QPSK	1	0	16.76	16.81	16.80				
15	QPSK	1	36	16.74	16.84	16.84				15
15	QPSK	1	78	16.81	16.84	16.81				
15	QPSK	36	20	16.57	16.57	16.57				
15	QPSK	36	20	16.57	16.57	16.57				15
15	QPSK	36	30	16.57	16.57	16.57				
15	QPSK	36	30	16.57	16.57	16.57				
15	QPSK	75	0	16.76	16.81	16.80				
15	QPSK	1	0	16.76	16.81	16.80				
15	QPSK	1	36	16.74	16.84	16.84				15
15	QPSK	1	78	16.81	16.84	16.81				
15	QPSK	36	20	16.57	16.57	16.57				
15	QPSK	36	20	16.57	16.57	16.57				15
15	QPSK	36	30	16.57	16.57	16.57				
15	QPSK	36	30	16.57	16.57	16.57				
Channel										
Frequency (MHz)										
10	QPSK	1	0	16.71	16.71	16.71				
10	QPSK	1	36	16.56	16.56	16.56				15
10	QPSK	1	48	16.58	16.61	16.62				
10	QPSK	1	48	16.61	16.64	16.65				
10	QPSK	36	19	16.59	16.72	16.51				
10	QPSK	36	20	16.49	16.56	16.59				
10	QPSK	36	20	16.51	16.58	16.61				
10	QPSK	1	0	16.53	16.59	16.61				
10	QPSK	1	48	16.60	16.69	16.70				
10	QPSK	1	48	16.63	16.72	16.73				
10	QPSK	36	19	16.58	16.71	16.54				
10	QPSK	36	20	16.55	16.63	16.63				
10	QPSK	36	20	16.57	16.65	16.64				
10	QPSK	1	0	16.56	16.69	16.50				
10	QPSK	1	36	16.48	16.69	16.50				15
10	QPSK	1	36	16.48	16.69	16.50				
10	QPSK	1	36	16.48	16.69	16.50				
10	QPSK	1	48	16.61	16.61	16.64				
10	QPSK	1	48	16.64	16.65	16.68				
10	QPSK	36	19	16.58	16.71	16.54				
10	QPSK	36	20	16.48	16.56	16.57				
10	QPSK	36	20	16.51	16.72	16.61				
10	QPSK	36	20	16.53	16.73	16.62				
10	QPSK	1	0	16.50	16.50	16.50				
10	QPSK	36	0	16.51	16.52	16.53				
10	QPSK	36	20	16.75	16.77	16.78				15
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				
10	QPSK	36	20	16.75	16.77	16.78				

[illegible]

Band 4 Ant D Down power										
BS (MHz)	Modulation	PRB Size	RB Offset	Power P _{max} (W)	Power P _{max} (W)	Power P _{max} (W)	Power P _{max} (W)	Power P _{max} (W)	Power P _{max} (W)	Power P _{max} (W)
Frequency (MHz)										
20	QPSK	1	0	19.24	19.28	19.05				
20	QPSK	1	5	19.24	19.28	19.05				
20	QPSK	1	10	19.27	19.37	19.12				
20	QPSK	50	0	19.26	19.30	19.17				
20	QPSK	50	50	19.25	19.31	19.09				
20	QPSK	100	0	19.27	19.38	19.11				
20	QPSK	100	50	19.27	19.37	19.11				
20	QPSK	1	40	19.22	19.32	19.03				
20	QPSK	1	45	19.22	19.32	19.03				
20	QPSK	1	55	19.21	19.31	19.02				
20	QPSK	50	24	19.20	19.30	19.04				
20	QPSK	50	29	19.20	19.30	19.04				
20	QPSK	100	25	19.19	19.29	19.03				
20	QPSK	100	50	19.19	19.29	19.03				
20	QPSK	1	0	19.10	19.23	18.90				
20	QPSK	1	5	19.10	19.23	18.90				
20	QPSK	1	10	19.11	19.24	18.91				
20	QPSK	1	15	19.11	19.24	18.91				
20	QPSK	50	0	19.10	19.23	18.90				
20	QPSK	50	50	19.10	19.23	18.90				
20	QPSK	100	0	19.10	19.23	18.90				
20	QPSK	100	50	19.10	19.23	18.90				
20	QPSK	1	40	19.04	19.17	18.87				
20	QPSK	1	45	19.04	19.17	18.87				
20	QPSK	1	55	19.03	19.16	18.85				
20	QPSK	50	24	19.03	19.16	18.85				
20	QPSK	50	29	19.03	19.16	18.85				
20	QPSK	100	25	19.02	19.15	18.84				
20	QPSK	100	50	19.02	19.15	18.84				
20	QPSK	1	0	18.97	19.10	18.79				
20	QPSK	1	5	18.97	19.10	18.79				
20	QPSK	1	10	18.98	19.12	18.79				
20	QPSK	50	0	18.97	19.10	18.79				
20	QPSK	50	50	18.97	19.10	18.79				
20	QPSK	100	0	18.97	19.10	18.79				
20	QPSK	100	50	18.97	19.10	18.79				
20	QPSK	1	40	18.96	19.09	18.78				
20	QPSK	1	45	18.96	19.09	18.78				
20	QPSK	1	55	18.95	19.08	18.77				
20	QPSK	50	24	18.95	19.08	18.77				
20	QPSK	50	29	18.95	19.08	18.77				
20	QPSK	100	25	18.94	19.07	18.76				
20	QPSK	100	50	18.94	19.07	18.76				
20	QPSK	1	0	18.86	19.01	18.69				
20	QPSK	1	5	18.86	19.01	18.69				
20	QPSK	1	10	18.87	19.02	18.70				
20	QPSK	1	15	18.87	19.02	18.70				
20	QPSK	50	0	18.86	19.01	18.69				
20	QPSK	50	50	18.86	19.01	18.69				
20	QPSK	100	0	18.86	19.01	18.69				
20	QPSK	100	50	18.86	19.01	18.69				
20	QPSK	1	40	18.82	18.97	18.65				
20	QPSK	1	45	18.82	18.97	18.65				
20	QPSK	1	55	18.81	18.96	18.64				
20	QPSK	50	24	18.81	18.96	18.64				
20	QPSK	50	29	18.81	18.96	18.64				
20	QPSK	100	25	18.80	18.95	18.63				
20	QPSK	100	50	18.80	18.95	18.63				
20	QPSK	1	0	18.70	18.85	18.53				
20	QPSK	1	5	18.70	18.85	18.53				
20	QPSK	1	10	18.71	18.86	18.54				
20	QPSK	1	15	18.71	18.86	18.54				
20	QPSK	50	0	18.70	18.85	18.53				
20	QPSK	50	50	18.70	18.85	18.53				
20	QPSK	100	0	18.70	18.85	18.53				
20	QPSK	100	50	18.70	18.85	18.53				
20	QPSK	1	40	18.69	18.84	18.52				
20	QPSK	1	45	18.69	18.84	18.52				
20	QPSK	1	55	18.68	18.83	18.51				
20	QPSK	50	24	18.68	18.83	18.51				
20	QPSK	50	29	18.68	18.83	18.51				
20	QPSK	100	25	18.67	18.82	18.50				
20	QPSK	100	50	18.67	18.82	18.50				
20	QPSK	1	0	18.58	18.73	18.41				
20	QPSK	1	5	18.58	18.73	18.41				
20	QPSK	1	10	18.59	18.74	18.42				
20	QPSK	1	15	18.59	18.74	18.42				
20	QPSK	50	0	18.57	18.72	18.40				
20	QPSK	50	50	18.57	18.72	18.40				
20	QPSK	100	0	18.57	18.72	18.40				
20	QPSK	100	50	18.57	18.72	18.40				
20	QPSK	1	40	18.56	18.71	18.39				
20	QPSK	1	45	18.56	18.71	18.39				
20	QPSK	1	55	18.55	18.70	18.38				
20	QPSK	50	24	18.55	18.70	18.38				
20	QPSK	50	29	18.55	18.70	18.38				
20	QPSK	100	25	18.54	18.69	18.37				
20	QPSK	100	50	18.54	18.69	18.37				
20	QPSK	1	0	18.45	18.60	18.28				
20	QPSK	1	5	18.45	18.60	18.28				
20	QPSK	1	10	18.46	18.61	18.29				
20	QPSK	1	15	18.46	18.61	18.29				
20	QPSK	50	0	18.45	18.60	18.28				
20	QPSK	50	50	18.45	18.60	18.28				
20	QPSK	100	0	18.45	18.60	18.28				
20	QPSK	100	50	18.45	18.60	18.28				
20	QPSK	1	40	18.41	18.56	18.24				
20	QPSK	1	45	18.41	18.56	18.24				
20	QPSK	1	55	18.40	18.55	18.23				
20	QPSK	50	24	18.40	18.55	18.23				
20	QPSK	50	29	18.40	18.55	18.23				
20	QPSK	100	25	18.39	18.54	18.22				
20	QPSK	100	50	18.39	18.54	18.22				
20	QPSK	1	0	18.30	18.45	18.13				
20	QPSK	1	5	18.30	18.45	18.13				
20	QPSK	1	10	18.31	18.46	18.14				
20	QPSK	1	15	18.31	18.46	18.14				
20	QPSK	50	0	18.30	18.45	18.13				
20	QPSK	50	50	18.30	18.45	18.13				
20	QPSK	100	0	18.30	18.45	18.13				
20	QPSK	100	50	18.30	18.45	18.13				
20	QPSK	1	40	18.29	18.44	18.12				
20	QPSK	1	45	18.29	18.44	18.12				
20	QPSK	1	55	18.28	18.43	18.11				
20	QPSK	50	24	18.28	18.43	18.11				
20	QPSK	50	29	18.28	18.43	18.11				
20	QPSK	100	25	18.27	18.42	18.10				
20	QPSK	100	50	18.27	18.42	18.10				
20	QPSK	1	0	18.18	18.33	18.01				
20	QPSK	1	5	18.18	18.33	18.01				
20	QPSK	1	10	18.19	18.34	18.02				
20	QPSK	1	15	18.19	18.34	18.02				
20	QPSK	50	0	18.18	18.33	18.01				
20	QPSK	50	50	18.18	18.33	18.01				
20	QPSK	100	0	18.18	18.33	18.01				
20	QPSK	100	50	18.18	18.33	18.01				
20	QPSK	1	40	18.17	18.32	17.99				
20	QPSK	1	45	18.17	18.32	17.99				
20	QPSK	1	55	18.16	18.31	17.98				
20	QPSK	50	24	18.16	18.31	17.98				
20	QPSK	50	29	18.16	18.31	17.98				
20	QPSK	100	25	18.15	18.30	17.97				
20	QPSK	100	50	18.15	18.30	17.97				
20	QPSK	1	0	18.06	18.21	17.89				
20	QPSK	1	5	18.06	18.21	17.89				
20	QPSK	1	10	18.07	18.22	17.90				
20	QPSK	1	15	18.07	18.22	17.90				
20	QPSK	50	0	18.06	18.21	17.89				
20	QPSK	50	50	18.06	18.21	17.89				
20	QPSK	100	0	18.06	18.21	17.89				
20	QPSK	100	50	18.06	18.21	17.89				
20	QPSK	1	40	18.05	18.20	17.88				
20	QPSK	1	45	18.05	18.20	17.88				
20	QPSK	1	55	18.04	18.19	17.87				
20	QPSK	50	24	18.04	18.19	17.87				
20	QPSK	50	29	18.04	18.19	17.87				
20	QPSK	100	25	18.03	18.18	17.86				
20	QPSK	100	50	18.03	18.18	17.86				
20	QPSK	1	0	17.94	18.09	17.77				
20	QPSK	1	5	17.94	18.09	17.77				
20	QPSK	1	10	17.95	18.10	17.78				
20	QPSK	1	15	17.95	18.10	17.78				
20	QPSK	50	0	17.94	18.09	17.77				
20	QPSK	50	50	17.94	18.09	17.77				
20	QPSK	100	0	17.94	18.09	17.77				
20	QPSK									

