Ant 0								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.22	32.28	32.14	33.50	23.22	23.28	23.14	24.50
GPRS 1 Tx slot	32.33	32.40	32.27	33.50	23.33	23.40	23.27	24.50
GPRS 2 Tx slots	31.34	31.42	31.35	32.50	25.34	25.42	25.35	26.50
GPRS 3 Tx slots	30.34	30.11	30.03	31.50	26.08	25.85	25.77	27.24
GPRS 4 Tx slots	29.42	29.35	29.24	30.50	26.42	26.35	26.24	27.50
EDGE 1 Tx slot	27.28	27.21	27.12	28.00	18.28	18.21	18.12	19.00
EDGE 2 Tx slots	26.80	26.76	26.65	27.50	20.80	20.76	20.65	21.50
EDGE 3 Tx slots	26.88	26.87	26.71	27.50	22.62	22.61	22.45	23.24
EDGE 4 Tx slots	24.56	24.95	24.78	25.50	21.56	21.95	21.78	22.50
Ant 2								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.55	29.58	29.45	30.85	20.55	20.58	20.45	21.85
GPRS 1 Tx slot	29.64	29.68	29.57	30.85	20.64	20.68	20.57	21.85
GPRS 2 Tx slots	28.23	28.29	28.21	29.35	22.23	22.29	22.21	23.35
GPRS 3 Tx slots	27.48	27.37	27.34	28.85	23.22	23.11	23.08	24.59
GPRS 4 Tx slots	26.56	26.55	26.51	27.85	23.56	23.55	23.51	24.85
EDGE 1 Tx slot	25.09	24.97	24.83	26.35	16.09	15.97	15.83	17.35
EDGE 2 Tx slots	24.14	23.91	23.62	24.85	18.14	17.91	17.62	18.85
EDGE 3 Tx slots	23.95	23.82	23.46	24.85	19.69	19.56	19.20	20.59
EDGE 4 Tx slots	22.70	22.41	22.38	23.85	19.70	19.41	19.38	20.85

Ant 2								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.55	29.58	29.45	29.80	20.55	20.58	20.45	20.80
GPRS 1 Tx slot	29.64	29.68	29.57	29.80	20.64	20.68	20.57	20.80
GPRS 2 Tx slots	26.43	26.52	26.45	26.80	20.43	20.52	20.45	20.80
GPRS 3 Tx slots	24.51	24.54	24.41	25.05	20.25	20.28	20.15	20.79
GPRS 4 Tx slots	23.60	23.72	23.50	23.80	20.60	20.72	20.50	20.80
EDGE 1 Tx slot	25.09	24.97	24.83	26.35	16.09	15.97	15.83	17.35
EDGE 2 Tx slots	24.14	23.91	23.62	24.85	18.14	17.91	17.62	18.85
EDGE 3 Tx slots	23.95	23.82	23.46	24.85	19.69	19.56	19.20	20.59
EDGE 4 Tx slots	22.70	22.41	22.38	23.80	19.70	19.41	19.38	20.80

Ant 2								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.55	29.58	29.45	30.85	20.55	20.58	20.45	21.85
GPRS 1 Tx slot	29.64	29.68	29.57	30.85	20.64	20.68	20.57	21.85
GPRS 2 Tx slots	27.25	27.26	27.26	28.50	21.25	21.26	21.26	22.50
GPRS 3 Tx slots	25.95	25.96	25.94	26.75	21.69	21.70	21.68	22.49
GPRS 4 Tx slots	24.99	25.01	24.78	25.50	21.99	22.01	21.78	22.50
EDGE 1 Tx slot	25.09	24.97	24.83	26.35	16.09	15.97	15.83	17.35
EDGE 2 Tx slots	24.14	23.91	23.62	24.85	18.14	17.91	17.62	18.85
EDGE 3 Tx slots	23.95	23.82	23.46	24.85	19.69	19.56	19.20	20.59
EDGE 4 Tx slots	22.70	22.41	22.38	23.85	19.70	19.41	19.38	20.85

Ant 2								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.55	29.58	29.45	30.70	20.55	20.58	20.45	21.70
GPRS 1 Tx slot	29.64	29.68	29.57	30.70	20.64	20.68	20.57	21.70
GPRS 2 Tx slots	26.43	26.52	26.45	27.70	20.43	20.52	20.45	21.70
GPRS 3 Tx slots	24.51	24.54	24.41	25.95	20.25	20.28	20.15	21.69
GPRS 4 Tx slots	23.60	23.72	23.50	24.70	20.60	20.72	20.50	21.70
EDGE 1 Tx slot	25.09	24.97	24.83	26.35	16.09	15.97	15.83	17.35
EDGE 2 Tx slots	24.14	23.91	23.62	24.85	18.14	17.91	17.62	18.85
EDGE 3 Tx slots	23.95	23.82	23.46	24.85	19.69	19.56	19.20	20.59
EDGE 4 Tx slots	22.70	22.41	22.38	23.85	19.70	19.41	19.38	20.85

Ant 1								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.11	32.25	32.05	33.50	23.11	23.25	23.05	24.50
GPRS 1 Tx slot	32.21	32.31	32.15	33.50	23.21	23.31	23.15	24.50
GPRS 2 Tx slots	31.06	31.17	31.12	32.50	25.06	25.17	25.12	26.50
GPRS 3 Tx slots	30.11	29.91	29.86	31.50	25.85	25.65	25.60	27.24
GPRS 4 Tx slots	29.09	29.07	28.80	30.50	26.09	26.07	25.80	27.50
EDGE 1 Tx slot	26.94	26.95	26.65	28.00	17.94	17.95	17.65	19.00
EDGE 2 Tx slots	26.58	26.54	26.49	27.50	20.58	20.54	20.49	21.50
EDGE 3 Tx slots	26.55	26.45	26.64	27.50	22.29	22.19	22.38	23.24
EDGE 4 Tx slots	24.34	24.44	24.44	25.50	21.34	21.44	21.44	22.50
Ant 0								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.33	29.32	29.25	31.00	20.33	20.32	20.25	22.00
GPRS 1 Tx slot	29.49	29.49	29.37	31.00	20.49	20.49	20.37	22.00
GPRS 2 Tx slots	28.14	28.14	27.99	29.50	22.14	22.14	21.99	23.50
GPRS 3 Tx slots	27.48	27.29	27.14	29.00	23.22	23.03	22.88	24.74
GPRS 4 Tx slots	26.62	26.41	26.26	28.00	23.62	23.41	23.26	25.00
EDGE 1 Tx slot	25.22	24.84	24.84	26.50	16.22	15.84	15.84	17.50
EDGE 2 Tx slots	23.84	23.86	23.51	25.00	17.84	17.86	17.51	19.00
EDGE 3 Tx slots	23.98	23.66	23.44	25.00	19.72	19.40	19.18	20.74
EDGE 4 Tx slots	22.91	22.72	22.37	24.00	19.91	19.72	19.37	21.00

Ant 1								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.11	32.25	32.05	33.50	23.11	23.25	23.05	24.50
GPRS 1 Tx slot	32.21	32.31	32.15	33.50	23.21	23.31	23.15	24.50
GPRS 2 Tx slots	31.06	31.17	31.12	32.00	25.06	25.17	25.12	26.00
GPRS 3 Tx slots	29.24	29.31	29.22	30.25	24.98	25.05	24.96	25.99
GPRS 4 Tx slots	27.95	28.18	28.15	29.00	24.95	25.18	25.15	26.00
EDGE 1 Tx slot	26.94	26.95	26.65	28.00	17.94	17.95	17.65	19.00
EDGE 2 Tx slots	26.58	26.54	26.49	27.50	20.58	20.54	20.49	21.50
EDGE 3 Tx slots	26.55	26.45	26.64	27.50	22.29	22.19	22.38	23.24
EDGE 4 Tx slots	24.34	24.44	24.44	25.50	21.34	21.44	21.44	22.50

Ant 1								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.11	32.25	32.05	33.50	23.11	23.25	23.05	24.50
GPRS 1 Tx slot	32.21	32.31	32.15	33.50	23.21	23.31	23.15	24.50
GPRS 2 Tx slots	31.06	31.17	31.12	31.20	25.06	25.17	25.12	25.20
GPRS 3 Tx slots	29.24	29.31	29.22	29.45	24.98	25.05	24.96	25.19
GPRS 4 Tx slots	27.95	28.18	28.15	28.20	24.95	25.18	25.15	25.20
EDGE 1 Tx slot	26.94	26.95	26.65	28.00	17.94	17.95	17.65	19.00
EDGE 2 Tx slots	26.58	26.54	26.49	27.50	20.58	20.54	20.49	21.50
EDGE 3 Tx slots	26.55	26.45	26.64	27.50	22.29	22.19	22.38	23.24
EDGE 4 Tx slots	24.34	24.44	24.44	25.50	21.34	21.44	21.44	22.50

		Ant 2				Ant 2				Ant 0			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.90	23.81	23.77	25.25	23.75	23.72	23.70	25.25	24.11	24.10	24.13	25.30
3GPP Rel 99	RMC 12.2Kbps	23.99	23.89	23.82	25.25	23.81	23.76	23.73	25.25	24.18	24.14	24.18	25.30
3GPP Rel 6	HSDPA Subtest-1	24.19	23.90	23.88	24.25	23.74	23.70	23.66	24.25	24.28	24.28	24.10	24.30
3GPP Rel 6	HSDPA Subtest-2	24.07	23.93	23.85	24.25	22.48	23.71	23.71	24.25	24.29	24.27	24.12	24.30
3GPP Rel 6	HSDPA Subtest-3	23.71	23.66	23.60	23.75	23.41	23.38	23.39	23.75	23.79	23.80	23.70	23.80
3GPP Rel 6	HSDPA Subtest-4	23.20	23.12	23.09	23.75	22.43	23.41	23.39	23.75	23.48	23.31	23.26	23.80
3GPP Rel 6	HSUPA Subtest-1	23.17	22.93	22.89	24.25	22.82	22.66	22.67	24.25	23.59	23.53	23.46	24.30
3GPP Rel 6	HSUPA Subtest-2	19.83	19.67	19.59	22.25	19.54	19.47	19.49	22.25	22.15	22.11	22.04	22.30
3GPP Rel 6	HSUPA Subtest-3	23.05	23.10	22.89	23.25	22.92	22.65	22.76	23.25	23.01	22.98	22.91	23.30
3GPP Rel 6	HSUPA Subtest-4	19.75	19.76	19.61	22.25	19.53	19.48	19.48	22.25	21.99	21.87	21.86	22.30
3GPP Rel 6	HSUPA Subtest-5	24.20	24.10	24.00	24.25	24.00	23.90	23.80	24.25	24.20	24.30	24.30	24.30

		Ant 2				Ant 2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.32	20.14	20.10	20.90	21.01	20.93	20.91	22.00
3GPP Rel 99	RMC 12.2Kbps	20.37	20.18	20.11	20.90	21.05	20.97	20.95	22.00
3GPP Rel 6	HSDPA Subtest-1	20.35	20.18	20.14	20.90	21.03	20.93	20.86	22.00
3GPP Rel 6	HSDPA Subtest-2	20.35	20.20	20.11	20.90	21.02	20.89	20.92	22.00
3GPP Rel 6	HSDPA Subtest-3	20.36	20.20	20.17	20.40	21.04	20.90	20.88	21.50
3GPP Rel 6	HSDPA Subtest-4	20.27	20.20	20.13	20.40	20.92	20.93	20.92	21.50
3GPP Rel 6	HSUPA Subtest-1	19.41	19.28	19.19	20.90	20.09	20.16	20.21	22.00
3GPP Rel 6	HSUPA Subtest-2	19.44	19.31	19.20	19.90	19.54	19.69	19.66	20.00
3GPP Rel 6	HSUPA Subtest-3	19.42	19.35	19.27	19.90	20.06	20.01	19.98	21.00
3GPP Rel 6	HSUPA Subtest-4	19.42	19.35	19.23	19.90	19.53	19.54	19.51	20.00
3GPP Rel 6	HSUPA Subtest-5	20.30	20.30	20.20	20.90	21.02	20.95	20.92	22.00

		Ant 2				Ant 2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.32	20.14	20.10	22.10	21.47	21.42	21.50	23.30
3GPP Rel 99	RMC 12.2Kbps	20.37	20.18	20.11	22.10	21.57	21.48	21.51	23.30
3GPP Rel 6	HSDPA Subtest-1	20.35	20.18	20.14	22.10	21.54	21.51	21.48	23.30
3GPP Rel 6	HSDPA Subtest-2	20.35	20.20	20.11	22.10	21.53	21.52	21.48	23.30
3GPP Rel 6	HSDPA Subtest-3	20.36	20.20	20.17	21.60	21.54	21.48	21.50	22.80
3GPP Rel 6	HSDPA Subtest-4	20.27	20.20	20.13	21.60	21.56	21.50	21.45	22.80
3GPP Rel 6	HSUPA Subtest-1	19.41	19.28	19.19	21.90	20.61	20.62	20.60	23.30
3GPP Rel 6	HSUPA Subtest-2	19.44	19.31	19.20	20.90	19.58	19.52	19.47	21.30
3GPP Rel 6	HSUPA Subtest-3	19.42	19.35	19.27	20.90	20.59	20.54	20.50	22.30
3GPP Rel 6	HSUPA Subtest-4	19.42	19.35	19.23	20.90	19.57	19.53	19.51	21.30
3GPP Rel 6	HSUPA Subtest-5	20.30	20.30	20.20	21.90	21.52	21.45	21.47	23.30

		Ant 2				Ant 2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.32	20.14	20.10	21.30	21.47	21.42	21.50	22.50
3GPP Rel 99	RMC 12.2Kbps	20.37	20.18	20.11	21.30	21.57	21.48	21.51	22.50
3GPP Rel 6	HSDPA Subtest-1	20.35	20.18	20.14	21.30	21.54	21.51	21.48	22.50
3GPP Rel 6	HSDPA Subtest-2	20.35	20.20	20.11	21.30	21.53	21.52	21.48	22.50
3GPP Rel 6	HSDPA Subtest-3	20.36	20.20	20.17	20.80	21.54	21.48	21.50	22.00
3GPP Rel 6	HSDPA Subtest-4	20.27	20.20	20.13	20.80	21.56	21.50	21.45	22.00
3GPP Rel 6	HSUPA Subtest-1	19.41	19.28	19.19	21.30	20.61	20.62	20.60	22.50
3GPP Rel 6	HSUPA Subtest-2	19.44	19.31	19.20	20.30	19.58	19.52	19.47	20.50
3GPP Rel 6	HSUPA Subtest-3	19.42	19.35	19.27	20.30	20.59	20.54	20.50	21.50
3GPP Rel 6	HSUPA Subtest-4	19.42	19.35	19.23	20.30	19.57	19.53	19.51	20.50
3GPP Rel 6	HSUPA Subtest-5	20.30	20.30	20.20	21.30	21.52	21.45	21.47	22.50

		Ant 0				Ant 0				Ant 1			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.35	24.17	24.12	25.70	24.11	24.00	23.92	25.70	24.11	24.15	24.17	25.70
3GPP Rel 99	RMC 12.2Kbps	24.47	24.20	24.19	25.70	24.19	24.03	23.98	25.70	24.17	24.26	24.21	25.70
3GPP Rel 6	HSDPA Subtest-1	24.51	24.30	24.18	24.70	24.30	24.09	23.97	24.70	24.63	24.40	24.17	24.70
3GPP Rel 6	HSDPA Subtest-2	24.54	24.29	24.18	24.70	23.01	24.09	23.96	24.70	24.66	24.35	24.17	24.70
3GPP Rel 6	HSDPA Subtest-3	24.19	24.01	23.91	24.20	23.82	23.75	23.69	24.20	24.20	23.94	23.71	24.20
3GPP Rel 6	HSDPA Subtest-4	23.72	23.56	23.41	24.20	22.87	23.78	23.64	24.20	23.56	23.47	23.31	24.20
3GPP Rel 6	HSUPA Subtest-1	23.54	23.47	23.21	24.70	23.27	23.15	23.19	24.70	23.65	23.63	23.44	24.70
3GPP Rel 6	HSUPA Subtest-2	22.69	21.02	20.97	22.70	20.99	20.93	22.69	22.70	22.20	22.23	22.06	22.70
3GPP Rel 6	HSUPA Subtest-3	23.53	23.33	23.24	23.70	23.30	23.17	23.01	23.70	23.07	23.07	22.94	23.70
3GPP Rel 6	HSUPA Subtest-4	22.69	22.61	22.59	22.70	20.83	22.65	22.68	22.70	22.00	22.05	21.89	22.70
3GPP Rel 6	HSUPA Subtest-5	24.50	24.40	24.26	24.70	22.10	24.30	24.20	24.70	24.55	24.50	24.60	24.70