[illegible]

Band 4 Ant 6 For ENDC												
Ref (MHz)	Modulation	PRB Size	PRB Offset	Power Ch. 1/Ch. 2	Power Ch. 1/Ch. 2	Power Ch. 1/Ch. 2	Power Ch. 1/Ch. 2	Power Ch. 1/Ch. 2	Power Ch. 1/Ch. 2	Time Slot (ms)	MFR (MHz)	
Frequency (MHz)												
20	QPSK	1	0	20.11	20.39	20.44				21.5	0	
20	QPSK	1	0	20.11	20.39	20.44						
20	QPSK	1	99	20.43	20.10	20.36						
20	QPSK	50	0	20.26	20.54	20.27						
20	QPSK	50	0	20.26	20.54	20.27						
20	QPSK	50	50	20.37	20.21	20.33				21.5	0	
20	QPSK	100	0	20.22	20.52	20.26						
20	QPSK	100	0	20.22	20.52	20.26						
20	QPSK	1	49	20.48	20.38	20.47				21.5	0	
20	QPSK	1	99	20.48	20.39	20.47						
20	QPSK	50	50	20.37	20.21	20.33						
20	QPSK	100	50	20.42	20.34	20.43				21.5	0	
20	QPSK	100	50	20.42	20.39	20.43						
20	QPSK	1	0	20.52	20.27	20.54						
20	QPSK	1	0	20.52	20.27	20.54				21.5	0	
20	QPSK	1	99	20.52	20.28	20.53						
20	QPSK	50	50	20.36	20.37	20.37				21	0.5	
20	QPSK	100	0	20.42	20.39	20.43						
20	QPSK	1	49	17.86	17.89	17.86				10	2.0	
20	QPSK	1	99	17.71	17.72	17.89						
20	QPSK	50	50	17.86	17.89	17.86						
20	QPSK	50	50	17.86	17.89	17.86						
20	QPSK	50	24	17.72	17.81	17.82				10	2.0	
20	QPSK	100	0	17.86	17.89	17.86						
20	QPSK	100	0	17.86	17.89	17.86						
Channel				96.03	96.03	96.03	20.37	20.37		Time Slot (ms)	MFR (MHz)	
Frequency (MHz)												
15	QPSK	1	0	20.04	20.04	20.30				21.5	0	
15	QPSK	1	97	20.27	20.27	20.27						
15	QPSK	1	99	20.28	20.28	20.28						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	0	20.20	20.33	20.16				21.5	0	
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.19	20.22						
15	QPSK	75	0	20.25	20.19	20.22				21.5	0	
15	QPSK	75	99	20.25	20.19	20.22						
15	QPSK	75	99	20.25	20.19	20.22						
15	QPSK	1	74	20.00	20.37	20.05				21.5	0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				21.5	0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				21	0.5	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				10	2.0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						
15	QPSK	75	0	20.25	20.39	20.10				21.5	0	
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	75	99	20.25	20.39	20.10						
15	QPSK	1	74	20.00	20.37	20.05				10	2.0	
15	QPSK	1	99	20.22	20.23	20.32						
15	QPSK	36	0	20.20	20.33	20.16						
15	QPSK	36	99	20.20	20.33	20.16						
15	QPSK	75	0	20.25	20.39	20.10						

Band 13 Ant 0 For ENDC									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Max Ch./Freq	Power High Ch./Freq	Transmit Int. (dB)	MPE (dB)	
Channel									
Frequency (MHz)									
T32									
10	QPSK	1	0		21.20		22	0	
10	QPSK	1	20		21.02				
10	QPSK	1	40		21.20				
10	QPSK	20	0		21.02		22	0	
10	QPSK	20	12		21.14				
10	QPSK	20	20		21.01				
10	QPSK	20	0		20.99		22	0	
10	16QAM	1	0		21.13				
10	16QAM	1	20		21.06				
10	16QAM	1	40		21.11		22	0	
10	16QAM	20	0		21.00				
10	16QAM	20	12		21.02				
10	16QAM	20	20		21.05		22	0	
10	16QAM	50	0		21.23				
10	16QAM	1	0		21.03		22	0	
10	16QAM	1	20		21.21				
10	16QAM	1	40		21.22				
10	16QAM	20	0		20.99		21	1	
10	16QAM	20	12		20.91				
10	16QAM	20	20		20.99				
10	256QAM	1	0		18.29		19	3	
10	256QAM	1	20		17.99				
10	256QAM	1	40		18.26				
10	256QAM	20	0		18.48		19	3	
10	256QAM	20	12		18.26				
10	256QAM	20	20		18.09				
10	256QAM	50	0		18.06				
Channel									
Frequency (MHz)									
T3220									
5	QPSK	1	0	21.20	21.05	21.15	22	0	
5	QPSK	1	10	21.01	21.01	20.99			
5	QPSK	1	24	21.20	20.94	21.08			
5	QPSK	12	0	21.19	20.99	21.09	22	0	
5	QPSK	12	7	21.04	20.99	20.98			
5	QPSK	12	13	21.18	21.03	21.06			
5	QPSK	20	0	21.02	20.91	21.00	22	0	
5	16QAM	1	0	21.21	20.90	21.01			
5	16QAM	1	12	21.05	20.99	21.04			
5	16QAM	1	24	21.11	20.94	21.07	22	0	
5	16QAM	12	0	21.15	21.02	20.97			
5	16QAM	12	7	21.10	20.93	21.06			
5	16QAM	12	13	21.10	20.95	20.96	21	1	
5	16QAM	20	0	21.04	20.99	21.10			
5	16QAM	1	0	21.17	20.90	21.15			
5	16QAM	1	10	21.10	21.00	21.02	22	0	
5	16QAM	1	24	21.06	21.09	21.04			
5	16QAM	12	0	20.91	20.40	20.31	21		
5	16QAM	12	7	20.97	20.44	20.35			
5	16QAM	12	13	20.41	20.20	20.49			
5	256QAM	20	0	18.07	18.10	18.25	19	3	
5	256QAM	1	12	17.86	17.71	17.97			
5	256QAM	1	24	18.06	18.21	18.06			
5	256QAM	12	0	18.10	18.13	18.10	19	3	
5	256QAM	12	7	18.17	18.14	17.97			
5	256QAM	12	13	18.08	17.75	17.96			
5	256QAM	20	0	17.85	17.81	17.85			