		Ant 1			
Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.15	24.17	25.10
3GPP Rel 99	RMC 12.2Kbps	24.17	24.26	24.21	25.10
3GPP Rel 6	HSDPA Subtest-1	24.63	24.40	24.17	24.70
3GPP Rel 6	HSDPA Subtest-2	24.66	24.35	24.17	24.70
3GPP Rel 6	HSDPA Subtest-3	24.20	23.94	23.71	24.20
3GPP Rel 6	HSDPA Subtest-4	23.56	23.47	23.31	24.20
3GPP Rel 6	HSUPA Subtest-1	23.65	23.63	23.44	24.70
3GPP Rel 6	HSUPA Subtest-2	22.20	22.23	22.06	22.70
3GPP Rel 6	HSUPA Subtest-3	23.07	23.07	22.94	23.70
3GPP Rel 6	HSUPA Subtest-4	22.00	22.05	21.89	22.70
3GPP Rel 6	HSUPA Subtest-5	24.55	24.50	24.60	24.70

		Ant 0				Ant 0			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.73	22.56	22.43	23.10	23.22	23.19	23.09	23.80
3GPP Rel 99	RMC 12.2Kbps	22.79	22.59	22.48	23.10	23.25	23.21	23.12	23.80
3GPP Rel 6	HSDPA Subtest-1	22.78	22.58	22.46	23.10	23.22	23.19	23.11	23.80
3GPP Rel 6	HSDPA Subtest-2	22.75	22.58	22.43	23.10	22.11	23.19	23.08	23.80
3GPP Rel 6	HSDPA Subtest-3	22.78	22.56	22.50	23.10	23.12	23.15	22.99	23.80
3GPP Rel 6	HSDPA Subtest-4	22.71	22.59	22.46	23.10	22.17	23.18	22.94	23.80
3GPP Rel 6	HSUPA Subtest-1	21.85	21.65	21.63	23.10	22.42	22.35	22.35	23.80
3GPP Rel 6	HSUPA Subtest-2	21.85	21.13	21.08	22.10	20.88	20.79	20.79	21.80
3GPP Rel 6	HSUPA Subtest-3	21.74	21.69	21.53	22.10	22.43	22.38	22.36	22.80
3GPP Rel 6	HSUPA Subtest-4	21.74	21.69	21.52	22.10	20.97	22.32	22.37	22.80
3GPP Rel 6	HSUPA Subtest-5	22.70	22.70	22.40	23.10	23.20	23.20	22.60	23.80

		Ant 0				Ant 0			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.75	23.49	23.33	23.90	23.22	23.19	23.09	24.70
3GPP Rel 99	RMC 12.2Kbps	23.79	23.52	23.38	23.90	23.25	23.21	23.12	24.70
3GPP Rel 6	HSDPA Subtest-1	23.76	23.55	23.42	23.90	23.22	23.19	23.11	24.70
3GPP Rel 6	HSDPA Subtest-2	23.78	23.51	23.40	23.90	22.11	23.19	23.08	24.70
3GPP Rel 6	HSDPA Subtest-3	23.75	23.54	23.40	23.90	23.12	23.15	22.99	24.20
3GPP Rel 6	HSDPA Subtest-4	23.74	23.52	23.41	23.90	22.17	23.18	22.94	24.20
3GPP Rel 6	HSUPA Subtest-1	22.73	22.66	22.53	23.90	22.42	22.35	22.35	24.70
3GPP Rel 6	HSUPA Subtest-2	22.68	21.06	21.04	22.70	20.88	20.79	20.79	22.70
3GPP Rel 6	HSUPA Subtest-3	22.79	22.61	22.46	23.40	22.43	22.38	22.36	23.70
3GPP Rel 6	HSUPA Subtest-4	22.69	22.61	22.49	22.70	20.97	22.32	22.37	22.70
3GPP Rel 6	HSUPA Subtest-5	23.70	23.60	22.40	23.90	23.20	23.20	22.60	24.70

		Ant 0				Ant 0			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.75	23.49	23.33	23.90	23.22	23.19	23.09	23.90
3GPP Rel 99	RMC 12.2Kbps	23.79	23.52	23.38	23.90	23.25	23.21	23.12	23.90
3GPP Rel 6	HSDPA Subtest-1	23.76	23.55	23.42	23.90	23.22	23.19	23.11	23.90
3GPP Rel 6	HSDPA Subtest-2	23.78	23.51	23.40	23.90	22.11	23.19	23.08	23.90
3GPP Rel 6	HSDPA Subtest-3	23.75	23.54	23.40	23.90	23.12	23.15	22.99	23.90
3GPP Rel 6	HSDPA Subtest-4	23.74	23.52	23.41	23.90	22.17	23.18	22.94	23.90
3GPP Rel 6	HSUPA Subtest-1	22.73	22.66	22.53	23.90	22.42	22.35	22.35	23.90
3GPP Rel 6	HSUPA Subtest-2	22.68	21.06	21.04	22.70	20.88	20.79	20.79	21.90
3GPP Rel 6	HSUPA Subtest-3	22.79	22.61	22.46	23.40	22.43	22.38	22.36	22.90
3GPP Rel 6	HSUPA Subtest-4	22.69	22.61	22.49	22.70	20.97	22.32	22.37	22.90
3GPP Rel 6	HSUPA Subtest-5	22.70	22.60	22.40	23.90	23.20	23.20	22.60	23.90

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.09	24.11	23.95	25.5
20	QPSK	1	49	24.07	24.05	23.86	
20	QPSK	1	99	24.06	23.94	23.94	
20	QPSK	50	0	23.25	23.26	23.09	24.5
20	QPSK	50	24	23.18	23.21	23.17	
20	QPSK	50	50	23.21	23.22	23.10	
20	QPSK	100	0	23.21	23.19	23.03	
20	16QAM	1	0	23.44	23.36	23.15	24.5
20	16QAM	1	49	23.41	23.21	23.18	
20	16QAM	1	99	23.34	23.17	23.09	
20	16QAM	50	0	22.19	22.12	22.09	23.5
20	16QAM	50	24	22.20	22.10	22.09	
20	16QAM	50	50	22.24	22.16	22.12	
20	16QAM	100	0	22.25	22.12	22.11	
20	64QAM	1	0	22.34	22.30	22.00	23.5
20	64QAM	1	49	22.30	22.24	22.09	
20	64QAM	1	99	22.36	22.22	22.11	
20	64QAM	50	0	21.20	21.16	21.08	22.5
20	64QAM	50	24	21.23	21.13	21.09	
20	64QAM	50	50	21.27	21.17	21.15	
20	64QAM	100	0	21.20	21.11	21.04	
20	256QAM	1	0	19.11	19.05	18.92	20.5
20	256QAM	1	49	19.12	19.06	19.00	
20	256QAM	1	99	19.23	19.14	19.17	
20	256QAM	50	0	19.12	18.99	19.00	20.5
20	256QAM	50	24	19.11	19.01	18.99	
20	256QAM	50	50	19.18	19.01	19.11	
20	256QAM	100	0	19.15	18.99	18.97	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.04	24.08	23.93	25.5
15	QPSK	1	37	23.99	23.89	23.85	
15	QPSK	1	74	24.09	23.97	23.91	
15	QPSK	36	0	23.21	23.20	23.11	24.5
15	QPSK	36	20	23.26	23.15	23.07	
15	QPSK	36	39	23.21	23.09	23.09	
15	QPSK	75	0	23.25	23.21	23.03	
15	16QAM	1	0	23.37	23.43	23.16	24.5
15	16QAM	1	37	23.36	23.38	23.18	
15	16QAM	1	74	23.41	23.26	23.20	
15	16QAM	36	0	22.20	22.13	22.01	23.5
15	16QAM	36	20	22.26	22.17	22.06	
15	16QAM	36	39	22.27	22.10	22.08	
15	16QAM	75	0	22.29	22.13	22.09	
15	64QAM	1	0	22.37	22.38	22.16	23.5
15	64QAM	1	37	22.32	22.17	22.14	
15	64QAM	1	74	22.31	22.23	22.16	
15	64QAM	36	0	21.28	21.18	21.09	22.5
15	64QAM	36	20	21.31	21.14	21.12	
15	64QAM	36	39	21.25	21.12	21.18	
15	64QAM	75	0	21.31	21.15	21.05	
15	256QAM	1	0	19.04	19.02	18.80	20.5
15	256QAM	1	37	19.09	18.98	18.91	
15	256QAM	1	74	19.14	19.08	19.20	
15	256QAM	36	0	19.00	19.01	18.89	20.5
15	256QAM	36	20	19.11	19.04	18.91	
15	256QAM	36	39	19.10	18.97	18.95	
15	256QAM	75	0	19.06	18.86	18.98	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.07	24.08	23.95	25.5
10	QPSK	1	25	24.10	24.01	23.90	
10	QPSK	1	49	24.04	24.03	23.98	
10	QPSK	25	0	23.26	23.16	23.11	24.5
10	QPSK	25	12	23.28	23.15	23.07	
10	QPSK	25	25	23.30	23.19	23.07	
10	QPSK	50	0	23.30	23.25	23.10	
10	16QAM	1	0	23.48	23.42	23.32	24.5
10	16QAM	1	25	23.42	23.34	23.25	
10	16QAM	1	49	23.41	23.30	23.26	
10	16QAM	25	0	22.32	22.22	22.14	23.5
10	16QAM	25	12	22.23	22.25	22.07	
10	16QAM	25	25	22.28	22.20	22.08	
10	16QAM	50	0	22.29	22.18	22.18	
10	64QAM	1	0	22.33	22.31	22.19	23.5
10	64QAM	1	25	22.34	22.20	22.20	
10	64QAM	1	49	22.36	22.20	22.25	
10	64QAM	25	0	21.23	21.21	21.06	22.5
10	64QAM	25	12	21.35	21.19	21.15	
10	64QAM	25	25	21.34	21.16	21.09	
10	64QAM	50	0	21.37	21.29	21.16	
10	256QAM	1	0	19.01	19.05	18.88	20.5
10	256QAM	1	25	19.08	18.98	18.89	
10	256QAM	1	49	19.14	19.07	19.14	
10	256QAM	25	0	19.16	18.94	18.87	20.5
10	256QAM	25	12	19.10	18.94	19.04	
10	256QAM	25	25	19.10	19.02	19.03	
10	256QAM	50	0	19.04	18.87	19.00	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.07	24.07	24.02	25.5
5	QPSK	1	12	24.06	24.01	24.09	
5	QPSK	1	24	24.04	24.04	23.96	
5	QPSK	12	0	23.33	23.24	23.09	24.5
5	QPSK	12	7	23.36	23.28	23.19	
5	QPSK	12	13	23.34	23.24	23.12	
5	QPSK	25	0	23.33	23.24	23.19	
5	16QAM	1	0	23.46	23.40	23.29	24.5
5	16QAM	1	12	23.49	23.35	23.23	
5	16QAM	1	24	23.47	23.33	23.26	
5	16QAM	12	0	22.36	22.19	22.22	23.5
5	16QAM	12	7	22.35	22.24	22.17	
5	16QAM	12	13	22.35	22.25	22.20	
5	16QAM	25	0	22.31	22.20	22.16	
5	64QAM	1	0	22.49	22.31	22.35	23.5
5	64QAM	1	12	22.42	22.35	22.28	
5	64QAM	1	24	22.44	22.31	22.21	
5	64QAM	12	0	21.38	21.24	21.15	22.5
5	64QAM	12	7	21.30	21.30	21.14	
5	64QAM	12	13	21.36	21.28	21.16	
5	64QAM	25	0	21.36	21.21	21.19	
5	256QAM	1	0	19.05	19.03	18.93	20.5
5	256QAM	1	12	19.15	19.07	18.91	
5	256QAM	1	24	19.18	19.04	19.08	
5	256QAM	12	0	19.11	18.93	18.94	20.5
5	256QAM	12	7	19.10	18.99	19.01	
5	256QAM	12	13	19.16	18.94	18.97	
5	256QAM	25	0	19.14	18.94	19.02	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.10	24.06	24.03	25.5
3	QPSK	1	8	24.07	24.07	23.93	
3	QPSK	1	14	24.09	24.07	24.02	
3	QPSK	8	0	23.26	23.09	23.06	24.5
3	QPSK	8	4	23.30	23.09	23.11	
3	QPSK	8	7	23.29	23.13	23.12	
3	QPSK	15	0	23.24	23.09	23.04	
3	16QAM	1	0	23.39	23.34	23.22	24.5
3	16QAM	1	8	23.34	23.26	23.13	
3	16QAM	1	14	23.40	23.29	23.16	
3	16QAM	8	0	22.29	22.16	22.16	23.5
3	16QAM	8	4	22.24	22.20	22.13	
3	16QAM	8	7	22.37	22.19	22.08	
3	16QAM	15	0	22.31	22.17	22.10	
3	64QAM	1	0	22.33	22.28	22.27	23.5
3	64QAM	1	8	22.32	22.18	22.09	
3	64QAM	1	14	22.42	22.23	22.17	
3	64QAM	8	0	21.26	21.15	21.13	22.5
3	64QAM	8	4	21.23	21.20	21.12	
3	64QAM	8	7	21.22	21.21	21.10	
3	64QAM	15	0	21.23	21.16	21.11	
3	256QAM	1	0	19.09	18.99	18.89	20.5
3	256QAM	1	8	19.07	19.04	18.99	
3	256QAM	1	14	19.09	19.02	19.07	
3	256QAM	8	0	19.06	18.90	18.86	20.5
3	256QAM	8	4	19.12	19.00	18.93	
3	256QAM	8	7	19.09	19.01	18.94	
3	256QAM	15	0	19.13	18.92	18.99	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.06	24.07	24.03	25.5
1.4	QPSK	1	3	24.05	23.98	23.94	
1.4	QPSK	1	5	24.01	24.05	23.93	
1.4	QPSK	3	0	24.03	24.05	24.03	
1.4	QPSK	3	1	24.07	24.00	24.02	
1.4	QPSK	3	3	24.06	24.02	23.96	
1.4	QPSK	6	0	23.19	23.06	22.98	24.5
1.4	16QAM	1	0	23.44	23.27	23.21	24.5
1.4	16QAM	1	3	23.31	23.14	23.11	
1.4	16QAM	1	5	23.48	23.24	23.12	
1.4	16QAM	3	0	23.27	23.17	23.07	
1.4	16QAM	3	1	23.30	23.17	23.04	
1.4	16QAM	3	3	23.30	23.20	22.96	
1.4	16QAM	6	0	22.30	22.13	22.04	23.5
1.4	64QAM	1	0	22.30	22.21	22.12	23.5
1.4	64QAM	1	3	22.34	22.05	22.09	
1.4	64QAM	1	5	22.32	22.22	22.15	
1.4	64QAM	3	0	22.26	22.16	21.97	
1.4	64QAM	3	1	22.27	22.19	22.12	
1.4	64QAM	3	3	22.34	22.14	22.07	
1.4	64QAM	6	0	21.19	21.17	21.09	22.5
1.4	256QAM	1	0	18.99	18.96	18.88	20.5
1.4	256QAM	1	3	19.05	19.09	18.89	
1.4	256QAM	1	5	19.07	19.08	19.07	
1.4	256QAM	3	0	19.02	19.02	18.97	
1.4	256QAM	3	1	19.03	19.01	18.96	
1.4	256QAM	3	3	19.09	18.89	18.93	
1.4	256QAM	6	0	19.16	18.93	18.90	20.5

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.14	24.15	23.87	25.25
20	QPSK	1	49	24.10	23.91	23.85	
20	QPSK	1	99	24.12	23.88	23.82	
20	QPSK	50	0	23.23	23.24	23.02	24.25
20	QPSK	50	24	23.18	23.06	23.01	
20	QPSK	50	50	23.22	23.09	22.95	
20	QPSK	100	0	23.20	23.22	22.99	
20	16QAM	1	0	23.33	23.29	23.19	24.25
20	16QAM	1	49	23.43	23.24	23.08	
20	16QAM	1	99	23.36	23.17	23.09	
20	16QAM	50	0	22.19	22.09	21.97	23.25
20	16QAM	50	24	22.16	22.08	21.99	
20	16QAM	50	50	22.23	22.08	21.92	
20	16QAM	100	0	22.20	22.01	21.97	
20	64QAM	1	0	22.31	22.20	22.04	23.25
20	64QAM	1	49	22.34	22.17	22.03	
20	64QAM	1	99	22.32	22.19	22.08	
20	64QAM	50	0	21.15	21.08	20.98	22.25
20	64QAM	50	24	21.25	21.16	20.97	
20	64QAM	50	50	21.31	21.09	20.97	
20	64QAM	100	0	21.23	21.05	21.04	
20	256QAM	1	0	19.05	18.98	18.94	20.25
20	256QAM	1	49	19.16	19.08	18.99	
20	256QAM	1	99	19.25	18.98	19.12	
20	256QAM	50	0	19.02	19.01	18.91	20.25
20	256QAM	50	24	19.14	18.99	18.90	
20	256QAM	50	50	19.14	18.94	18.94	
20	256QAM	100	0	19.08	18.99	18.90	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.05	23.99	24.02	25.25
15	QPSK	1	37	23.99	23.90	23.83	
15	QPSK	1	74	24.11	23.98	23.92	
15	QPSK	36	0	23.15	23.10	23.00	24.25
15	QPSK	36	20	23.16	23.12	23.00	
15	QPSK	36	39	23.11	23.13	23.01	
15	QPSK	75	0	23.17	23.14	23.03	
15	16QAM	1	0	23.21	23.38	23.19	24.25
15	16QAM	1	37	23.41	23.28	23.28	
15	16QAM	1	74	23.35	23.23	23.25	
15	16QAM	36	0	22.17	22.06	21.99	23.25
15	16QAM	36	20	22.11	22.10	22.03	
15	16QAM	36	39	22.15	22.08	21.99	
15	16QAM	75	0	22.13	22.05	22.02	
15	64QAM	1	0	22.23	22.20	22.15	23.25
15	64QAM	1	37	22.19	22.24	22.19	
15	64QAM	1	74	22.29	22.23	22.14	
15	64QAM	36	0	21.10	21.16	21.01	22.25
15	64QAM	36	20	21.20	21.04	21.02	
15	64QAM	36	39	21.20	21.07	21.01	
15	64QAM	75	0	21.20	21.15	21.02	
15	256QAM	1	0	19.04	18.96	18.88	20.25
15	256QAM	1	37	19.08	19.06	19.02	
15	256QAM	1	74	19.23	18.93	19.08	
15	256QAM	36	0	18.99	19.02	18.84	20.25
15	256QAM	36	20	19.09	18.92	18.90	
15	256QAM	36	39	19.14	18.97	18.94	
15	256QAM	75	0	19.02	18.95	18.83	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.04	24.02	24.03	25.25
10	QPSK	1	25	23.96	23.86	23.85	
10	QPSK	1	49	24.06	24.11	23.88	
10	QPSK	25	0	23.14	23.13	23.02	24.25
10	QPSK	25	12	23.22	23.13	23.04	
10	QPSK	25	25	23.18	23.14	22.99	
10	QPSK	50	0	23.21	23.15	23.05	
10	16QAM	1	0	23.37	23.48	23.34	24.25
10	16QAM	1	25	23.36	23.31	23.26	
10	16QAM	1	49	23.35	23.34	23.35	
10	16QAM	25	0	22.21	22.13	22.06	23.25
10	16QAM	25	12	22.18	22.12	22.04	
10	16QAM	25	25	22.24	22.14	21.98	
10	16QAM	50	0	22.25	22.14	22.12	
10	64QAM	1	0	22.41	22.34	22.16	23.25
10	64QAM	1	25	22.36	22.28	22.12	
10	64QAM	1	49	22.43	22.29	22.30	
10	64QAM	25	0	21.22	21.15	21.10	22.25
10	64QAM	25	12	21.14	21.16	21.06	
10	64QAM	25	25	21.22	21.19	21.01	
10	64QAM	50	0	21.21	21.19	21.16	
10	256QAM	1	0	19.02	18.93	19.00	20.25
10	256QAM	1	25	19.13	19.10	19.01	
10	256QAM	1	49	19.15	18.90	19.06	
10	256QAM	25	0	18.98	18.93	18.87	20.25
10	256QAM	25	12	19.15	19.05	18.89	
10	256QAM	25	25	19.08	18.89	18.88	
10	256QAM	50	0	19.02	18.92	18.77	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.03	24.06	24.10	25.25
5	QPSK	1	12	24.09	24.06	24.08	
5	QPSK	1	24	24.07	24.06	23.97	
5	QPSK	12	0	23.16	23.12	23.04	24.25
5	QPSK	12	7	23.18	23.19	23.11	
5	QPSK	12	13	23.15	23.20	23.11	
5	QPSK	25	0	23.24	23.13	23.09	
5	16QAM	1	0	23.37	23.37	23.37	24.25
5	16QAM	1	12	23.35	23.41	23.25	
5	16QAM	1	24	23.40	23.32	23.30	
5	16QAM	12	0	22.26	22.22	22.13	23.25
5	16QAM	12	7	22.32	22.24	22.18	
5	16QAM	12	13	22.21	22.27	22.15	
5	16QAM	25	0	22.21	22.13	22.13	
5	64QAM	1	0	22.36	22.26	22.30	23.25
5	64QAM	1	12	22.49	22.33	22.21	
5	64QAM	1	24	22.41	22.33	22.24	
5	64QAM	12	0	21.25	21.16	21.09	22.25
5	64QAM	12	7	21.27	21.22	21.15	
5	64QAM	12	13	21.22	21.18	21.17	
5	64QAM	25	0	21.20	21.18	21.11	
5	256QAM	1	0	19.02	19.04	18.95	20.25
5	256QAM	1	12	19.09	19.01	18.96	
5	256QAM	1	24	19.14	18.95	19.09	
5	256QAM	12	0	18.97	18.97	18.87	20.25
5	256QAM	12	7	19.04	18.93	18.86	
5	256QAM	12	13	19.16	18.94	18.85	
5	256QAM	25	0	19.01	18.91	18.77	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.06	24.05	24.07	25.25
3	QPSK	1	8	24.08	23.94	23.95	
3	QPSK	1	14	24.13	24.01	23.92	
3	QPSK	8	0	23.08	23.04	22.98	24.25
3	QPSK	8	4	23.14	23.03	23.04	
3	QPSK	8	7	23.13	23.14	23.08	
3	QPSK	15	0	23.14	23.03	23.01	
3	16QAM	1	0	23.33	23.29	23.28	24.25
3	16QAM	1	8	23.31	23.21	23.23	
3	16QAM	1	14	23.38	23.20	23.25	
3	16QAM	8	0	22.12	22.08	22.05	23.25
3	16QAM	8	4	22.21	22.14	22.05	
3	16QAM	8	7	22.17	22.10	22.13	
3	16QAM	15	0	22.12	22.07	22.03	
3	64QAM	1	0	22.25	22.25	22.12	23.25
3	64QAM	1	8	22.17	22.17	22.08	
3	64QAM	1	14	22.25	22.15	22.12	
3	64QAM	8	0	21.15	21.14	21.05	22.25
3	64QAM	8	4	21.17	21.16	21.08	
3	64QAM	8	7	21.13	21.14	21.06	
3	64QAM	15	0	21.12	21.09	21.09	
3	256QAM	1	0	19.08	18.89	19.00	20.25
3	256QAM	1	8	19.05	19.05	18.93	
3	256QAM	1	14	19.20	19.05	19.07	
3	256QAM	8	0	19.02	19.02	18.87	20.25
3	256QAM	8	4	19.02	19.06	18.90	
3	256QAM	8	7	19.05	18.87	18.90	
3	256QAM	15	0	19.01	18.92	18.93	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.11	24.01	23.99	25.25
1.4	QPSK	1	3	24.02	23.95	23.88	
1.4	QPSK	1	5	24.08	24.02	23.94	
1.4	QPSK	3	0	24.11	23.98	23.95	
1.4	QPSK	3	1	24.09	24.02	24.01	
1.4	QPSK	3	3	24.03	23.93	23.91	
1.4	QPSK	6	0	23.15	22.97	22.95	24.25
1.4	16QAM	1	0	23.40	23.26	23.15	24.25
1.4	16QAM	1	3	23.24	23.17	23.14	
1.4	16QAM	1	5	23.33	23.29	23.21	
1.4	16QAM	3	0	23.18	23.10	23.13	
1.4	16QAM	3	1	23.22	23.16	23.04	
1.4	16QAM	3	3	23.22	23.18	23.01	
1.4	16QAM	6	0	22.16	22.14	22.09	23.25
1.4	64QAM	1	0	22.19	22.13	22.11	23.25
1.4	64QAM	1	3	22.11	22.04	22.00	
1.4	64QAM	1	5	22.23	22.20	22.07	
1.4	64QAM	3	0	22.16	22.05	22.13	
1.4	64QAM	3	1	22.18	22.16	22.03	
1.4	64QAM	3	3	22.13	22.20	22.13	
1.4	64QAM	6	0	21.14	21.04	21.01	22.25
1.4	256QAM	1	0	19.03	18.95	18.86	20.25
1.4	256QAM	1	3	19.15	18.95	19.03	
1.4	256QAM	1	5	19.21	18.99	19.08	
1.4	256QAM	3	0	18.99	18.97	18.86	
1.4	256QAM	3	1	19.12	19.04	18.84	
1.4	256QAM	3	3	19.14	18.84	18.90	
1.4	256QAM	6	0	19.06	19.03	18.77	20.25

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20400	20525	20650	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.64	24.71	24.83	25.5
10	QPSK	1	25	24.63	24.61	24.43	
10	QPSK	1	49	24.62	24.62	24.47	
10	QPSK	25	0	23.71	23.75	23.56	24.5
10	QPSK	25	12	23.68	23.71	23.54	
10	QPSK	25	25	23.70	23.74	23.55	
10	QPSK	50	0	23.66	23.72	23.62	
10	16QAM	1	0	23.98	23.87	23.89	24.5
10	16QAM	1	25	23.87	23.83	23.88	
10	16QAM	1	49	23.91	23.94	23.75	
10	16QAM	25	0	22.67	22.64	22.55	23.5
10	16QAM	25	12	22.69	22.59	22.60	
10	16QAM	25	25	22.73	22.62	22.53	
10	16QAM	50	0	22.80	22.66	22.60	
10	64QAM	1	0	22.88	22.80	22.88	23.5
10	64QAM	1	25	22.94	22.68	22.87	
10	64QAM	1	49	22.95	22.89	22.73	
10	64QAM	25	0	21.76	21.69	21.59	22.5
10	64QAM	25	12	21.72	21.70	21.61	
10	64QAM	25	25	21.69	21.68	21.59	
10	64QAM	50	0	21.76	21.77	21.60	
10	256QAM	1	0	20.00	19.96	20.01	20.5
10	256QAM	1	25	19.90	19.80	19.87	
10	256QAM	1	49	19.97	19.77	19.85	
10	256QAM	25	0	19.91	19.78	19.79	20.5
10	256QAM	25	12	19.83	19.76	19.78	
10	256QAM	25	25	19.84	19.72	19.77	
10	256QAM	50	0	19.92	19.75	19.79	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.70	24.70	24.61	25.5
5	QPSK	1	12	24.70	24.64	24.50	
5	QPSK	1	24	24.69	24.59	24.42	
5	QPSK	12	0	23.80	23.68	23.55	24.5
5	QPSK	12	7	23.77	23.67	23.58	
5	QPSK	12	13	23.71	23.65	23.60	
5	QPSK	25	0	23.74	23.70	23.61	
5	16QAM	1	0	24.04	23.93	23.87	24.5
5	16QAM	1	12	24.01	24.03	23.90	
5	16QAM	1	24	23.97	23.85	23.79	
5	16QAM	12	0	22.75	22.74	22.68	23.5
5	16QAM	12	7	22.74	22.79	22.68	
5	16QAM	12	13	22.71	22.73	22.60	
5	16QAM	25	0	22.76	22.68	22.58	
5	64QAM	1	0	22.88	22.91	22.86	23.5
5	64QAM	1	12	22.86	22.91	22.83	
5	64QAM	1	24	22.98	22.76	22.72	
5	64QAM	12	0	21.73	21.73	21.62	22.5
5	64QAM	12	7	21.80	21.73	21.72	
5	64QAM	12	13	21.77	21.82	21.65	
5	64QAM	25	0	21.81	21.73	21.69	
5	256QAM	1	0	19.99	19.83	20.01	20.5
5	256QAM	1	12	19.89	19.75	19.74	
5	256QAM	1	24	19.86	19.73	19.84	
5	256QAM	12	0	19.87	19.67	19.72	20.5
5	256QAM	12	7	19.92	19.70	19.76	
5	256QAM	12	13	19.87	19.76	19.75	
5	256QAM	25	0	19.81	19.77	19.80	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.65	24.56	24.54	25.5
3	QPSK	1	8	24.63	24.55	24.43	
3	QPSK	1	14	24.65	24.52	24.41	
3	QPSK	8	0	23.72	23.52	23.47	24.5
3	QPSK	8	4	23.68	23.54	23.47	
3	QPSK	8	7	23.72	23.55	23.54	
3	QPSK	15	0	23.71	23.57	23.48	
3	16QAM	1	0	23.91	23.82	23.72	24.5
3	16QAM	1	8	23.86	23.79	23.60	
3	16QAM	1	14	23.98	23.84	23.66	
3	16QAM	8	0	22.61	22.67	22.52	23.5
3	16QAM	8	4	22.70	22.72	22.55	
3	16QAM	8	7	22.75	22.75	22.58	
3	16QAM	15	0	22.66	22.63	22.58	
3	64QAM	1	0	22.80	22.78	22.73	23.5
3	64QAM	1	8	22.85	22.74	22.66	
3	64QAM	1	14	22.76	22.76	22.69	
3	64QAM	8	0	21.62	21.63	21.55	22.5
3	64QAM	8	4	21.74	21.67	21.58	
3	64QAM	8	7	21.76	21.66	21.58	
3	64QAM	15	0	21.64	21.61	21.59	
3	256QAM	1	0	19.93	19.86	19.92	20.5
3	256QAM	1	8	19.88	19.75	19.81	
3	256QAM	1	14	19.85	19.74	19.77	
3	256QAM	8	0	19.87	19.80	19.80	20.5
3	256QAM	8	4	19.79	19.71	19.75	
3	256QAM	8	7	19.81	19.69	19.67	
3	256QAM	15	0	19.86	19.79	19.80	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.68	24.59	24.43	25.5
1.4	QPSK	1	3	24.58	24.50	24.39	
1.4	QPSK	1	5	24.56	24.52	24.39	
1.4	QPSK	3	0	24.61	24.60	24.44	
1.4	QPSK	3	1	24.71	24.59	24.45	
1.4	QPSK	3	3	24.63	24.56	24.39	
1.4	QPSK	6	0	23.57	23.60	23.44	24.5
1.4	16QAM	1	0	23.85	23.82	23.67	24.5
1.4	16QAM	1	3	23.78	23.71	23.58	
1.4	16QAM	1	5	23.83	23.81	23.57	
1.4	16QAM	3	0	23.72	23.59	23.53	
1.4	16QAM	3	1	23.72	23.73	23.58	
1.4	16QAM	3	3	23.72	23.73	23.53	
1.4	16QAM	6	0	22.68	22.64	22.44	23.5
1.4	64QAM	1	0	22.80	22.81	22.66	23.5
1.4	64QAM	1	3	22.75	22.68	22.58	
1.4	64QAM	1	5	22.84	22.73	22.64	
1.4	64QAM	3	0	22.71	22.63	22.54	
1.4	64QAM	3	1	22.80	22.68	22.65	
1.4	64QAM	3	3	22.74	22.67	22.64	
1.4	64QAM	6	0	21.63	21.68	21.55	22.5
1.4	256QAM	1	0	19.87	19.92	19.87	20.5
1.4	256QAM	1	3	19.88	19.82	19.85	
1.4	256QAM	1	5	19.87	19.75	19.82	
1.4	256QAM	3	0	19.91	19.74	19.78	
1.4	256QAM	3	1	19.79	19.68	19.76	
1.4	256QAM	3	3	19.83	19.64	19.78	
1.4	256QAM	6	0	19.86	19.80	19.76	20.5