Band 66 Ant 0 Down power												
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Max Ch./Freq	Power High Ch./Freq	Transmit Int. (dB)	MPE (dB)				
Channel												
Frequency (MHz)												
T320												
20	QPSK	1	0		18.18	18.30	20	0				
20	QPSK	1	40		18.30	18.19						
20	QPSK	1	80		18.08	18.19						
20	QPSK	20	0		18.07	18.20	20	0				
20	QPSK	20	12		18.36	18.18						
20	QPSK	20	20		18.20	18.09						
20	QPSK	50	0		18.02	17.60	20	0				
20	16QAM	1	0		18.36	18.12						
20	16QAM	1	40		18.34	18.09						
20	16QAM	1	80		18.25	18.01	20	0				
20	16QAM	20	0		18.09	18.08						
20	16QAM	20	12		18.25	18.08						
20	16QAM	20	20		18.21	18.06	20	0				
20	16QAM	50	0		18.09	18.04						
20	16QAM	100	0		18.30	18.04						
20	16QAM	1	0		18.36	18.12	20	0				
20	16QAM	1	40		18.11	18.10						
20	16QAM	1	80		18.21	18.17						
20	16QAM	20	0		18.25	18.05	20	0				
20	16QAM	20	12		18.34	18.13						
20	16QAM	20	24		18.34	18.13						
20	16QAM	50	0		18.30	18.26	19	1				
20	16QAM	100	0		17.99	17.74						
20	16QAM	1	0		18.25	18.00						
20	256QAM	1	0		18.26	18.14	19	1				
20	256QAM	1	24		17.79	17.74						
20	256QAM	50	0		17.89	17.85						
Channel												
Frequency (MHz)												
T3202												
16	QPSK	1	0	18.10	18.15	18.19	20	0				
16	QPSK	1	24	18.36	18.07	18.34						
16	QPSK	1	74	18.04	18.20	18.19						
16	QPSK	20	0	18.25	18.19	18.01	20	0				
16	QPSK	20	12	18.20	18.03	18.00						
16	QPSK	20	20	18.35	18.03	18.03						
16	QPSK	70	0	18.31	18.13	18.20	20	0				
16	16QAM	1	0	18.36	18.01	18.01						
16	16QAM	1	37	18.19	18.08	18.15						
16	16QAM	1	74	18.07	18.09	18.06	20	0				
16	16QAM	20	0	18.20	18.06	18.04						
16	16QAM	20	12	18.30	18.05	18.04						
16	16QAM	20	20	18.21	18.14	18.08	20	0				
16	16QAM	50	0	18.04	18.03	18.02						
16	16QAM	70	0	18.37	18.00	18.02	20	0				
16	16QAM	1	0	18.36	18.09	18.05						
16	16QAM	1	27	18.25	18.02	18.10	20	0				
16	16QAM	1	74	18.08	18.07	18.10						
16	16QAM	20	0	18.30	18.09	18.07	20	0				
16	16QAM	20	12	18.26	18.12	18.07						
16	16QAM	20	20	18.29	18.05	18.04						
16	16QAM	30	0	18.34	18.22	18.04	20	0				
16	16QAM	70	0	18.35	18.06	18.04						
16	16QAM	1	0	18.36	18.12	17.25						
16	256QAM	1	37	17.78	17.69	17.25	19	1				
16	256QAM	1	74	17.94	17.75	17.71						
16	256QAM	20	0	17.97	18.00	17.25						
16	256QAM	20	12	17.99	17.93	17.85	19	1				
16	256QAM	20	20	17.99	17.81	17.84						
16	256QAM	70	0	17.81	17.83	17.81						
Channel												
Frequency (MHz)												
T3202.5												
10	QPSK	1	0	18.17	18.07	18.34	20	0				
10	QPSK	1	20	18.14	18.05	18.03						
10	QPSK	1	40	18.20	18.05	18.08						
10	QPSK	20	0	18.25	18.12	18.04	20	0				
10	QPSK	20	12	18.27	18.15	18.07						
10	QPSK	20	20	18.35	18.03	18.03						
10	QPSK	70	0	18.31	18.13	18.20	20	0				
10	16QAM	1	0	18.36	18.01	18.01						
10	16QAM	1	37	18.19	18.08	18.15						
10	16QAM	1	74	18.07	18.09	18.06	20	0				
10	16QAM	20	0	18.20	18.06	18.04						
10	16QAM	20	12	18.30	18.05	18.04						
10	16QAM	20	20	18.21	18.14	18.08	20	0				
10	16QAM	50	0	18.04	18.03	18.02						
10	16QAM	70	0	18.37	18.00	18.02	20	0				
10	16QAM	1	0	18.36	18.09	18.05						
10	16QAM	1	27	18.25	18.02	18.10	20	0				
10	16QAM	1	74	18.08	18.07	18.10						
10	16QAM	20	0	18.30	18.09	18.07	20	0				
10	16QAM	20	12	18.26	18.12	18.07						
10	16QAM	20	20	18.29	18.05	18.04						
10	16QAM	30	0	18.34	18.22	18.04	20	0				
10	16QAM	70	0	18.35	18.06	18.04						
10	16QAM	1	0	18.36	18.12	17.25						
10	256QAM	1	37	17.78	17.69	17.25	19	1				
10	256QAM	1	74	17.94	17.75	17.71						
10	256QAM	20	0	17.97	18.00	17.25						
10	256QAM	20	12	17.99	17.93	17.85	19	1				
10	256QAM	20	20	17.99	17.81	17.84						
10	256QAM	70	0	17.81	17.83	17.81						
Channel												
Frequency (MHz)												
T3202.7												
14	QPSK	1	0	18.22	18.13	18.14	20	0				
14	QPSK	1	20	18.36	18.07	18.34						
14	QPSK	1	40	18.05	18.20	18.19						
14	QPSK	20	0	18.25	18.19	18.01	20	0				
14	QPSK	20	12	18.20	18.03	18.00						
14	QPSK	20	20	18.35	18.03	18.03						
14	QPSK	70	0	18.31	18.13	18.20	20	0				
14	16QAM	1	0	18.36	18.01	18.01						
14	16QAM	1	37	18.19	18.08	18.15						
14	16QAM	1	74	18.07	18.09	18.06	20	0				
14	16QAM	20	0	18.20	18.06	18.04						
14	16QAM	20	12	18.30	18.05	18.04						
14	16QAM	20	20	18.21	18.14	18.08	20	0				
14	16QAM	50	0	18.04	18.03	18.02						
14	16QAM	70	0	18.37	18.00	18.02	20	0				
14	16QAM	1	0	18.36	18.09	18.05						
14	16QAM	1	27	18.25	18.02	18.10	20	0				
14	16QAM	1	74	18.08	18.07	18.10						
14	16QAM	20	0	18.30	18.09	18.07	20	0				
14	16QAM	20	12	18.26	18.12	18.07						
14	16QAM	20	20	18.29	18.05	18.04						
14	16QAM	30	0	18.34	18.22	18.04	20	0				
14	16QAM	70	0	18.35	18.06	18.04						
14	16QAM	1	0	18.36	18.12	17.25						
14	256QAM	1	37	17.77	17.67	17.25	19	1				
14	256QAM	1	74	17.93	17.74	17.70						
14	256QAM	20	0	17.96	18.00	17.25						
14	256QAM	20	12	17.98	17.92	17.84	19	1				
14	256QAM	20	20	17.98	17.80	17.83						
14	256QAM	70	0	17.80	17.82	17.80						
Channel												
Frequency (MHz)												
T3202.9												
14	QPSK	1	0	18.22	18.13	18.14	20	0				
14	QPSK	1	20	18.36	18.07	18.34						
14	QPSK	1	40	18.05	18.20	18.19						
14	QPSK	20	0	18.25	18.19	18.01	20	0				
14	QPSK	20	12	18.20	18.03	18.00						
14	QPSK	20	20	18.35	18.03	18.03						
14	QPSK	70	0	18.31	18.13	18.20	20	0				
14	16QAM	1	0	18.36	18.01	18.01						
14	16QAM	1	37	18.19	18.08	18.15						
14	16QAM	1	74	18.07	18.09	18.06	20	0				
14	16QAM	20	0	18.20	18.06	18.04						
14	16QAM	20	12	18.30	18.05	18.04						
14	16QAM	20	20	18.21	18.14	18.08	20	0				
14	16QAM	50	0	18.04	18.03	18.02						
14	16QAM	70	0	18.37	18.00	18.02	20	0				
14	16QAM	1	0	18.36	18.09	18.05						
14	16QAM	1	27	18.25	18.02	18.10	20	0				
14	16QAM	1	74	18.08	18.07	18.10						
14	16QAM	20	0	18.30	18.09	18.07	20	0				
14	16QAM	20	12	18.26	18.12	18.07						
14	16QAM	20	20	18.29	18.05	18.04						
14	16QAM	30	0	18.34	18.22	18.04	20	0				
14	16QAM	70	0	18.35	18.06	18.04						
14	16QAM	1	0	18.36	18.12	17.25						
14	256QAM	1	37	17.77	17.67	17.25	19	1				
14	256QAM	1	74	17.93	17.74	17.70						
14	256QAM	20	0	17.96	18.00	17.25						
14	256QAM	20	12	17.98	17.92	17.84	19	1				
14	256QAM	20	20	17.98	17.80	17.83						
14	256QAM	70	0	17.80	17.82	17.80						
Channel												
Frequency (MHz)												
T3203												
14	QPSK	1	0	18.22	18.13	18.14	20	0				
14	QPSK	1	20	18.36	18.07	18.34						
14	QPSK	1	40	18.05	18.20	18.19						
14	QPSK	20	0	18.25	18.19	18.01	20	0				
14	QPSK	20	12	18.20	18.03	18.00						
14	QPSK	20	20	18.35	18.03	18.03						
14	QPSK	70	0	18.31	18.13	18.20	20	0				
14	16QAM	1	0	18.36	18.01	18.01						
14	16QAM	1	37	18.19	18.08	18.15						
14	16QAM	1	74	18.07	18.09	18.06	20	0				
14	16QAM	20	0	18.20	18.06	18.04						
14	16QAM	20	12	18.30	18.05	18.04						
14	16QAM	20	20	18.21	18.14	18.08	20	0				
14	16QAM	50	0	18.04	18.03	18.02						
14	16QAM	70	0	18.37	18.00	18.02	20	0				
14	16QAM	1	0	18.36	18.09	18.05						
14	16QAM	1	27	18.25	18.02	18.10	20	0				
14	16QAM	1	74	18.08	18.07	18.10						
14	16QAM	20	0	18.30	18.09	18.07	20	0				
14	16QAM	20	12	18.26	18.12	18.07						
14	16QAM	20	20</									

[illegible]