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.35	24.40	24.34	25.2
20	QPSK	1	49	24.34	24.32	24.27	
20	QPSK	1	99	24.29	24.32	24.33	
20	QPSK	50	0	23.26	23.32	23.27	24.2
20	QPSK	50	24	23.22	23.20	23.26	
20	QPSK	50	50	23.25	23.28	23.23	
20	QPSK	100	0	23.19	23.22	23.17	
20	16QAM	1	0	23.30	23.32	23.43	24.2
20	16QAM	1	49	23.25	23.37	23.30	
20	16QAM	1	99	23.37	23.40	23.35	
20	16QAM	50	0	22.19	22.17	22.21	23.2
20	16QAM	50	24	22.29	22.20	22.29	
20	16QAM	50	50	22.22	22.29	22.26	
20	16QAM	100	0	22.17	22.19	22.17	
20	64QAM	1	0	22.30	22.30	22.31	23.2
20	64QAM	1	49	22.20	22.28	22.25	
20	64QAM	1	99	22.25	22.42	22.39	
20	64QAM	50	0	21.23	21.21	21.30	22.2
20	64QAM	50	24	21.30	21.24	21.34	
20	64QAM	50	50	21.25	21.32	21.25	
20	64QAM	100	0	21.32	21.22	21.29	
20	256QAM	1	0	19.26	19.22	19.24	20.2
20	256QAM	1	49	19.19	19.04	19.07	
20	256QAM	1	99	19.15	19.06	19.12	
20	256QAM	50	0	19.23	19.04	19.10	20.2
20	256QAM	50	24	19.27	19.02	19.12	
20	256QAM	50	50	19.14	18.93	19.07	
20	256QAM	100	0	19.16	19.07	19.10	
Channel				20625	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.03	24.14	24.09	25.2
15	QPSK	1	37	24.04	24.04	24.08	
15	QPSK	1	74	24.11	24.09	24.11	
15	QPSK	36	0	23.23	23.16	23.22	24.2
15	QPSK	36	20	23.22	23.24	23.21	
15	QPSK	36	39	23.27	23.27	23.22	
15	QPSK	75	0	23.26	23.19	23.24	
15	16QAM	1	0	23.33	23.39	23.35	24.2
15	16QAM	1	37	23.43	23.51	23.35	
15	16QAM	1	74	23.37	23.50	23.40	
15	16QAM	36	0	22.18	22.18	22.23	23.2
15	16QAM	36	20	22.12	22.17	22.20	
15	16QAM	36	39	22.14	22.20	22.29	
15	16QAM	75	0	22.18	22.27	22.31	
15	64QAM	1	0	22.20	22.24	22.29	23.2
15	64QAM	1	37	22.24	22.31	22.21	
15	64QAM	1	74	22.22	22.37	22.36	
15	64QAM	36	0	21.14	21.18	21.21	22.2
15	64QAM	36	20	21.25	21.24	21.28	
15	64QAM	36	39	21.20	21.24	21.27	
15	64QAM	75	0	21.24	21.23	21.22	
15	256QAM	1	0	19.21	19.14	19.15	20.2
15	256QAM	1	37	19.17	19.01	19.00	
15	256QAM	1	74	19.05	18.95	19.07	
15	256QAM	36	0	19.21	19.01	19.10	20.2
15	256QAM	36	20	19.17	18.98	19.05	
15	256QAM	36	39	19.02	18.95	19.04	
15	256QAM	75	0	19.08	19.06	19.05	
Channel				20600	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.09	24.08	24.10	25.2
10	QPSK	1	25	24.06	24.05	24.07	
10	QPSK	1	49	24.19	24.09	24.07	
10	QPSK	25	0	23.20	23.27	23.27	24.2
10	QPSK	25	12	23.30	23.23	23.25	
10	QPSK	25	25	23.31	23.25	23.28	
10	QPSK	50	0	23.31	23.33	23.35	
10	16QAM	1	0	23.47	23.42	23.43	24.2
10	16QAM	1	25	23.38	23.34	23.34	
10	16QAM	1	49	23.39	23.49	23.47	
10	16QAM	25	0	22.20	22.21	22.20	23.2
10	16QAM	25	12	22.22	22.31	22.26	
10	16QAM	25	25	22.29	22.32	22.26	
10	16QAM	50	0	22.30	22.39	22.37	
10	64QAM	1	0	22.39	22.39	22.28	23.2
10	64QAM	1	25	22.35	22.48	22.39	
10	64QAM	1	49	22.46	22.50	22.44	
10	64QAM	25	0	21.26	21.26	21.30	22.2
10	64QAM	25	12	21.28	21.23	21.23	
10	64QAM	25	25	21.33	21.33	21.26	
10	64QAM	50	0	21.32	21.38	21.32	
10	256QAM	1	0	19.28	19.18	19.17	20.2
10	256QAM	1	25	19.10	19.06	19.01	
10	256QAM	1	49	19.15	18.95	18.99	
10	256QAM	25	0	19.13	19.12	19.08	20.2
10	256QAM	25	12	19.13	19.05	19.14	
10	256QAM	25	25	19.02	18.91	19.03	
10	256QAM	50	0	19.02	19.02	19.01	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.07	24.08	24.09	25.2
5	QPSK	1	12	24.19	24.09	24.15	
5	QPSK	1	24	24.15	24.14	24.13	
5	QPSK	12	0	23.23	23.25	23.24	24.2
5	QPSK	12	7	23.24	23.25	23.31	
5	QPSK	12	13	23.30	23.32	23.31	
5	QPSK	25	0	23.30	23.31	23.29	
5	16QAM	1	0	23.45	23.48	23.43	24.2
5	16QAM	1	12	23.40	23.45	23.35	
5	16QAM	1	24	23.38	23.47	23.44	
5	16QAM	12	0	22.21	22.30	22.31	23.2
5	16QAM	12	7	22.25	22.33	22.35	
5	16QAM	12	13	22.26	22.28	22.35	
5	16QAM	25	0	22.26	22.30	22.27	
5	64QAM	1	0	22.39	22.44	22.27	23.2
5	64QAM	1	12	22.38	22.46	22.31	
5	64QAM	1	24	22.46	22.48	22.38	
5	64QAM	12	0	21.32	21.33	21.24	22.2
5	64QAM	12	7	21.24	21.29	21.27	
5	64QAM	12	13	21.32	21.28	21.35	
5	64QAM	25	0	21.30	21.31	21.34	
5	256QAM	1	0	19.14	19.16	19.20	20.2
5	256QAM	1	12	19.11	18.96	19.07	
5	256QAM	1	24	19.07	18.98	19.00	
5	256QAM	12	0	19.16	18.98	19.11	20.2
5	256QAM	12	7	19.12	19.08	19.08	
5	256QAM	12	13	19.13	18.96	18.97	
5	256QAM	25	0	19.12	18.92	19.02	

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.31	24.34	24.31	25.3
10	QPSK	1	25	24.16	24.24	24.21	
10	QPSK	1	49	24.30	24.30	24.22	
10	QPSK	25	0	23.35	23.40	23.37	24.3
10	QPSK	25	12	23.34	23.33	23.35	
10	QPSK	25	25	23.28	23.38	23.36	
10	QPSK	50	0	23.32	23.35	23.34	
10	16QAM	1	0	23.51	23.66	23.67	24.3
10	16QAM	1	25	23.56	23.71	23.60	
10	16QAM	1	49	23.66	23.68	23.64	
10	16QAM	25	0	22.31	22.33	22.30	23.3
10	16QAM	25	12	22.33	22.47	22.40	
10	16QAM	25	25	22.37	22.47	22.43	
10	16QAM	50	0	22.32	22.48	22.38	
10	64QAM	1	0	22.58	22.56	22.62	23.3
10	64QAM	1	25	22.43	22.61	22.52	
10	64QAM	1	49	22.63	22.63	22.62	
10	64QAM	25	0	21.36	21.34	21.37	22.3
10	64QAM	25	12	21.41	21.37	21.38	
10	64QAM	25	25	21.40	21.47	21.47	
10	64QAM	50	0	21.43	21.54	21.46	
10	256QAM	1	0	19.65	19.72	19.74	20.3
10	256QAM	1	25	19.48	19.62	19.66	
10	256QAM	1	49	19.59	19.59	19.59	
10	256QAM	25	0	19.52	19.71	19.68	20.3
10	256QAM	25	12	19.50	19.62	19.58	
10	256QAM	25	25	19.53	19.62	19.62	
10	256QAM	50	0	19.62	19.59	19.74	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.32	24.30	24.28	25.3
5	QPSK	1	12	24.31	24.29	24.33	
5	QPSK	1	24	24.29	24.29	24.23	
5	QPSK	12	0	23.30	23.41	23.36	24.3
5	QPSK	12	7	23.37	23.40	23.41	
5	QPSK	12	13	23.39	23.44	23.38	
5	QPSK	25	0	23.33	23.38	23.34	
5	16QAM	1	0	23.68	23.73	23.65	24.3
5	16QAM	1	12	23.68	23.78	23.67	
5	16QAM	1	24	23.71	23.70	23.58	
5	16QAM	12	0	22.44	22.39	22.43	23.3
5	16QAM	12	7	22.47	22.46	22.39	
5	16QAM	12	13	22.46	22.52	22.43	
5	16QAM	25	0	22.43	22.42	22.34	
5	64QAM	1	0	22.58	22.55	22.49	23.3
5	64QAM	1	12	22.65	22.67	22.49	
5	64QAM	1	24	22.66	22.65	22.45	
5	64QAM	12	0	21.50	21.51	21.38	22.3
5	64QAM	12	7	21.49	21.47	21.46	
5	64QAM	12	13	21.50	21.48	21.48	
5	64QAM	25	0	21.41	21.44	21.43	
5	256QAM	1	0	19.59	19.60	19.72	20.3
5	256QAM	1	12	19.50	19.59	19.60	
5	256QAM	1	24	19.46	19.49	19.58	
5	256QAM	12	0	19.55	19.62	19.65	20.3
5	256QAM	12	7	19.49	19.59	19.51	
5	256QAM	12	13	19.45	19.53	19.60	
5	256QAM	25	0	19.53	19.54	19.63	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.20	24.29	24.21	25.3
3	QPSK	1	8	24.22	24.27	24.17	
3	QPSK	1	14	24.26	24.30	24.27	
3	QPSK	8	0	23.32	23.37	23.35	24.3
3	QPSK	8	4	23.24	23.38	23.34	
3	QPSK	8	7	23.31	23.39	23.32	
3	QPSK	15	0	23.31	23.38	23.33	
3	16QAM	1	0	23.56	23.61	23.54	24.3
3	16QAM	1	8	23.59	23.59	23.57	
3	16QAM	1	14	23.54	23.59	23.51	
3	16QAM	8	0	22.46	22.42	22.32	23.3
3	16QAM	8	4	22.42	22.40	22.37	
3	16QAM	8	7	22.52	22.45	22.41	
3	16QAM	15	0	22.41	22.43	22.35	
3	64QAM	1	0	22.43	22.55	22.52	23.3
3	64QAM	1	8	22.49	22.52	22.52	
3	64QAM	1	14	22.53	22.50	22.46	
3	64QAM	8	0	21.45	21.38	21.38	22.3
3	64QAM	8	4	21.46	21.47	21.40	
3	64QAM	8	7	21.46	21.47	21.33	
3	64QAM	15	0	21.41	21.41	21.33	
3	256QAM	1	0	19.58	19.67	19.67	20.3
3	256QAM	1	8	19.46	19.58	19.64	
3	256QAM	1	14	19.55	19.53	19.53	
3	256QAM	8	0	19.53	19.65	19.66	20.3
3	256QAM	8	4	19.45	19.61	19.45	
3	256QAM	8	7	19.45	19.56	19.47	
3	256QAM	15	0	19.52	19.63	19.66	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.30	24.33	24.27	25.3
1.4	QPSK	1	3	24.19	24.27	24.20	
1.4	QPSK	1	5	24.33	24.31	24.22	
1.4	QPSK	3	0	24.30	24.33	24.17	
1.4	QPSK	3	1	24.31	24.33	24.24	
1.4	QPSK	3	3	24.27	24.22	24.16	
1.4	QPSK	6	0	23.27	23.29	23.18	24.3
1.4	16QAM	1	0	23.47	23.53	23.49	24.3
1.4	16QAM	1	3	23.42	23.53	23.39	
1.4	16QAM	1	5	23.62	23.57	23.49	
1.4	16QAM	3	0	23.44	23.41	23.30	
1.4	16QAM	3	1	23.46	23.48	23.30	
1.4	16QAM	3	3	23.44	23.39	23.35	
1.4	16QAM	6	0	22.30	22.30	22.27	23.3
1.4	64QAM	1	0	22.47	22.51	22.48	23.3
1.4	64QAM	1	3	22.38	22.31	22.27	
1.4	64QAM	1	5	22.55	22.43	22.42	
1.4	64QAM	3	0	22.47	22.37	22.35	
1.4	64QAM	3	1	22.52	22.50	22.38	
1.4	64QAM	3	3	22.43	22.41	22.31	
1.4	64QAM	6	0	21.37	21.33	21.32	22.3
1.4	256QAM	1	0	19.51	19.61	19.70	20.3
1.4	256QAM	1	3	19.40	19.52	19.59	
1.4	256QAM	1	5	19.56	19.65	19.58	
1.4	256QAM	3	0	19.56	19.62	19.61	
1.4	256QAM	3	1	19.49	19.54	19.46	
1.4	256QAM	3	3	19.51	19.54	19.57	
1.4	256QAM	6	0	19.46	19.66	19.63	20.3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		24.26		25.3
10	QPSK	1	25		24.20		
10	QPSK	1	49		24.25		
10	QPSK	25	0		23.36		24.3
10	QPSK	25	12		23.34		
10	QPSK	25	25		23.33		
10	QPSK	50	0		23.42		
10	16QAM	1	0		23.59		24.3
10	16QAM	1	25		23.52		
10	16QAM	1	49		23.59		
10	16QAM	25	0		22.38		23.3
10	16QAM	25	12		22.38		
10	16QAM	25	25		22.38		
10	16QAM	50	0		22.41		
10	64QAM	1	0		22.54		23.3
10	64QAM	1	25		22.52		
10	64QAM	1	49		22.60		
10	64QAM	25	0		21.37		22.3
10	64QAM	25	12		21.40		
10	64QAM	25	25		21.42		
10	64QAM	50	0		21.44		
10	256QAM	1	0		19.62		20.3
10	256QAM	1	25		19.60		
10	256QAM	1	49		19.63		
10	256QAM	25	0		19.58		20.3
10	256QAM	25	12		19.51		
10	256QAM	25	25		19.49		
10	256QAM	50	0		19.48		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.25	24.19	24.23	25.3
5	QPSK	1	12	24.15	24.20	24.24	
5	QPSK	1	24	24.16	24.13	24.21	
5	QPSK	12	0	23.33	23.37	23.41	24.3
5	QPSK	12	7	23.35	23.42	23.44	
5	QPSK	12	13	23.34	23.37	23.41	
5	QPSK	25	0	23.33	23.33	23.39	
5	16QAM	1	0	23.52	23.70	23.70	24.3
5	16QAM	1	12	23.58	23.72	23.68	
5	16QAM	1	24	23.61	23.63	23.63	
5	16QAM	12	0	22.40	22.44	22.48	23.3
5	16QAM	12	7	22.44	22.47	22.51	
5	16QAM	12	13	22.43	22.46	22.48	
5	16QAM	25	0	22.36	22.41	22.45	
5	64QAM	1	0	22.43	22.58	22.65	23.3
5	64QAM	1	12	22.39	22.60	22.52	
5	64QAM	1	24	22.55	22.61	22.56	
5	64QAM	12	0	21.40	21.43	21.46	22.3
5	64QAM	12	7	21.42	21.47	21.52	
5	64QAM	12	13	21.45	21.48	21.51	
5	64QAM	25	0	21.41	21.42	21.46	
5	256QAM	1	0	19.56	19.65	19.73	20.3
5	256QAM	1	12	19.61	19.63	19.72	
5	256QAM	1	24	19.52	19.56	19.59	
5	256QAM	12	0	19.48	19.50	19.53	20.3
5	256QAM	12	7	19.43	19.51	19.52	
5	256QAM	12	13	19.45	19.48	19.49	
5	256QAM	25	0	19.44	19.45	19.46	