Band 66 Ant 6 For ENDC												
ENR (dB)	Modulation	Channel	RF Ch	RF Ch Freq	Power (dBm)	RF Ch Freq	Power (dBm)	RF Ch Freq	Power (dBm)	Intermod (dBm)	Intermod (dBm)	Spurs (dBm)
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.36	-20.36	20.36	20.36	20.36	20.36	21.5	0	
20	QPSK	1	49	20.37	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	1	99	20.27	-20.43	20.43	20.43	20.43	20.43			
20	QPSK	1	149	20.27	-20.43	20.43	20.43	20.43	20.43			
20	QPSK	50	24	20.26	-20.36	20.36	20.36	20.36	20.36	21.5	0	
20	QPSK	50	50	20.26	-20.48	20.48	20.48	20.48	20.48			
20	QPSK	50	74	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	99	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	124	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	149	20.27	-20.37	20.37	20.37	20.37	20.37	21.5	0	
20	QPSK	50	174	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	199	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	224	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	249	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	274	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	299	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	324	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	349	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	374	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	399	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	424	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	449	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	474	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	499	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	524	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	549	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	574	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	599	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	624	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	649	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	674	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	699	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	724	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	749	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	774	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	799	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	824	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	849	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	874	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	899	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	924	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	949	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	974	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	999	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1024	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1049	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1074	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1099	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1124	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1149	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1174	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1199	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1224	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1249	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1274	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1299	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1324	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1349	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1374	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1399	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1424	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1449	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1474	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1499	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1524	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1549	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1574	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1599	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1624	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1649	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1674	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1699	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1724	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1749	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1774	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1799	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1824	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1849	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1874	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1899	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1924	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1949	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1974	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	1999	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2024	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2049	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2074	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2099	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2124	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2149	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2174	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2199	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2224	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2249	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2274	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2299	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2324	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2349	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2374	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2399	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2424	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2449	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2474	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2499	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2524	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2549	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2574	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2599	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2624	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2649	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2674	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2699	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2724	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2749	20.27	-20.37	20.37	20.37	20.37	20.37			
20	QPSK	50	2774	20.27	-20.3							



Uplink CA Power

Full Power										Tune up (dBm)
CA_5B Ant 0										24
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	20501	QPSK	1	0	1	49	2	0	23.15	24

Full Power										Tune up (dBm)
CA_66B Ant 0										24
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										20
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	74	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										24
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										22
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										20
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										17
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										24
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										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				
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										24
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										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				
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										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				
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										17
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	21.39	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	25.0	0.0
Frequency (MHz)				1860	1880	1900		
20	Pl/2 BPSK	1	1	23.89	23.92	23.80		
20	Pl/2 BPSK	1	53	23.83	23.85	23.72	24.5	0.5
20	Pl/2 BPSK	1	104	23.84	23.84	23.74		
20	Pl/2 BPSK	50	0	23.34	23.41	23.34		
20	Pl/2 BPSK	50	28	23.90	23.90	23.87	24.5	0.5
20	Pl/2 BPSK	50	56	23.46	23.47	23.42		
20	Pl/2 BPSK	100	0	23.39	23.40	23.36		
20	QPSK	1	1	24.09	24.15	24.12	25.0	0.0
20	QPSK	1	53	24.12	24.10	24.08		
20	QPSK	1	104	24.10	24.14	24.08		
20	QPSK	50	0	23.30	23.31	23.22	24.0	1.0
20	QPSK	50	28	23.80	23.89	23.76		
20	QPSK	50	56	22.71	22.83	22.73		
20	QPSK	100	0	23.25	23.28	23.15	24.0	1.0
20	16QAM	1	1	22.42	22.56	22.49		
20	64QAM	1	1	21.30	21.36	21.19		
20	256QAM	1	1	19.11	19.15	19.09	20.5	4.5
Channel				371500	376000	380500	25.0	0.0
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.91	24.12	24.08		
Channel				371000	376000	381000	25.0	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.60	23.82	23.78		
Channel				370500	376000	381500	25.0	0.0
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.81	24.04	24.04		

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	25.0	0.0
Frequency (MHz)				1860	1880	1900		
20	Pl/2 BPSK	1	1	23.68	23.99	23.90		
20	Pl/2 BPSK	1	53	23.79	24.00	23.88	24.5	0.5
20	Pl/2 BPSK	1	104	23.74	24.03	23.75		
20	Pl/2 BPSK	50	0	23.36	23.51	23.36		
20	Pl/2 BPSK	50	28	23.95	24.04	23.73	24.5	0.5
20	Pl/2 BPSK	50	56	23.47	23.60	23.43		
20	Pl/2 BPSK	100	0	23.22	23.48	23.40		
20	QPSK	1	1	24.01	24.23	23.89	25.0	0.0
20	QPSK	1	53	23.93	24.21	24.13		
20	QPSK	1	104	23.86	24.15	24.01		
20	QPSK	50	0	22.79	23.03	22.81	24.0	1.0
20	QPSK	50	28	23.90	24.04	23.79		
20	QPSK	50	56	22.73	23.01	22.74		
20	QPSK	100	0	22.72	22.98	22.69	24.0	1.0
20	16QAM	1	1	22.74	22.90	22.81		
20	64QAM	1	1	21.38	21.50	21.26		
20	256QAM	1	1	19.32	19.57	19.46	20.5	4.5
Channel				371500	376000	380500	25.0	0.0
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.84	24.06	23.58		
Channel				371000	376000	381000	25.0	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.93	23.93	23.78		
Channel				370500	376000	381500	25.0	0.0
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.83	23.96	23.65		

n5 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				166800	167300	167800	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	24.02	24.07	24.00			
20	PI/2 BPSK	1	53	24.00	24.10	24.03	24.5	0.5	
20	PI/2 BPSK	1	104	23.91	23.92	23.92			
20	PI/2 BPSK	50	0	23.46	23.52	23.44			
20	PI/2 BPSK	50	28	23.85	23.92	23.87	25.0	0.0	
20	PI/2 BPSK	50	56	23.43	23.48	23.44	24.5	0.5	
20	PI/2 BPSK	100	0	23.38	23.47	23.39			
20	QPSK	1	1	24.23	24.34	24.18			
20	QPSK	1	53	24.08	24.15	24.07	25.0	0.0	
20	QPSK	1	104	23.88	23.93	23.88			
20	QPSK	50	0	23.36	23.43	23.40			
20	QPSK	50	28	23.92	23.98	23.95	25.0	0.0	
20	QPSK	50	56	22.96	23.02	22.96	24.0	1.0	
20	QPSK	100	0	23.31	23.47	23.41			
20	16QAM	1	1	22.84	22.91	22.89	24.0	1.0	
20	64QAM	1	1	21.67	21.72	21.69	22.5	2.5	
20	256QAM	1	1	19.27	19.33	19.25	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0	
15	QPSK	1	1	24.20	24.27	24.10			
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	25.0	0.0	
10	QPSK	1	1	24.22	24.26	24.12			
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0	
5	QPSK	1	1	24.19	24.29	24.10			

n5 Ant 1 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	25.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.04	23.20	22.96			
20	PI/2 BPSK	1	53	23.08	23.19	22.91	24.5	0.5	
20	PI/2 BPSK	1	104	23.07	23.16	23.05			
20	PI/2 BPSK	50	0	22.56	22.65	22.43			
20	PI/2 BPSK	50	28	23.12	23.30	23.09	25.0	0.0	
20	PI/2 BPSK	50	56	22.58	22.70	22.54	24.5	0.5	
20	PI/2 BPSK	100	0	22.64	22.94	22.68			
20	QPSK	1	1	23.03	23.31	23.00			
20	QPSK	1	53	22.99	23.20	22.90	25.0	0.0	
20	QPSK	1	104	22.48	22.68	22.48			
20	QPSK	50	0	22.22	22.49	22.40			
20	QPSK	50	28	23.09	23.27	23.12	25.0	0.0	
20	QPSK	50	56	22.08	22.33	22.16	24.0	1.0	
20	QPSK	100	0	22.27	22.51	22.39			
20	16QAM	1	1	22.49	22.64	22.36	24.0	1.0	
20	64QAM	1	1	20.81	21.08	20.89	22.5	2.5	
20	256QAM	1	1	19.04	19.17	18.95	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	25.0	0.0	
15	QPSK	1	1	22.73	23.01	22.82			
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	25.0	0.0	
10	QPSK	1	1	22.95	23.09	22.72			
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	25.0	0.0	
5	QPSK	1	1	22.74	23.16	22.90			

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	25.0	0.0	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	24.31	24.33	24.31			
20	PI/2 BPSK	1	53	24.35	24.35	24.32	24.5	0.5	
20	PI/2 BPSK	1	104	24.30	24.32	24.32			
20	PI/2 BPSK	50	0	23.77	23.77	23.75			
20	PI/2 BPSK	50	28	24.22	24.25	24.23	24.5	0.5	
20	PI/2 BPSK	50	56	23.72	23.78	23.75			
20	PI/2 BPSK	100	0	23.73	23.77	23.71			
20	QPSK	1	1	24.58	24.62	24.57	25.0	0.0	
20	QPSK	1	53	24.33	24.37	24.34			
20	QPSK	1	104	24.09	24.10	24.06			
20	QPSK	50	0	23.74	23.80	23.78	24.0	1.0	
20	QPSK	50	28	24.19	24.24	24.18			
20	QPSK	50	56	23.23	23.29	23.27			
20	QPSK	100	0	23.76	23.82	23.63	24.0	1.0	
20	16QAM	1	1	22.89	22.94	22.89			
20	64QAM	1	1	21.82	21.82	21.80			
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	25.0	0.0	
15	QPSK	1	1	24.41	24.56	24.40			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	25.0	0.0	
10	QPSK	1	1	24.42	24.58	24.35			
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	25.0	0.0	
5	QPSK	1	1	24.40	24.45	24.43			

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	25.0	0.0	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	24.23	24.48	24.28			
20	PI/2 BPSK	1	53	24.24	24.52	24.26	24.5	0.5	
20	PI/2 BPSK	1	104	24.44	24.57	24.48			
20	PI/2 BPSK	50	0	23.68	24.00	23.70			
20	PI/2 BPSK	50	28	24.41	24.51	24.34	24.5	0.5	
20	PI/2 BPSK	50	56	23.79	24.00	23.72			
20	PI/2 BPSK	100	0	23.88	24.09	23.93			
20	QPSK	1	1	24.21	24.58	24.24	25.0	0.0	
20	QPSK	1	53	24.16	24.43	24.31			
20	QPSK	1	104	24.35	24.44	24.17			
20	QPSK	50	0	23.20	23.47	23.34	24.0	1.0	
20	QPSK	50	28	24.29	24.52	24.27			
20	QPSK	50	56	23.21	23.41	23.33			
20	QPSK	100	0	23.32	23.44	23.14	24.0	1.0	
20	16QAM	1	1	23.51	23.61	23.51			
20	64QAM	1	1	21.96	22.07	21.99			
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	25.0	0.0	
15	QPSK	1	1	23.78	24.12	23.82			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	25.0	0.0	
10	QPSK	1	1	23.68	24.03	23.78			
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	25.0	0.0	
5	QPSK	1	1	23.69	23.91	23.73			

Part27Q n77 Ant 4 DFT-30 for S80									
SV [dBc]	Modulation	RB Size	RB Offset	Power Low Ch. [Frac]	Power Middle Ch. [Frac]	Power High Ch. [Frac]	Turn-up time (dBm)	MPS (dB)	
Channel									
Frequency [MHz]									
100	PUS2BPSK	1	1	0.55	0.50	0.55			
100	PUS2BPSK	1	127	0.44	0.50	0.44	20.0	0.0	
100	PUS2BPSK	1	255	0.07	0.50	0.44			
100	PUS2BPSK	128	0	0.50	0.50	0.50	20.0	0.0	
100	PUS2BPSK	128	60	0.47	0.50	0.45			
100	PUS2BPSK	128	128	0.27	0.50	0.30	20.0	0.0	
100	PUS2BPSK	256	0	0.50	0.50	0.50			
100	QPSK	1	1	0.50	0.50	0.50			
100	QPSK	1	127	0.45	0.50	0.40	20.0	0.0	
100	QPSK	1	255	0.00	0.50	0.38			
100	QPSK	128	0	0.47	0.50	0.50	20.0	0.0	
100	QPSK	128	60	0.44	0.50	0.44			
100	QPSK	128	128	0.30	0.50	0.38	20.0	1.0	
100	QPSK	256	0	0.50	0.50	0.50			
100	8QAM	1	1	0.50	0.50	0.50	20.0	2.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	0.50	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.46	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	0.40	0.50	0.50	20.0	0.0	
Channel									
Frequency [MHz]									

Part270 n77 Ant 4 DFT-30 for MIMO									
SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 (mW)	Power Max Ch. 1 (mW)	Power High Ch. 1 (mW)	Turn-up time (dBm)	MFR (dB)	
Channel				63000	63000	63000			
Frequency (MHz)									
180	PUSC BPSK	1	1	20.38	20.80	20.59			
180	PUSC BPSK	1	157	20.38	20.78	20.48	20.0	0.0	
180	PUSC BPSK	1	241	20.38	20.78	20.48			
180	PUSC BPSK	155	0	20.38	20.28	19.80	20.0	0.0	
180	PUSC BPSK	155	88	20.38	20.28	19.78		0.0	
180	PUSC BPSK	155	158	19.80	20.14	19.89	20.0	0.0	
180	PUSC BPSK	270	0	20.38	20.28	19.80			
180	QPSK	1	0	20.38	20.80	20.59			
180	QPSK	1	157	20.71	20.77	20.40	20.0	0.0	
180	QPSK	1	241	20.14	20.08	20.07			
180	QPSK	155	0	19.82	19.88	19.48	20.0	0.0	
180	QPSK	155	88	19.82	19.88	19.48		0.0	
180	QPSK	155	158	19.20	19.51	19.28	20.0	1.0	
180	QPSK	270	0	19.20	19.58	19.42			
180	16QAM	1	0	19.48	19.87	19.60	20.0	1.0	
180	16QAM	1	1	19.74	19.34	19.29	19.0	2.0	
180	256QAM	1	1	19.78	19.07	19.07	19.0	4.0	
Channel				63000	63000	63000	Turn-up time (dBm)	MFR	
Frequency (MHz)									
90	QPSK	1	1	20.38	20.80	20.59			
Channel				63000	63000	63000	Turn-up time (dBm)	MFR	
Frequency (MHz)									
80	QPSK	1	1	20.30	20.80	20.59	20.0	0.0	
Channel				63000	63000	63000	Turn-up time (dBm)	MFR	
Frequency (MHz)									
40	QPSK	1	1	20.46	20.74	20.68	20.0	0.0	
Channel				63000	63000	63000	Turn-up time (dBm)	MFR	
Frequency (MHz)									
30	QPSK	1	1	20.36	20.75	20.49	20.0	0.0	
Channel				63000	63000	63000	Turn-up time (dBm)	MFR	
Frequency (MHz)									
20	QPSK	1	1	20.36	20.75	20.02	20.0	0.0	