Band 14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		24.44		25.5
10	QPSK	1	25		24.32		
10	QPSK	1	49		24.43		
10	QPSK	25	0		23.53		24.5
10	QPSK	25	12		23.52		
10	QPSK	25	25		23.48		
10	QPSK	50	0		23.54		
10	16QAM	1	0		23.81		24.5
10	16QAM	1	25		23.82		
10	16QAM	1	49		23.84		
10	16QAM	25	0		22.54		23.5
10	16QAM	25	12		22.57		
10	16QAM	25	25		22.55		
10	16QAM	50	0		22.63		
10	64QAM	1	0		22.65		23.5
10	64QAM	1	25		22.71		
10	64QAM	1	49		22.73		
10	64QAM	25	0		21.57		22.5
10	64QAM	25	12		21.59		
10	64QAM	25	25		21.61		
10	64QAM	50	0		21.67		
10	256QAM	1	0		19.81		20.5
10	256QAM	1	25		19.69		
10	256QAM	1	49		19.70		
10	256QAM	25	0		19.67		20.5
10	256QAM	25	12		19.65		
10	256QAM	25	25		19.64		
10	256QAM	50	0		19.62		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.36	24.40	24.43	25.5
5	QPSK	1	12	24.37	24.38	24.42	
5	QPSK	1	24	24.37	24.39	24.41	
5	QPSK	12	0	23.52	23.57	23.69	24.5
5	QPSK	12	7	23.55	23.60	23.64	
5	QPSK	12	13	23.50	23.58	23.63	
5	QPSK	25	0	23.51	23.57	23.62	
5	16QAM	1	0	23.77	23.92	23.97	24.5
5	16QAM	1	12	23.87	23.86	23.95	
5	16QAM	1	24	23.79	23.77	23.92	
5	16QAM	12	0	22.54	22.60	22.69	23.5
5	16QAM	12	7	22.63	22.62	22.68	
5	16QAM	12	13	22.63	22.61	22.69	
5	16QAM	25	0	22.56	22.58	22.64	
5	64QAM	1	0	22.69	22.69	22.82	23.5
5	64QAM	1	12	22.64	22.62	22.77	
5	64QAM	1	24	22.74	22.77	22.82	
5	64QAM	12	0	21.58	21.65	21.74	22.5
5	64QAM	12	7	21.65	21.64	21.72	
5	64QAM	12	13	21.66	21.64	21.69	
5	64QAM	25	0	21.61	21.60	21.66	
5	256QAM	1	0	19.75	19.81	19.94	20.5
5	256QAM	1	12	19.81	19.79	19.88	
5	256QAM	1	24	19.76	19.83	19.87	
5	256QAM	12	0	19.67	19.73	19.80	20.5
5	256QAM	12	7	19.68	19.71	19.78	
5	256QAM	12	13	19.65	19.70	19.76	
5	256QAM	25	0	19.62	19.68	19.75	

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.31	24.32	24.30	25.3
10	QPSK	1	25	24.15	24.20	24.18	
10	QPSK	1	49	24.30	24.30	24.29	
10	QPSK	25	0	23.35	23.38	23.36	24.3
10	QPSK	25	12	23.34	23.35	23.34	
10	QPSK	25	25	23.33	23.36	23.35	
10	QPSK	50	0	23.39	23.40	23.39	
10	16QAM	1	0	23.67	23.62	23.68	24.3
10	16QAM	1	25	23.63	23.56	23.65	
10	16QAM	1	49	23.69	23.67	23.57	
10	16QAM	25	0	22.36	22.38	22.34	23.3
10	16QAM	25	12	22.38	22.38	22.37	
10	16QAM	25	25	22.40	22.40	22.40	
10	16QAM	50	0	22.44	22.44	22.40	
10	64QAM	1	0	22.55	22.62	22.53	23.3
10	64QAM	1	25	22.55	22.59	22.57	
10	64QAM	1	49	22.58	22.56	22.48	
10	64QAM	25	0	21.40	21.39	21.38	22.3
10	64QAM	25	12	21.41	21.43	21.41	
10	64QAM	25	25	21.44	21.45	21.43	
10	64QAM	50	0	21.50	21.48	21.47	
10	256QAM	1	0	19.73	19.70	19.66	20.3
10	256QAM	1	25	19.60	19.56	19.52	
10	256QAM	1	49	19.57	19.52	19.51	
10	256QAM	25	0	19.59	19.64	19.61	20.3
10	256QAM	25	12	19.58	19.58	19.56	
10	256QAM	25	25	19.53	19.56	19.53	
10	256QAM	50	0	19.61	19.63	19.55	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.29	24.30	24.26	25.3
5	QPSK	1	12	24.31	24.31	24.28	
5	QPSK	1	24	24.30	24.30	24.23	
5	QPSK	12	0	23.33	23.39	23.27	24.3
5	QPSK	12	7	23.35	23.41	23.33	
5	QPSK	12	13	23.35	23.40	23.32	
5	QPSK	25	0	23.35	23.37	23.29	
5	16QAM	1	0	23.64	23.72	23.61	24.3
5	16QAM	1	12	23.67	23.71	23.59	
5	16QAM	1	24	23.64	23.64	23.53	
5	16QAM	12	0	22.40	22.45	22.36	23.3
5	16QAM	12	7	22.42	22.43	22.39	
5	16QAM	12	13	22.45	22.45	22.41	
5	16QAM	25	0	22.38	22.39	22.36	
5	64QAM	1	0	22.46	22.58	22.43	23.3
5	64QAM	1	12	22.36	22.53	22.43	
5	64QAM	1	24	22.49	22.58	22.41	
5	64QAM	12	0	21.41	21.49	21.37	22.3
5	64QAM	12	7	21.44	21.49	21.44	
5	64QAM	12	13	21.46	21.47	21.44	
5	64QAM	25	0	21.41	21.42	21.38	
5	256QAM	1	0	19.63	19.62	19.58	20.3
5	256QAM	1	12	19.51	19.53	19.48	
5	256QAM	1	24	19.57	19.48	19.44	
5	256QAM	12	0	19.51	19.56	19.59	20.3
5	256QAM	12	7	19.53	19.49	19.48	
5	256QAM	12	13	19.45	19.49	19.52	
5	256QAM	25	0	19.59	19.60	19.50	

Band 25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.05	24.16	23.94	25.5
20	QPSK	1	49	24.01	24.05	23.83	
20	QPSK	1	99	24.04	24.00	23.80	
20	QPSK	50	0	23.28	23.29	23.01	24.5
20	QPSK	50	24	23.27	23.18	22.99	
20	QPSK	50	50	23.25	23.22	23.00	
20	QPSK	100	0	23.30	23.34	22.96	
20	16QAM	1	0	23.34	23.33	22.98	24.5
20	16QAM	1	49	23.35	23.25	23.00	
20	16QAM	1	99	23.32	23.17	22.80	
20	16QAM	50	0	22.32	22.19	21.87	23.5
20	16QAM	50	24	22.37	22.23	21.96	
20	16QAM	50	50	22.38	22.26	21.99	
20	16QAM	100	0	22.35	22.26	21.91	
20	64QAM	1	0	22.39	22.41	21.93	23.5
20	64QAM	1	49	22.40	22.37	22.01	
20	64QAM	1	99	22.42	22.33	21.82	
20	64QAM	50	0	21.43	21.29	20.90	22.5
20	64QAM	50	24	21.47	21.34	21.02	
20	64QAM	50	50	21.51	21.35	21.03	
20	64QAM	100	0	21.48	21.33	21.00	
20	256QAM	1	0	19.03	18.99	18.92	20.5
20	256QAM	1	49	19.05	19.05	19.00	
20	256QAM	1	99	19.14	19.12	19.15	
20	256QAM	50	0	19.02	18.90	18.97	20.5
20	256QAM	50	24	19.06	18.99	18.91	
20	256QAM	50	50	19.15	18.91	19.03	
20	256QAM	100	0	19.07	18.93	18.93	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.01	24.15	23.91	25.5
15	QPSK	1	37	23.95	24.00	23.79	
15	QPSK	1	74	23.98	23.94	23.70	
15	QPSK	36	0	23.22	23.29	23.00	24.5
15	QPSK	36	20	23.25	23.11	22.91	
15	QPSK	36	39	23.18	23.20	22.90	
15	QPSK	75	0	23.20	23.34	22.93	
15	16QAM	1	0	23.27	23.31	22.92	24.5
15	16QAM	1	37	23.28	23.22	22.92	
15	16QAM	1	74	23.25	23.15	22.74	
15	16QAM	36	0	22.24	22.16	21.84	23.5
15	16QAM	36	20	22.31	22.13	21.92	
15	16QAM	36	39	22.28	22.16	21.91	
15	16QAM	75	0	22.28	22.24	21.91	
15	64QAM	1	0	22.37	22.31	21.88	23.5
15	64QAM	1	37	22.31	22.29	21.94	
15	64QAM	1	74	22.35	22.33	21.76	
15	64QAM	36	0	21.33	21.19	20.81	22.5
15	64QAM	36	20	21.47	21.33	20.95	
15	64QAM	36	39	21.42	21.35	21.02	
15	64QAM	75	0	21.47	21.24	20.97	
15	256QAM	1	0	19.02	18.96	18.91	20.5
15	256QAM	1	37	19.10	19.00	18.97	
15	256QAM	1	74	19.21	19.13	19.14	
15	256QAM	36	0	19.05	18.97	18.94	20.5
15	256QAM	36	20	19.08	19.01	18.99	
15	256QAM	36	39	19.18	18.98	19.08	
15	256QAM	75	0	19.15	18.90	18.87	
Channel				26090	26340	26840	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.97	24.15	23.89	25.5
10	QPSK	1	25	24.01	24.04	23.79	
10	QPSK	1	49	23.95	23.94	23.74	
10	QPSK	25	0	23.20	23.20	22.97	24.5
10	QPSK	25	12	23.22	23.08	22.94	
10	QPSK	25	25	23.23	23.16	22.91	
10	QPSK	50	0	23.30	23.30	22.88	
10	16QAM	1	0	23.26	23.30	22.95	24.5
10	16QAM	1	25	23.35	23.15	22.96	
10	16QAM	1	49	23.29	23.14	22.71	
10	16QAM	25	0	22.30	22.13	21.84	23.5
10	16QAM	25	12	22.32	22.14	21.92	
10	16QAM	25	25	22.28	22.19	21.92	
10	16QAM	50	0	22.32	22.22	21.82	
10	64QAM	1	0	22.36	22.35	21.87	23.5
10	64QAM	1	25	22.31	22.27	21.98	
10	64QAM	1	49	22.40	22.33	21.80	
10	64QAM	25	0	21.39	21.22	20.90	22.5
10	64QAM	25	12	21.42	21.31	21.02	
10	64QAM	25	25	21.46	21.29	21.03	
10	64QAM	50	0	21.48	21.26	20.92	
10	256QAM	1	0	19.04	18.95	18.86	20.5
10	256QAM	1	25	19.02	19.02	18.91	
10	256QAM	1	49	19.14	19.12	19.17	
10	256QAM	25	0	19.05	18.96	18.95	20.5
10	256QAM	25	12	19.01	19.00	18.96	
10	256QAM	25	25	19.12	18.97	19.01	
10	256QAM	50	0	19.08	18.97	18.97	
Channel				26065	26340	26865	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.99	24.15	23.93	25.5
5	QPSK	1	12	23.96	24.02	23.83	
5	QPSK	1	24	23.96	24.00	23.72	
5	QPSK	12	0	23.24	23.23	22.92	24.5
5	QPSK	12	7	23.26	23.15	22.94	
5	QPSK	12	13	23.24	23.17	22.96	
5	QPSK	25	0	23.20	23.32	22.96	
5	16QAM	1	0	23.25	23.29	22.95	24.5
5	16QAM	1	12	23.26	23.15	22.95	
5	16QAM	1	24	23.22	23.11	22.75	
5	16QAM	12	0	22.28	22.09	21.84	23.5
5	16QAM	12	7	22.33	22.20	21.94	
5	16QAM	12	13	22.36	22.21	21.92	
5	16QAM	25	0	22.27	22.22	21.91	
5	64QAM	1	0	22.33	22.39	21.91	23.5
5	64QAM	1	12	22.32	22.30	21.98	
5	64QAM	1	24	22.41	22.31	21.77	
5	64QAM	12	0	21.38	21.21	20.87	22.5
5	64QAM	12	7	21.38	21.33	20.98	
5	64QAM	12	13	21.42	21.35	21.02	
5	64QAM	25	0	21.45	21.32	20.92	
5	256QAM	1	0	19.02	19.04	18.82	20.5
5	256QAM	1	12	19.04	18.98	18.98	
5	256QAM	1	24	19.22	19.11	19.07	
5	256QAM	12	0	19.11	18.92	18.94	20.5
5	256QAM	12	7	19.04	18.95	18.99	
5	256QAM	12	13	19.12	18.98	19.09	
5	256QAM	25	0	19.08	18.93	18.88	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.99	24.14	23.89	25.5
3	QPSK	1	8	23.96	23.95	23.82	
3	QPSK	1	14	23.95	23.99	23.75	
3	QPSK	8	0	23.20	23.20	22.98	24.5
3	QPSK	8	4	23.21	23.09	22.90	
3	QPSK	8	7	23.18	23.20	22.95	
3	QPSK	15	0	23.27	23.30	22.88	
3	16QAM	1	0	23.27	23.33	22.93	24.5
3	16QAM	1	8	23.33	23.25	22.98	
3	16QAM	1	14	23.32	23.07	22.80	
3	16QAM	8	0	22.24	22.16	21.87	23.5
3	16QAM	8	4	22.37	22.16	21.99	
3	16QAM	8	7	22.36	22.19	21.99	
3	16QAM	15	0	22.29	22.22	21.89	
3	64QAM	1	0	22.32	22.31	21.83	23.5
3	64QAM	1	8	22.37	22.29	22.00	
3	64QAM	1	14	22.39	22.32	21.75	
3	64QAM	8	0	21.36	21.22	20.83	22.5
3	64QAM	8	4	21.41	21.25	20.95	
3	64QAM	8	7	21.43	21.28	21.00	
3	64QAM	15	0	21.40	21.31	20.90	
3	256QAM	1	0	19.01	18.96	18.88	20.5
3	256QAM	1	8	19.08	19.03	18.99	
3	256QAM	1	14	19.14	19.09	19.12	
3	256QAM	8	0	19.02	18.98	19.00	20.5
3	256QAM	8	4	19.07	18.96	18.89	
3	256QAM	8	7	19.13	18.92	19.11	
3	256QAM	15	0	19.14	18.91	18.94	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.97	24.04	24.02	25.5
1.4	QPSK	1	3	24.04	23.92	23.91	
1.4	QPSK	1	5	23.97	23.99	23.88	
1.4	QPSK	3	0	24.02	23.96	24.00	
1.4	QPSK	3	1	24.02	23.90	24.02	
1.4	QPSK	3	3	23.96	23.99	23.93	
1.4	QPSK	6	0	23.19	23.00	22.98	24.5
1.4	16QAM	1	0	23.39	23.24	23.21	24.5
1.4	16QAM	1	3	23.22	23.08	23.09	
1.4	16QAM	1	5	23.47	23.21	23.10	
1.4	16QAM	3	0	23.21	23.16	23.07	
1.4	16QAM	3	1	23.25	23.13	22.98	
1.4	16QAM	3	3	23.21	23.10	22.87	
1.4	16QAM	6	0	22.29	22.08	22.00	23.5
1.4	64QAM	1	0	22.28	22.14	22.03	23.5
1.4	64QAM	1	3	22.31	21.97	22.08	
1.4	64QAM	1	5	22.29	22.14	22.14	
1.4	64QAM	3	0	22.20	22.16	21.87	
1.4	64QAM	3	1	22.21	22.11	22.07	
1.4	64QAM	3	3	22.26	22.13	22.03	
1.4	64QAM	6	0	21.18	21.14	21.08	22.5
1.4	256QAM	1	0	18.91	18.93	18.79	20.5
1.4	256QAM	1	3	18.96	19.09	18.79	
1.4	256QAM	1	5	18.98	19.04	19.00	
1.4	256QAM	3	0	18.95	18.96	18.88	
1.4	256QAM	3	1	19.02	19.01	18.93	
1.4	256QAM	3	3	19.01	18.81	18.85	
1.4	256QAM	6	0	19.08	18.90	18.85	20.5