Part270 n77 Ant 4 DFT-30 for MIMO									
SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 (mW)	Power Max Ch. 1 (mW)	Power High Ch. 1 (mW)	Turn-up time (dBm)	MFR (dB)	
Channel				63334	63334	63334			
Frequency (MHz)									
180	PUSC BPSK	1	1	20.54					
180	PUSC BPSK	1	157	20.38			20.0	0.0	
180	PUSC BPSK	1	241	20.58					
180	PUSC BPSK	155	0	19.80			20.0	0.0	
180	PUSC BPSK	155	88	20.27				0.0	
180	PUSC BPSK	155	158	19.73			20.0	0.0	
180	PUSC BPSK	270	0	19.78					
180	QPSK	1	1	20.58					
180	QPSK	1	157	20.52			20.0	0.0	
180	QPSK	1	241	20.51					
180	QPSK	155	0	19.29			20.0	0.0	
180	QPSK	155	88	19.28				0.0	
180	QPSK	155	158	19.17			20.0	1.0	
180	QPSK	270	0	19.27					
180	16QAM	1	1	19.62			20.0	1.0	
180	64QAM	1	1	19.25			19.0	2.0	
180	256QAM	1	1	19.53			19.0	4.0	
Channel				63334	63334	63334	Turn-up time (dBm)	MFR	
Frequency (MHz)									
90	QPSK	1	1	20.31	20.45	20.08	20.0	0.0	
Channel				63000	63334	63400	Turn-up time (dBm)	MFR	
Frequency (MHz)									
80	QPSK	1	1	20.28	20.00	20.01	20.0	0.0	
Channel				63000	63334	63400	Turn-up time (dBm)	MFR	
Frequency (MHz)									
60	QPSK	1	1	20.33	20.44	20.08	20.0	0.0	
Channel				63000	63334	63400	Turn-up time (dBm)	MFR	
Frequency (MHz)									
50	QPSK	1	1	20.30	20.53	20.44	20.0	0.0	
Channel				63134	63334	63334	Turn-up time (dBm)	MFR	
Frequency (MHz)									
40	QPSK	1	1	20.31	20.08	20.08	20.0	0.0	
Channel				63000	63334	63400	Turn-up time (dBm)	MFR	
Frequency (MHz)									
30	QPSK	1	1	20.34	20.40	20.03	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	20.5	0.0	
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	20.5	0.0	
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 (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	19.53	19.54	19.39	20.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	19.59	19.53	19.49	20.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
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	PI2 BPSK	1		1	16.28	16.42	16.13	17.5	0.0
20	PI2 BPSK	1		53	16.41	16.64	16.51		
20	PI2 BPSK	1		104	16.35	16.55	16.29		
20	PI2 BPSK	50	0	0	16.24	16.49	16.41	17.5	0.0
20	PI2 BPSK	50	28	28	16.51	16.63	16.43	17.5	0.0
20	PI2 BPSK	50	56	56	16.38	16.62	16.44	17.5	0.0
20	PI2 BPSK	100	0	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	0	16.48	16.59	16.42		
20	QPSK	50	28	28	16.43	16.53	16.31	17.5	0.0
20	QPSK	50	56	56	16.36	16.55	16.35	17.5	0.0
20	QPSK	100	0	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 (dBm)	MPR (dB)
Frequency (MHz)					1857.5	1880	1902.5		
15	QPSK	1		1	16.50	16.60	16.45	17.5	0.0
Channel					371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1855	1880	1905		
10	QPSK	1		1	16.52	16.62	16.27	17.5	0.0
Channel					370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1852.5	1880	1907.5		
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	23.5	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	22.29	22.42	22.13			
20	PI/2 BPSK	1	53	22.36	22.52	22.23	23.5	0.0	
20	PI/2 BPSK	1	104	22.19	22.45	22.31			
20	PI/2 BPSK	50	0	22.31	22.54	22.41			
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			
20	PI/2 BPSK	100	0	22.13	22.42	22.21			
20	QPSK	1	1	22.66	22.73	22.61	23.5	0.0	
20	QPSK	1	53	22.48	22.62	22.34			
20	QPSK	1	104	22.38	22.69	22.39			
20	QPSK	50	0	22.32	22.54	22.40	23.5	0.0	
20	QPSK	50	28	22.35	22.53	22.42			
20	QPSK	50	56	22.26	22.40	22.28			
20	QPSK	100	0	22.50	22.61	22.45	23.5	0.0	
20	16QAM	1	1	22.21	22.43	22.30			
20	64QAM	1	1	21.35	21.42	21.13		1.0	
20	256QAM	1	1	19.29	19.53	19.47	20.5	3.0	
Channel				371500	376000	380500	Tune-up limit	MPR	
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)	
15	QPSK	1	1	22.50	22.60	22.49	23.5	0.0	
Channel				371000	376000	381000	Tune-up limit	MPR	
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)	
10	QPSK	1	1	22.52	22.64	22.45	23.5	0.0	
Channel				370500	376000	381500	Tune-up limit	MPR	
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)	
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	22.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	20.92	21.10	20.91			
20	PI/2 BPSK	1	53	20.98	21.15	20.91	22.0	0.0	
20	PI/2 BPSK	1	104	20.68	20.92	20.83			
20	PI/2 BPSK	50	0	21.00	21.12	20.89			
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			
20	PI/2 BPSK	100	0	21.04	21.14	21.01			
20	QPSK	1	1	21.31	21.35	21.21	22.0	0.0	
20	QPSK	1	53	21.10	21.32	21.22			
20	QPSK	1	104	20.99	21.10	20.95			
20	QPSK	50	0	21.08	21.17	20.94	22.0	0.0	
20	QPSK	50	28	20.82	21.13	20.87			
20	QPSK	50	56	20.77	21.08	20.90			
20	QPSK	100	0	21.06	21.18	21.00	22.0	0.0	
20	16QAM	1	1	20.96	21.19	20.93			
20	64QAM	1	1	20.79	21.10	20.87		22.0	
20	256QAM	1	1	19.33	19.60	19.21	20.5	1.5	
Channel				166300	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	QPSK	1	1	21.00	21.05	21.07	22.0	0.0	
Channel				165800	167300	168800	Tune-up limit	MPR	
Frequency (MHz)				829	836.5	844	(dBm)	(dB)	
10	QPSK	1	1	21.00	21.06	20.91	22.0	0.0	
Channel				165300	167300	169300	Tune-up limit	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)	
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 Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				344000	349000	354000	22.5	0.0	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	21.60	21.79	21.68			
20	PI/2 BPSK	1	53	21.69	21.86	21.57	22.5	0.0	
20	PI/2 BPSK	1	104	21.61	21.78	21.57			
20	PI/2 BPSK	50	0	21.61	21.81	21.68			
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			
20	PI/2 BPSK	100	0	21.52	21.80	21.51			
20	QPSK	1	1	21.97	22.00	21.89	22.5	0.0	
20	QPSK	1	53	21.72	21.95	21.71			
20	QPSK	1	104	21.52	21.84	21.73			
20	QPSK	50	0	21.63	21.88	21.79	22.5	0.0	
20	QPSK	50	28	21.53	21.78	21.48			
20	QPSK	50	56	21.51	21.82	21.53			
20	QPSK	100	0	21.61	21.82	21.66	22.5	0.0	
20	16QAM	1	1	21.63	21.80	21.61			
20	64QAM	1	1	21.61	21.78	21.60			
20	256QAM	1	1	19.75	19.85	19.69	20.5	2.0	
Channel				343500	349000	354500	22.5	0.0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	21.71	21.72	21.81			
Channel				343000	349000	355000	22.5	0.0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	21.67	21.91	21.59			
Channel				342500	349000	355500	22.5	0.0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	21.72	21.69	21.66			