Band 26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26705	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.61	24.62	24.59	25.5
15	QPSK	1	37	24.54	24.38	24.41	
15	QPSK	1	74	24.51	24.50	24.39	
15	QPSK	36	0	23.63	23.64	23.57	24.5
15	QPSK	36	20	23.60	23.61	23.55	
15	QPSK	36	39	23.57	23.58	23.52	
15	QPSK	75	0	23.58	23.59	23.54	
15	16QAM	1	0	23.86	24.02	23.92	24.5
15	16QAM	1	37	23.82	23.93	24.03	
15	16QAM	1	74	23.86	23.85	23.70	
15	16QAM	36	0	22.60	22.62	22.59	23.5
15	16QAM	36	20	22.60	22.62	22.57	
15	16QAM	36	39	22.60	22.60	22.57	
15	16QAM	75	0	22.60	22.60	22.60	
15	64QAM	1	0	22.68	22.81	22.80	23.5
15	64QAM	1	37	22.70	22.71	22.77	
15	64QAM	1	74	22.80	22.84	22.67	
15	64QAM	36	0	21.62	21.65	21.65	22.5
15	64QAM	36	20	21.63	21.67	21.65	
15	64QAM	36	39	21.67	21.66	21.61	
15	64QAM	75	0	21.64	21.64	21.57	
15	256QAM	1	0	19.77	19.95	19.92	20.5
15	256QAM	1	37	19.72	19.89	19.89	
15	256QAM	1	74	19.75	19.82	19.74	
15	256QAM	36	0	19.73	19.84	19.82	20.5
15	256QAM	36	20	19.72	19.78	19.80	
15	256QAM	36	39	19.71	19.74	19.77	
15	256QAM	75	0	19.73	19.78	19.84	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.53	24.56	24.52	25.5
10	QPSK	1	25	24.41	24.43	24.35	
10	QPSK	1	49	24.47	24.51	24.40	
10	QPSK	25	0	23.55	23.58	23.51	24.5
10	QPSK	25	12	23.53	23.57	23.48	
10	QPSK	25	25	23.51	23.55	23.47	
10	QPSK	50	0	23.56	23.58	23.55	
10	16QAM	1	0	23.81	23.90	23.83	24.5
10	16QAM	1	25	23.78	23.83	23.82	
10	16QAM	1	49	23.87	23.82	23.70	
10	16QAM	25	0	22.59	22.58	22.56	23.5
10	16QAM	25	12	22.54	22.60	22.54	
10	16QAM	25	25	22.54	22.56	22.48	
10	16QAM	50	0	22.56	22.62	22.56	
10	64QAM	1	0	22.67	22.83	22.75	23.5
10	64QAM	1	25	22.78	22.76	22.73	
10	64QAM	1	49	22.81	22.78	22.70	
10	64QAM	25	0	21.60	21.61	21.57	22.5
10	64QAM	25	12	21.58	21.60	21.57	
10	64QAM	25	25	21.57	21.64	21.53	
10	64QAM	50	0	21.62	21.68	21.61	
10	256QAM	1	0	19.75	19.89	19.88	20.5
10	256QAM	1	25	19.69	19.83	19.85	
10	256QAM	1	49	19.66	19.74	19.66	
10	256QAM	25	0	19.63	19.78	19.82	20.5
10	256QAM	25	12	19.63	19.74	19.70	
10	256QAM	25	25	19.63	19.74	19.71	
10	256QAM	50	0	19.63	19.76	19.74	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.52	24.54	24.50	25.5
5	QPSK	1	12	24.48	24.57	24.44	
5	QPSK	1	24	24.48	24.53	24.35	
5	QPSK	12	0	23.53	23.59	23.51	24.5
5	QPSK	12	7	23.56	23.61	23.52	
5	QPSK	12	13	23.52	23.58	23.48	
5	QPSK	25	0	23.52	23.57	23.46	
5	16QAM	1	0	23.83	23.95	23.86	24.5
5	16QAM	1	12	23.92	23.92	23.82	
5	16QAM	1	24	23.84	23.84	23.67	
5	16QAM	12	0	22.59	22.60	22.59	23.5
5	16QAM	12	7	22.60	22.66	22.56	
5	16QAM	12	13	22.61	22.64	22.54	
5	16QAM	25	0	22.54	22.57	22.50	
5	64QAM	1	0	22.71	22.76	22.72	23.5
5	64QAM	1	12	22.72	22.63	22.53	
5	64QAM	1	24	22.71	22.70	22.61	
5	64QAM	12	0	21.58	21.65	21.62	22.5
5	64QAM	12	7	21.64	21.68	21.61	
5	64QAM	12	13	21.64	21.67	21.56	
5	64QAM	25	0	21.58	21.62	21.52	
5	256QAM	1	0	19.73	19.89	19.87	20.5
5	256QAM	1	12	19.69	19.85	19.88	
5	256QAM	1	24	19.65	19.81	19.67	
5	256QAM	12	0	19.70	19.78	19.80	20.5
5	256QAM	12	7	19.65	19.68	19.70	
5	256QAM	12	13	19.69	19.68	19.70	
5	256QAM	25	0	19.69	19.77	19.83	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.50	24.51	24.41	25.5
3	QPSK	1	8	24.46	24.44	24.31	
3	QPSK	1	14	24.44	24.48	24.24	
3	QPSK	8	0	23.48	23.53	23.41	24.5
3	QPSK	8	4	23.48	23.52	23.40	
3	QPSK	8	7	23.52	23.52	23.39	
3	QPSK	15	0	23.49	23.53	23.41	
3	16QAM	1	0	23.82	23.81	23.74	24.5
3	16QAM	1	8	23.83	23.78	23.62	
3	16QAM	1	14	23.81	23.77	23.57	
3	16QAM	8	0	22.54	22.60	22.49	23.5
3	16QAM	8	4	22.55	22.62	22.45	
3	16QAM	8	7	22.59	22.65	22.51	
3	16QAM	15	0	22.53	22.59	22.46	
3	64QAM	1	0	22.67	22.74	22.64	23.5
3	64QAM	1	8	22.68	22.68	22.53	
3	64QAM	1	14	22.69	22.71	22.59	
3	64QAM	8	0	21.59	21.60	21.52	22.5
3	64QAM	8	4	21.57	21.62	21.52	
3	64QAM	8	7	21.59	21.62	21.49	
3	64QAM	15	0	21.56	21.59	21.48	
3	256QAM	1	0	19.70	19.87	19.87	20.5
3	256QAM	1	8	19.64	19.81	19.80	
3	256QAM	1	14	19.67	19.76	19.66	
3	256QAM	8	0	19.73	19.82	19.80	20.5
3	256QAM	8	4	19.65	19.72	19.71	
3	256QAM	8	7	19.62	19.67	19.67	
3	256QAM	15	0	19.67	19.73	19.82	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.51	24.50	24.34	25.5
1.4	QPSK	1	3	24.42	24.41	24.24	
1.4	QPSK	1	5	24.50	24.50	24.25	
1.4	QPSK	3	0	24.50	24.46	24.32	
1.4	QPSK	3	1	24.58	24.52	24.33	
1.4	QPSK	3	3	24.43	24.46	24.24	
1.4	QPSK	6	0	23.47	23.46	23.30	24.5
1.4	16QAM	1	0	23.78	23.73	23.51	24.5
1.4	16QAM	1	3	23.70	23.62	23.43	
1.4	16QAM	1	5	23.77	23.74	23.55	
1.4	16QAM	3	0	23.61	23.58	23.45	
1.4	16QAM	3	1	23.63	23.68	23.45	
1.4	16QAM	3	3	23.59	23.56	23.42	
1.4	16QAM	6	0	22.53	22.54	22.41	23.5
1.4	64QAM	1	0	22.66	22.70	22.52	23.5
1.4	64QAM	1	3	22.57	22.63	22.45	
1.4	64QAM	1	5	22.66	22.64	22.54	
1.4	64QAM	3	0	22.54	22.57	22.42	
1.4	64QAM	3	1	22.57	22.62	22.48	
1.4	64QAM	3	3	22.62	22.60	22.52	
1.4	64QAM	6	0	21.55	21.58	21.42	22.5
1.4	256QAM	1	0	19.77	19.93	19.89	20.5
1.4	256QAM	1	3	19.71	19.81	19.88	
1.4	256QAM	1	5	19.67	19.78	19.67	
1.4	256QAM	3	0	19.67	19.84	19.75	
1.4	256QAM	3	1	19.72	19.70	19.80	
1.4	256QAM	3	3	19.63	19.68	19.74	
1.4	256QAM	6	0	19.70	19.77	19.78	20.5

Band 30_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		23.58		24.6
10	QPSK	1	25		23.51		
10	QPSK	1	49		23.54		
10	QPSK	25	0		20.58		21.6
10	QPSK	25	12		20.57		
10	QPSK	25	25		20.54		
10	QPSK	50	0		20.52		
10	16QAM	1	0		22.90		23.6
10	16QAM	1	25		22.82		
10	16QAM	1	49		22.87		
10	16QAM	25	0		20.63		21.6
10	16QAM	25	12		20.65		
10	16QAM	25	25		20.67		
10	16QAM	50	0		20.66		
10	64QAM	1	0		21.91		22.6
10	64QAM	1	25		21.83		
10	64QAM	1	49		21.82		
10	64QAM	25	0		20.67		21.6
10	64QAM	25	12		20.67		
10	64QAM	25	25		20.67		
10	64QAM	50	0		20.68		
10	256QAM	1	0		18.62		19.6
10	256QAM	1	25		18.49		
10	256QAM	1	49		18.48		
10	256QAM	25	0		18.52		19.6
10	256QAM	25	12		18.45		
10	256QAM	25	25		18.36		
10	256QAM	50	0		18.56		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.48	23.47	23.48	24.6
5	QPSK	1	12	23.46	23.42	23.51	
5	QPSK	1	24	23.45	23.44	23.44	
5	QPSK	12	0	20.49	20.58	20.58	21.6
5	QPSK	12	7	20.57	20.59	20.57	
5	QPSK	12	13	20.55	20.54	20.54	
5	QPSK	25	0	20.45	20.43	20.49	
5	16QAM	1	0	22.84	22.86	22.86	23.6
5	16QAM	1	12	22.82	22.78	22.73	
5	16QAM	1	24	22.83	22.83	22.77	
5	16QAM	12	0	20.59	20.59	20.61	21.6
5	16QAM	12	7	20.57	20.64	20.64	
5	16QAM	12	13	20.63	20.63	20.60	
5	16QAM	25	0	20.60	20.64	20.61	
5	64QAM	1	0	21.88	21.88	21.82	22.6
5	64QAM	1	12	21.82	21.75	21.83	
5	64QAM	1	24	21.74	21.77	21.78	
5	64QAM	12	0	20.58	20.65	20.59	21.6
5	64QAM	12	7	20.57	20.58	20.64	
5	64QAM	12	13	20.67	20.57	20.64	
5	64QAM	25	0	20.67	20.63	20.60	
5	256QAM	1	0	18.60	18.56	18.60	19.6
5	256QAM	1	12	18.40	18.49	18.41	
5	256QAM	1	24	18.42	18.40	18.38	
5	256QAM	12	0	18.52	18.44	18.49	19.6
5	256QAM	12	7	18.35	18.35	18.39	
5	256QAM	12	13	18.32	18.36	18.34	
5	256QAM	25	0	18.53	18.56	18.56	

Band 66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.92	23.91	23.88	25.25
20	QPSK	1	49	23.87	23.85	23.58	
20	QPSK	1	99	23.90	23.88	23.57	
20	QPSK	50	0	22.99	22.98	22.72	24.25
20	QPSK	50	24	22.95	22.97	22.69	
20	QPSK	50	50	22.96	22.95	22.66	
20	QPSK	100	0	22.94	22.95	22.68	
20	16QAM	1	0	23.09	22.96	22.92	24.25
20	16QAM	1	49	23.10	22.93	22.76	
20	16QAM	1	99	23.13	22.95	22.81	
20	16QAM	50	0	21.93	21.77	21.71	23.25
20	16QAM	50	24	21.97	21.77	21.69	
20	16QAM	50	50	21.97	21.75	21.68	
20	16QAM	100	0	21.92	21.75	21.71	
20	64QAM	1	0	21.97	21.82	21.78	23.25
20	64QAM	1	49	21.99	21.81	21.75	
20	64QAM	1	99	22.10	21.89	21.89	
20	64QAM	50	0	20.96	20.81	20.76	22.25
20	64QAM	50	24	21.00	20.81	20.76	
20	64QAM	50	50	21.00	20.79	20.76	
20	64QAM	100	0	20.96	20.79	20.74	
20	256QAM	1	0	18.94	18.86	18.86	20.25
20	256QAM	1	49	19.01	18.89	18.88	
20	256QAM	1	99	19.11	18.96	19.05	
20	256QAM	50	0	18.90	18.80	18.79	20.25
20	256QAM	50	24	18.95	18.82	18.83	
20	256QAM	50	50	18.98	18.83	18.88	
20	256QAM	100	0	18.92	18.78	18.82	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.91	23.81	23.69	25.25
15	QPSK	1	37	23.90	23.64	23.59	
15	QPSK	1	74	23.90	23.72	23.63	
15	QPSK	36	0	23.03	22.79	22.70	24.25
15	QPSK	36	20	23.01	22.78	22.72	
15	QPSK	36	39	22.99	22.77	22.72	
15	QPSK	75	0	23.01	22.79	22.72	
15	16QAM	1	0	23.16	23.02	22.92	24.25
15	16QAM	1	37	23.26	23.09	22.95	
15	16QAM	1	74	23.22	23.07	22.98	
15	16QAM	36	0	21.98	21.78	21.68	23.25
15	16QAM	36	20	22.01	21.80	21.70	
15	16QAM	36	39	22.02	21.78	21.74	
15	16QAM	75	0	22.00	21.79	21.73	
15	64QAM	1	0	22.07	22.00	21.82	23.25
15	64QAM	1	37	22.03	22.01	21.87	
15	64QAM	1	74	22.17	22.06	22.00	
15	64QAM	36	0	21.00	20.92	20.71	22.25
15	64QAM	36	20	21.02	20.82	20.75	
15	64QAM	36	39	21.05	20.85	20.77	
15	64QAM	75	0	21.02	20.84	20.78	
15	256QAM	1	0	18.87	18.78	18.77	20.25
15	256QAM	1	37	19.01	18.83	18.87	
15	256QAM	1	74	19.01	18.91	19.00	
15	256QAM	36	0	18.88	18.71	18.75	20.25
15	256QAM	36	20	18.93	18.80	18.75	
15	256QAM	36	39	18.97	18.81	18.78	
15	256QAM	75	0	18.91	18.76	18.74	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.91	23.83	23.71	25.25
10	QPSK	1	25	23.89	23.73	23.61	
10	QPSK	1	49	23.90	23.76	23.65	
10	QPSK	25	0	23.06	22.85	22.73	24.25
10	QPSK	25	12	23.03	22.84	22.75	
10	QPSK	25	25	23.04	22.85	22.74	
10	QPSK	50	0	23.07	22.84	22.74	
10	16QAM	1	0	23.24	23.11	22.97	24.25
10	16QAM	1	25	23.20	23.04	22.91	
10	16QAM	1	49	23.32	23.11	22.99	
10	16QAM	25	0	22.03	21.88	21.73	23.25
10	16QAM	25	12	22.02	21.88	21.75	
10	16QAM	25	25	22.06	21.86	21.77	
10	16QAM	50	0	22.06	21.89	21.76	
10	64QAM	1	0	22.14	21.99	21.83	23.25
10	64QAM	1	25	22.11	21.90	21.88	
10	64QAM	1	49	22.19	21.91	21.97	
10	64QAM	25	0	21.05	20.91	20.78	22.25
10	64QAM	25	12	21.04	20.89	20.78	
10	64QAM	25	25	21.07	20.89	20.83	
10	64QAM	50	0	21.11	20.93	20.83	
10	256QAM	1	0	18.87	18.79	18.84	20.25
10	256QAM	1	25	18.98	18.79	18.81	
10	256QAM	1	49	19.01	18.92	19.05	
10	256QAM	25	0	18.82	18.70	18.73	20.25
10	256QAM	25	12	18.86	18.76	18.82	
10	256QAM	25	25	18.94	18.80	18.87	
10	256QAM	50	0	18.86	18.68	18.72	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.91	23.79	23.68	25.25
5	QPSK	1	12	23.90	23.77	23.69	
5	QPSK	1	24	23.89	23.76	23.62	
5	QPSK	12	0	23.07	22.83	22.68	24.25
5	QPSK	12	7	23.08	22.83	22.70	
5	QPSK	12	13	23.06	22.81	22.70	
5	QPSK	25	0	23.08	22.83	22.69	
5	16QAM	1	0	23.25	23.05	22.88	24.25
5	16QAM	1	12	23.27	23.10	22.89	
5	16QAM	1	24	23.25	23.05	22.90	
5	16QAM	12	0	22.05	21.87	21.74	23.25
5	16QAM	12	7	22.08	21.87	21.76	
5	16QAM	12	13	22.09	21.88	21.78	
5	16QAM	25	0	22.08	21.86	21.72	
5	64QAM	1	0	22.19	21.96	21.78	23.25
5	64QAM	1	12	22.12	22.02	21.82	
5	64QAM	1	24	22.22	21.99	21.93	
5	64QAM	12	0	21.07	20.87	20.75	22.25
5	64QAM	12	7	21.09	20.90	20.77	
5	64QAM	12	13	21.08	20.88	20.76	
5	64QAM	25	0	21.11	20.88	20.76	
5	256QAM	1	0	18.89	18.76	18.78	20.25
5	256QAM	1	12	18.93	18.82	18.82	
5	256QAM	1	24	19.05	18.95	18.97	
5	256QAM	12	0	18.89	18.78	18.73	20.25
5	256QAM	12	7	18.93	18.79	18.81	
5	256QAM	12	13	18.89	18.76	18.87	
5	256QAM	25	0	18.91	18.71	18.76	
Channel				131667	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.85	23.74	23.68	25.25
3	QPSK	1	8	23.81	23.69	23.62	
3	QPSK	1	14	23.87	23.70	23.64	
3	QPSK	8	0	22.89	22.73	22.63	24.25
3	QPSK	8	4	22.91	22.73	22.64	
3	QPSK	8	7	22.95	22.77	22.68	
3	QPSK	15	0	22.94	22.75	22.64	
3	16QAM	1	0	23.16	23.01	22.85	24.25
3	16QAM	1	8	23.09	22.95	22.84	
3	16QAM	1	14	23.13	22.95	22.87	
3	16QAM	8	0	21.95	21.76	21.69	23.25
3	16QAM	8	4	21.96	21.77	21.79	
3	16QAM	8	7	22.03	21.80	21.72	
3	16QAM	15	0	21.96	21.79	21.70	
3	64QAM	1	0	22.02	21.88	21.78	23.25
3	64QAM	1	8	21.97	21.85	21.74	
3	64QAM	1	14	22.04	21.90	21.86	
3	64QAM	8	0	20.99	20.79	20.72	22.25
3	64QAM	8	4	20.98	20.79	20.71	
3	64QAM	8	7	21.01	20.85	20.73	
3	64QAM	15	0	20.96	20.79	20.72	
3	256QAM	1	0	18.90	18.85	18.78	20.25
3	256QAM	1	8	18.98	18.79	18.85	
3	256QAM	1	14	19.04	18.87	19.00	
3	256QAM	8	0	18.90	18.73	18.74	20.25
3	256QAM	8	4	18.88	18.76	18.73	
3	256QAM	8	7	18.92	18.77	18.88	
3	256QAM	15	0	18.90	18.70	18.80	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.80	23.69	23.65	25.25
1.4	QPSK	1	3	23.73	23.61	23.57	
1.4	QPSK	1	5	23.80	23.68	23.63	
1.4	QPSK	3	0	23.77	23.67	23.59	
1.4	QPSK	3	1	23.85	23.72	23.63	
1.4	QPSK	3	3	23.77	23.67	23.60	
1.4	QPSK	6	0	22.83	22.68	22.61	24.25
1.4	16QAM	1	0	23.09	22.98	22.88	24.25
1.4	16QAM	1	3	22.99	22.83	22.73	
1.4	16QAM	1	5	23.08	22.95	22.83	
1.4	16QAM	3	0	22.93	22.77	22.65	
1.4	16QAM	3	1	22.89	22.78	22.69	
1.4	16QAM	3	3	22.93	22.78	22.68	
1.4	16QAM	6	0	21.91	21.74	21.69	23.25
1.4	64QAM	1	0	22.02	21.82	21.78	23.25
1.4	64QAM	1	3	21.86	21.81	21.67	
1.4	64QAM	1	5	22.05	21.89	21.78	
1.4	64QAM	3	0	21.93	21.80	21.72	
1.4	64QAM	3	1	21.99	21.89	21.78	
1.4	64QAM	3	3	21.98	21.86	21.73	
1.4	64QAM	6	0	20.92	20.76	20.64	22.25
1.4	256QAM	1	0	18.86	18.76	18.82	20.25
1.4	256QAM	1	3	19.01	18.86	18.88	
1.4	256QAM	1	5	19.11	18.96	18.95	
1.4	256QAM	3	0	18.84	18.75	18.73	
1.4	256QAM	3	1	18.88	18.75	18.81	
1.4	256QAM	3	3	18.98	18.77	18.87	
1.4	256QAM	6	0	18.86	18.73	18.75	20.25

Band 71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.47	24.50	24.44	25.3
20	QPSK	1	49	24.49	24.48	24.41	
20	QPSK	1	99	24.46	24.39	24.39	
20	QPSK	50	0	23.59	23.60	23.44	24.3
20	QPSK	50	24	23.56	23.57	23.47	
20	QPSK	50	50	23.55	23.55	23.47	
20	QPSK	100	0	23.57	23.58	23.45	
20	16QAM	1	0	23.76	23.68	23.74	24.3
20	16QAM	1	49	23.76	23.77	23.79	
20	16QAM	1	99	23.83	23.74	23.71	
20	16QAM	50	0	22.53	22.48	22.50	23.3
20	16QAM	50	24	22.56	22.51	22.50	
20	16QAM	50	50	22.55	22.49	22.50	
20	16QAM	100	0	22.56	22.45	22.47	
20	64QAM	1	0	22.62	22.64	22.70	23.3
20	64QAM	1	49	22.76	22.73	22.83	
20	64QAM	1	99	22.80	22.69	22.72	
20	64QAM	50	0	21.57	21.50	21.55	22.3
20	64QAM	50	24	21.61	21.57	21.59	
20	64QAM	50	50	21.56	21.57	21.57	
20	64QAM	100	0	21.57	21.52	21.53	
20	256QAM	1	0	19.64	19.76	19.83	20.3
20	256QAM	1	49	19.68	19.74	19.76	
20	256QAM	1	99	19.59	19.59	19.59	
20	256QAM	50	0	19.61	19.57	19.69	20.3
20	256QAM	50	24	19.57	19.58	19.63	
20	256QAM	50	50	19.51	19.52	19.58	
20	256QAM	100	0	19.55	19.54	19.67	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.30	24.34	24.30	25.3
15	QPSK	1	37	24.18	24.12	24.24	
15	QPSK	1	74	24.26	24.28	24.30	
15	QPSK	36	0	23.33	23.37	23.35	24.3
15	QPSK	36	20	23.33	23.36	23.37	
15	QPSK	36	39	23.31	23.36	23.37	
15	QPSK	75	0	23.29	23.32	23.35	
15	16QAM	1	0	23.56	23.66	23.70	24.3
15	16QAM	1	37	23.72	23.74	23.68	
15	16QAM	1	74	23.56	23.75	23.60	
15	16QAM	36	0	22.32	22.34	22.36	23.3
15	16QAM	36	20	22.34	22.38	22.38	
15	16QAM	36	39	22.34	22.41	22.36	
15	16QAM	75	0	22.35	22.34	22.35	
15	64QAM	1	0	22.45	22.53	22.49	23.3
15	64QAM	1	37	22.50	22.42	22.48	
15	64QAM	1	74	22.49	22.64	22.47	
15	64QAM	36	0	21.37	21.40	21.41	22.3
15	64QAM	36	20	21.39	21.46	21.41	
15	64QAM	36	39	21.39	21.48	21.43	
15	64QAM	75	0	21.33	21.38	21.39	
15	256QAM	1	0	19.60	19.66	19.83	20.3
15	256QAM	1	37	19.65	19.66	19.70	
15	256QAM	1	74	19.59	19.51	19.50	
15	256QAM	36	0	19.60	19.49	19.59	20.3
15	256QAM	36	20	19.53	19.53	19.58	
15	256QAM	36	39	19.50	19.48	19.48	
15	256QAM	75	0	19.53	19.49	19.59	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	24.27	24.31	24.34	25.3
10	QPSK	1	25	24.11	24.19	24.21	
10	QPSK	1	49	24.21	24.29	24.27	
10	QPSK	25	0	23.29	23.34	23.32	24.3
10	QPSK	25	12	23.27	23.39	23.32	
10	QPSK	25	25	23.26	23.35	23.35	
10	QPSK	50	0	23.29	23.39	23.38	
10	16QAM	1	0	23.53	23.67	23.66	24.3
10	16QAM	1	25	23.54	23.60	23.61	
10	16QAM	1	49	23.63	23.71	23.62	
10	16QAM	25	0	22.29	22.36	22.33	23.3
10	16QAM	25	12	22.35	22.37	22.39	
10	16QAM	25	25	22.34	22.37	22.40	
10	16QAM	50	0	22.36	22.38	22.42	
10	64QAM	1	0	22.50	22.52	22.54	23.3
10	64QAM	1	25	22.49	22.55	22.50	
10	64QAM	1	49	22.55	22.67	22.64	
10	64QAM	25	0	21.32	21.36	21.38	22.3
10	64QAM	25	12	21.32	21.41	21.38	
10	64QAM	25	25	21.37	21.40	21.41	
10	64QAM	50	0	21.42	21.43	21.46	
10	256QAM	1	0	19.56	19.71	19.74	20.3
10	256QAM	1	25	19.65	19.69	19.74	
10	256QAM	1	49	19.55	19.52	19.52	
10	256QAM	25	0	19.55	19.48	19.61	20.3
10	256QAM	25	12	19.48	19.51	19.69	
10	256QAM	25	25	19.46	19.51	19.57	
10	256QAM	50	0	19.45	19.48	19.67	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.27	24.30	24.31	25.3
5	QPSK	1	12	24.31	24.29	24.31	
5	QPSK	1	24	24.29	24.27	24.29	
5	QPSK	12	0	23.30	23.29	23.33	24.3
5	QPSK	12	7	23.32	23.33	23.35	
5	QPSK	12	13	23.32	23.31	23.33	
5	QPSK	25	0	23.32	23.29	23.30	
5	16QAM	1	0	23.59	23.65	23.69	24.3
5	16QAM	1	12	23.69	23.67	23.73	
5	16QAM	1	24	23.64	23.62	23.66	
5	16QAM	12	0	22.35	22.36	22.41	23.3
5	16QAM	12	7	22.37	22.38	22.41	
5	16QAM	12	13	22.35	22.36	22.41	
5	16QAM	25	0	22.33	22.34	22.33	
5	64QAM	1	0	22.47	22.48	22.55	23.3
5	64QAM	1	12	22.48	22.28	22.44	
5	64QAM	1	24	22.57	22.47	22.61	
5	64QAM	12	0	21.39	21.36	21.45	22.3
5	64QAM	12	7	21.41	21.39	21.59	
5	64QAM	12	13	21.41	21.41	21.46	
5	64QAM	25	0	21.35	21.39	21.35	
5	256QAM	1	0	19.64	19.67	19.79	20.3
5	256QAM	1	12	19.59	19.67	19.73	
5	256QAM	1	24	19.57	19.49	19.56	
5	256QAM	12	0	19.58	19.53	19.69	20.3
5	256QAM	12	7	19.57	19.58	19.56	
5	256QAM	12	13	19.45	19.48	19.49	
5	256QAM	25	0	19.53	19.47	19.60	