n66 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				344000	349000	354000	20.0	0.0	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	19.09	19.36	19.05			
20	PI/2 BPSK	1	53	19.01	19.24	19.14	20.0	0.0	
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	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	PI/2 BPSK	100	0	19.08	19.33	19.22			
20	QPSK	1	1	19.36	19.52	19.42	20.0	0.0	
20	QPSK	1	53	19.15	19.44	19.16			
20	QPSK	1	104	19.09	19.33	19.02			
20	QPSK	50	0	19.21	19.36	19.23	20.0	0.0	
20	QPSK	50	28	19.12	19.29	18.99			
20	QPSK	50	56	19.09	19.31	19.04			
20	QPSK	100	0	19.20	19.33	19.10	20.0	0.0	
20	16QAM	1	1	19.17	19.30	19.19			
20	64QAM	1	1	18.96	19.23	19.05			
20	256QAM	1	1	19.25	19.42	19.11	20.0	0.0	
Channel				343500	349000	354500	20.0	0.0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.13	19.41	19.34			
Channel				343000	349000	355000	20.0	0.0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.05	19.35	19.18			
Channel				342500	349000	355500	20.0	0.0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.11	19.21	19.12			

n66 Ant 6 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				344000	349000	354000	23.5	0.0	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	22.66	22.96	22.65			
20	PI/2 BPSK	1	53	22.88	23.00	22.81	23.5	0.0	
20	PI/2 BPSK	1	104	22.79	22.99	22.85			
20	PI/2 BPSK	50	0	22.84	22.95	22.65			
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			
20	PI/2 BPSK	100	0	22.86	23.01	22.88			
20	QPSK	1	1	23.19	23.22	23.20	23.5	0.0	
20	QPSK	1	53	23.03	23.16	22.98			
20	QPSK	1	104	22.83	23.08	22.80			
20	QPSK	50	0	22.76	23.06	22.79	23.5	0.0	
20	QPSK	50	28	22.82	22.99	22.85			
20	QPSK	50	56	22.82	23.01	22.80			
20	QPSK	100	0	22.85	23.06	22.96	23.5	0.0	
20	16QAM	1	1	22.71	22.90	22.61			
20	64QAM	1	1	21.78	21.91	21.77		1.0	
20	256QAM	1	1	19.70	19.98	19.69	20.5	3.0	
Channel				343500	349000	354500	23.5	0.0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.05	23.12	22.92			
Channel				343000	349000	355000	23.5	0.0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.95	22.93	22.96			
Channel				342500	349000	355500	23.5	0.0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.00	22.99	23.02			

n66 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				344000	349000	354000	20.5	0.0	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	19.78	19.94	19.76			
20	PI/2 BPSK	1	53	19.61	19.91	19.82	20.5	0.0	
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	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	PI/2 BPSK	100	0	19.64	19.95	19.69			
20	QPSK	1	1	20.13	20.20	20.18	20.5	0.0	
20	QPSK	1	53	19.98	20.13	20.01			
20	QPSK	1	104	19.78	20.02	19.89			
20	QPSK	50	0	19.70	20.00	19.91	20.5	0.0	
20	QPSK	50	28	19.86	19.95	19.74			
20	QPSK	50	56	19.78	19.97	19.80			
20	QPSK	100	0	19.89	20.02	19.88	20.5	0.0	
20	16QAM	1	1	19.62	19.89	19.59			
20	64QAM	1	1	19.77	19.86	19.61		20.5	
20	256QAM	1	1	19.90	20.01	19.79	20.5	0.0	
Channel				343500	349000	354500	20.5	0.0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.91	19.92	19.94			
Channel				343000	349000	355000	20.5	0.0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.04	19.96	20.01			
Channel				342500	349000	355500	20.5	0.0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.84	20.07	19.94			



WLAN Power

2.4GHz WLAN				Art 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.15	17.20	100.00
		6	2437	16.09	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	11.89	13.20	
		11	2462	11.63	13.20	
	802.11n-HT40 MCS9	2	2422	11.85	13.20	100.00
		6	2437	11.91	13.20	
		9	2452	11.75	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	

Art 2						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	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	13.49	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	11.88	13.20	
		9	2452	12.23	13.20	
	802.11ax-HE20 MCS9	1	2412	11.98	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	

Art 1+2						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN						
	802.11n-HT20 MCS9					
	802.11n-HT40 MCS9					
	802.11ax-HE20 MCS9					
	802.11ax-HE40 MCS9					

5.2GHz WLAN				Art 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	12.75	14.00	98.19
		40	5200	12.73	14.00	
		44	5220	12.59	14.00	
		48	5240	12.51	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	36	5180	12.68	14.00	100.00
		40	5200	12.37	14.00	
		44	5220	12.06	13.00	
		48	5240	11.77	13.00	
	802.11ac-VHT20 MCS9	44	5220	11.55	13.00	100.00
		48	5240	11.48	13.00	
	802.11ac-VHT40 MCS9	38	5190	11.63	13.00	100.00
		46	5230	11.36	13.00	
	802.11ac-VHT80 MCS9	42	5210	11.53	13.00	100.00
		36	5180	10.06	11.00	
	802.11ax-HE20 MCS9	40	5200	9.96	11.00	100.00
		44	5220	9.88	11.00	
		48	5240	9.77	11.00	
	802.11ax-HE40 MCS9	38	5190	9.81	11.00	100.00
		46	5230	9.85	11.00	
	802.11ax-HE80 MCS9	42	5210	9.92	11.00	100.00

Art 2						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	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	
	802.11ac-VHT20 MCS9	36	5180	12.32	13.00	100.00
		40	5200	12.41	13.00	
		44	5220	12.38	13.00	
		48	5240	12.15	13.00	
	802.11ac-VHT40 MCS9	38	5190	12.22	13.00	100.00
		46	5230	12.11	13.00	
	802.11ac-VHT80 MCS9	42	5210	11.94	13.00	100.00
		36	5180	10.30	11.00	
	802.11ax-HE20 MCS9	40	5200	10.32	11.00	100.00
		44	5220	10.15	11.00	
		48	5240	10.06	11.00	
	802.11ax-HE40 MCS9	38	5190	10.31	11.00	100.00
		46	5230	10.37	11.00	
	802.11ax-HE80 MCS9	42	5210	10.37	11.00	100.00

Art 1+2						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN						
	802.11n-HT20 MCS9					
	802.11n-HT40 MCS9					
	802.11ac-VHT20 MCS9					
	802.11ac-VHT40 MCS9					
	802.11ac-VHT80 MCS9					
	802.11ax-HE20 MCS9					
	802.11ax-HE40 MCS9					
	802.11ax-HE80 MCS9					

5.8GHz WLAN				Ann 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	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	12.61	14.00	100.00
		159	5795	12.82	14.00	
	802.11ac-VHT20 MCS9	149	5745	11.98	13.00	100.00
		157	5785	12.06	13.00	
		165	5825	12.04	13.00	
	802.11ac-VHT40 MCS9	151	5755	11.75	13.00	100.00
		159	5795	11.91	13.00	
	802.11ac-VHT80 MCS9	155	5775	12.02	13.00	100.00
802.11ax-HE20 MCS9	149	5745	9.58	11.00	100.00	
	157	5785	9.73	11.00		
	165	5825	10.32	11.00		
802.11ax-HE40 MCS9	151	5755	9.66	11.00	100.00	
	159	5795	9.77	11.00		
802.11ax-HE80 MCS9	155	5775	9.79	11.00	100.00	