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.07	19.92	19.81	20.9
20	QPSK	1	49	20.06	19.88	19.80	
20	QPSK	1	99	20.03	19.90	19.88	
20	QPSK	50	0	20.11	19.96	19.91	20.9
20	QPSK	50	24	20.12	19.96	19.92	
20	QPSK	50	50	20.12	19.93	19.92	
20	QPSK	100	0	20.09	19.96	19.92	
20	16QAM	1	0	20.39	20.32	20.03	20.9
20	16QAM	1	49	20.30	20.13	20.10	
20	16QAM	1	99	20.38	20.15	20.24	
20	16QAM	50	0	20.05	19.92	19.89	20.9
20	16QAM	50	24	20.05	19.93	19.91	
20	16QAM	50	50	20.03	19.91	19.92	
20	16QAM	100	0	20.04	19.92	19.90	
20	64QAM	1	0	20.23	20.20	19.96	20.9
20	64QAM	1	49	20.16	20.07	20.03	
20	64QAM	1	99	20.18	20.10	20.10	
20	64QAM	50	0	20.06	19.94	19.91	20.9
20	64QAM	50	24	20.08	19.96	19.93	
20	64QAM	50	50	20.06	19.93	19.94	
20	64QAM	100	0	20.04	19.92	19.91	
20	256QAM	1	0	19.04	18.99	18.85	20.4
20	256QAM	1	49	19.03	18.98	18.91	
20	256QAM	1	99	19.14	19.05	19.07	
20	256QAM	50	0	19.02	18.92	18.93	20.4
20	256QAM	50	24	19.02	19.00	18.89	
20	256QAM	50	50	19.09	19.00	19.03	
20	256QAM	100	0	19.06	18.92	18.89	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.96	19.91	19.78	20.9
15	QPSK	1	37	19.85	19.79	19.77	
15	QPSK	1	74	19.93	19.87	19.85	
15	QPSK	36	0	19.98	19.94	19.88	20.9
15	QPSK	36	20	19.98	19.92	19.88	
15	QPSK	36	39	20.00	19.92	19.90	
15	QPSK	75	0	20.01	19.93	19.93	
15	16QAM	1	0	20.16	20.18	20.01	20.9
15	16QAM	1	37	20.17	20.21	20.11	
15	16QAM	1	74	20.24	20.13	20.11	
15	16QAM	36	0	19.97	19.92	19.83	20.9
15	16QAM	36	20	19.97	19.91	19.86	
15	16QAM	36	39	19.98	19.90	19.89	
15	16QAM	75	0	19.98	19.90	19.88	
15	64QAM	1	0	20.12	20.16	19.92	20.9
15	64QAM	1	37	20.13	20.07	19.94	
15	64QAM	1	74	20.10	20.14	20.08	
15	64QAM	36	0	19.98	19.92	19.82	20.9
15	64QAM	36	20	19.96	19.89	19.86	
15	64QAM	36	39	19.97	19.93	19.90	
15	64QAM	75	0	19.98	19.89	19.87	
15	256QAM	1	0	19.06	18.95	18.83	20.4
15	256QAM	1	37	19.05	19.00	18.96	
15	256QAM	1	74	19.14	19.06	19.13	
15	256QAM	36	0	19.04	18.98	18.91	20.4
15	256QAM	36	20	19.05	18.97	18.89	
15	256QAM	36	39	19.14	18.96	19.01	
15	256QAM	75	0	19.14	18.93	18.89	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.01	19.87	19.84	20.9
10	QPSK	1	25	20.02	19.83	19.83	
10	QPSK	1	49	19.99	19.85	19.86	
10	QPSK	25	0	20.03	19.92	19.88	20.9
10	QPSK	25	12	20.02	19.88	19.87	
10	QPSK	25	25	20.05	19.90	19.89	
10	QPSK	50	0	20.03	19.94	19.91	
10	16QAM	1	0	20.29	20.19	20.12	20.9
10	16QAM	1	25	20.17	20.13	20.08	
10	16QAM	1	49	20.26	20.13	20.15	
10	16QAM	25	0	20.03	19.95	19.89	20.9
10	16QAM	25	12	20.01	19.94	19.88	
10	16QAM	25	25	20.02	19.93	19.90	
10	16QAM	50	0	20.00	19.95	19.89	
10	64QAM	1	0	20.19	20.07	20.05	20.9
10	64QAM	1	25	20.13	19.92	20.00	
10	64QAM	1	49	20.19	19.99	20.03	
10	64QAM	25	0	20.00	19.94	19.87	20.9
10	64QAM	25	12	20.01	19.96	19.86	
10	64QAM	25	25	20.01	19.91	19.90	
10	64QAM	50	0	20.03	19.95	19.89	
10	256QAM	1	0	19.03	19.02	18.82	20.4
10	256QAM	1	25	19.08	19.03	18.93	
10	256QAM	1	49	19.21	19.06	19.11	
10	256QAM	25	0	19.04	18.92	19.00	20.4
10	256QAM	25	12	19.09	18.96	18.92	
10	256QAM	25	25	19.17	18.93	19.04	
10	256QAM	50	0	19.08	18.93	18.94	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.01	19.86	19.85	20.9
5	QPSK	1	12	20.04	19.86	19.89	
5	QPSK	1	24	20.02	19.87	19.88	
5	QPSK	12	0	20.06	19.94	19.89	20.9
5	QPSK	12	7	20.08	19.94	19.90	
5	QPSK	12	13	20.03	19.92	19.90	
5	QPSK	25	0	20.03	19.94	19.87	
5	16QAM	1	0	20.27	20.18	20.12	20.9
5	16QAM	1	12	20.27	20.22	20.16	
5	16QAM	1	24	20.21	20.17	20.11	
5	16QAM	12	0	20.05	19.96	19.87	20.9
5	16QAM	12	7	20.08	19.96	19.89	
5	16QAM	12	13	20.05	19.96	19.88	
5	16QAM	25	0	20.05	19.94	19.86	
5	64QAM	1	0	20.19	20.07	19.97	20.9
5	64QAM	1	12	20.18	20.05	19.99	
5	64QAM	1	24	20.20	20.06	19.96	
5	64QAM	12	0	20.04	19.91	19.84	20.9
5	64QAM	12	7	20.03	19.94	19.87	
5	64QAM	12	13	20.01	19.92	19.87	
5	64QAM	25	0	20.03	19.92	19.85	
5	256QAM	1	0	19.03	19.04	18.91	20.4
5	256QAM	1	12	19.06	18.97	18.91	
5	256QAM	1	24	19.22	19.05	19.16	
5	256QAM	12	0	19.05	18.90	18.96	20.4
5	256QAM	12	7	19.09	18.94	18.97	
5	256QAM	12	13	19.13	18.98	19.09	
5	256QAM	25	0	19.05	18.92	18.88	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.05	19.88	19.82	20.9
3	QPSK	1	8	19.98	19.80	19.79	
3	QPSK	1	14	20.04	19.86	19.82	
3	QPSK	8	0	20.03	19.88	19.84	20.9
3	QPSK	8	4	20.04	19.88	19.85	
3	QPSK	8	7	20.08	19.91	19.88	
3	QPSK	15	0	20.06	19.90	19.88	
3	16QAM	1	0	20.26	20.10	20.10	20.9
3	16QAM	1	8	20.21	20.05	20.01	
3	16QAM	1	14	20.23	20.07	20.07	
3	16QAM	8	0	20.07	19.91	19.87	20.9
3	16QAM	8	4	20.06	19.95	19.91	
3	16QAM	8	7	20.08	19.98	19.91	
3	16QAM	15	0	20.02	19.94	19.88	
3	64QAM	1	0	20.16	20.06	19.98	20.9
3	64QAM	1	8	20.12	20.00	19.96	
3	64QAM	1	14	20.15	20.03	20.00	
3	64QAM	8	0	20.02	19.95	19.90	20.9
3	64QAM	8	4	20.01	19.95	19.88	
3	64QAM	8	7	20.02	19.95	19.89	
3	64QAM	15	0	19.99	19.91	19.85	
3	256QAM	1	0	19.07	18.98	18.85	20.4
3	256QAM	1	8	19.06	18.99	18.93	
3	256QAM	1	14	19.18	19.11	19.07	
3	256QAM	8	0	19.05	18.93	18.90	20.4
3	256QAM	8	4	19.11	19.00	18.92	
3	256QAM	8	7	19.09	19.01	19.10	
3	256QAM	15	0	19.11	18.90	18.88	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.03	19.87	19.84	20.9
1.4	QPSK	1	3	19.99	19.77	19.77	
1.4	QPSK	1	5	20.07	19.85	19.85	
1.4	QPSK	3	0	20.02	19.86	19.85	
1.4	QPSK	3	1	20.11	19.93	19.88	
1.4	QPSK	3	3	20.01	19.90	19.84	
1.4	QPSK	6	0	20.04	19.90	19.80	20.9
1.4	16QAM	1	0	20.30	20.20	20.10	20.9
1.4	16QAM	1	3	20.24	20.14	20.07	
1.4	16QAM	1	5	20.27	20.13	20.09	
1.4	16QAM	3	0	20.08	19.96	19.90	
1.4	16QAM	3	1	20.06	19.95	19.91	
1.4	16QAM	3	3	20.09	19.93	19.89	
1.4	16QAM	6	0	20.07	19.93	19.85	20.9
1.4	64QAM	1	0	20.21	20.04	20.03	20.9
1.4	64QAM	1	3	20.07	19.96	19.88	
1.4	64QAM	1	5	20.17	20.08	19.97	
1.4	64QAM	3	0	20.11	19.93	19.87	
1.4	64QAM	3	1	20.16	19.95	19.93	
1.4	64QAM	3	3	20.11	19.98	19.90	
1.4	64QAM	6	0	20.01	19.89	19.84	20.9
1.4	256QAM	1	0	19.05	19.02	18.89	20.4
1.4	256QAM	1	3	19.11	18.99	18.95	
1.4	256QAM	1	5	19.14	19.08	19.11	
1.4	256QAM	3	0	19.08	18.90	18.94	20.4
1.4	256QAM	3	1	19.04	18.91	18.97	
1.4	256QAM	3	3	19.10	19.01	19.03	
1.4	256QAM	6	0	19.06	18.99	18.88	20.4

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.53	21.30	21.33	21.9
20	QPSK	1	49	21.45	21.29	21.27	
20	QPSK	1	99	21.46	21.30	21.27	
20	QPSK	50	0	21.49	21.39	21.39	21.9
20	QPSK	50	24	21.51	21.42	21.38	
20	QPSK	50	50	21.48	21.40	21.33	
20	QPSK	100	0	21.45	21.41	21.35	
20	16QAM	1	0	21.67	21.73	21.61	21.9
20	16QAM	1	49	21.74	21.57	21.49	
20	16QAM	1	99	21.68	21.59	21.59	
20	16QAM	50	0	21.47	21.39	21.37	21.9
20	16QAM	50	24	21.48	21.40	21.36	
20	16QAM	50	50	21.49	21.38	21.33	
20	16QAM	100	0	21.45	21.37	21.33	
20	64QAM	1	0	21.55	21.63	21.49	21.9
20	64QAM	1	49	21.55	21.47	21.44	
20	64QAM	1	99	21.64	21.49	21.52	
20	64QAM	50	0	21.46	21.40	21.36	21.9
20	64QAM	50	24	21.49	21.40	21.38	
20	64QAM	50	50	21.46	21.40	21.35	
20	64QAM	100	0	21.43	21.38	21.34	
20	256QAM	1	0	19.02	18.94	18.90	19.9
20	256QAM	1	49	19.08	19.02	18.97	
20	256QAM	1	99	19.24	18.89	19.07	
20	256QAM	50	0	18.92	18.95	18.81	19.9
20	256QAM	50	24	19.13	18.91	18.85	
20	256QAM	50	50	19.14	18.87	18.84	
20	256QAM	100	0	19.00	18.89	18.84	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.33	21.30	21.34	21.9
15	QPSK	1	37	21.25	21.25	21.26	
15	QPSK	1	74	21.35	21.30	21.28	
15	QPSK	36	0	21.38	21.39	21.36	21.9
15	QPSK	36	20	21.39	21.38	21.34	
15	QPSK	36	39	21.40	21.38	21.32	
15	QPSK	75	0	21.37	21.39	21.33	
15	16QAM	1	0	21.59	21.73	21.55	21.9
15	16QAM	1	37	21.73	21.68	21.68	
15	16QAM	1	74	21.68	21.57	21.61	
15	16QAM	36	0	21.36	21.36	21.35	21.9
15	16QAM	36	20	21.42	21.35	21.34	
15	16QAM	36	39	21.40	21.34	21.33	
15	16QAM	75	0	21.38	21.35	21.31	
15	64QAM	1	0	21.44	21.59	21.49	21.9
15	64QAM	1	37	21.54	21.56	21.60	
15	64QAM	1	74	21.55	21.45	21.52	
15	64QAM	36	0	21.36	21.37	21.33	21.9
15	64QAM	36	20	21.36	21.35	21.35	
15	64QAM	36	39	21.40	21.34	21.33	
15	64QAM	75	0	21.35	21.37	21.31	
15	256QAM	1	0	18.99	18.98	18.93	19.9
15	256QAM	1	37	19.14	19.04	18.91	
15	256QAM	1	74	19.18	18.97	19.12	
15	256QAM	36	0	18.98	19.00	18.88	19.9
15	256QAM	36	20	19.12	18.92	18.89	
15	256QAM	36	39	19.10	18.89	18.93	
15	256QAM	75	0	19.02	18.89	18.84	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.33	21.27	21.33	21.9
10	QPSK	1	25	21.30	21.26	21.27	
10	QPSK	1	49	21.33	21.31	21.28	
10	QPSK	25	0	21.33	21.33	21.33	21.9
10	QPSK	25	12	21.35	21.34	21.31	
10	QPSK	25	25	21.35	21.36	21.30	
10	QPSK	50	0	21.34	21.37	21.32	
10	16QAM	1	0	21.58	21.63	21.60	21.9
10	16QAM	1	25	21.58	21.58	21.62	
10	16QAM	1	49	21.64	21.63	21.66	
10	16QAM	25	0	21.33	21.36	21.32	21.9
10	16QAM	25	12	21.35	21.36	21.32	
10	16QAM	25	25	21.36	21.35	21.31	
10	16QAM	50	0	21.35	21.36	21.32	
10	64QAM	1	0	21.46	21.52	21.40	21.9
10	64QAM	1	25	21.47	21.47	21.40	
10	64QAM	1	49	21.55	21.43	21.42	
10	64QAM	25	0	21.34	21.34	21.33	21.9
10	64QAM	25	12	21.36	21.35	21.32	
10	64QAM	25	25	21.37	21.35	21.31	
10	64QAM	50	0	21.36	21.38	21.32	
10	256QAM	1	0	19.02	18.91	18.86	19.9
10	256QAM	1	25	19.11	19.06	18.92	
10	256QAM	1	49	19.15	18.88	19.12	
10	256QAM	25	0	18.99	19.00	18.81	19.9
10	256QAM	25	12	19.07	18.95	18.88	
10	256QAM	25	25	19.10	18.92	18.87	
10	256QAM	50	0	19.07	18.99	18.90	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.33	21.28	21.31	21.9
5	QPSK	1	12	21.41	21.35	21.40	
5	QPSK	1	24	21.38	21.29	21.30	
5	QPSK	12	0	21.39	21.35	21.35	21.9
5	QPSK	12	7	21.42	21.34	21.35	
5	QPSK	12	13	21.40	21.34	21.34	
5	QPSK	25	0	21.35	21.34	21.32	
5	16QAM	1	0	21.56	21.60	21.62	21.9
5	16QAM	1	12	21.55	21.61	21.62	
5	16QAM	1	24	21.64	21.57	21.61	
5	16QAM	12	0	21.43	21.37	21.37	21.9
5	16QAM	12	7	21.44	21.37	21.38	
5	16QAM	12	13	21.44	21.36	21.37	
5	16QAM	25	0	21.37	21.34	21.31	
5	64QAM	1	0	21.45	21.44	21.45	21.9
5	64QAM	1	12	21.48	21.39	21.45	
5	64QAM	1	24	21.50	21.40	21.43	
5	64QAM	12	0	21.38	21.34	21.36	21.9
5	64QAM	12	7	21.38	21.39	21.38	
5	64QAM	12	13	21.40	21.36	21.36	
5	64QAM	25	0	21.37	21.36	21.33	
5	256QAM	1	0	19.00	18.94	18.84	19.9
5	256QAM	1	12	19.12	19.00	18.89	
5	256QAM	1	24	19.23	18.90	19.08	
5	256QAM	12	0	18.98	18.91	18.89	19.9
5	256QAM	12	7	19.10	18.98	18.90	
5	256QAM	12	13	19.08	18.94	18.86	
5	256QAM	25	0	19.04	18.89	18.83	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.38	21.28	21.32	21.9
3	QPSK	1	8	21.34	21.23	21.26	
3	QPSK	1	14	21.39	21.31	21.31	
3	QPSK	8	0	21.42	21.33	21.34	21.9
3	QPSK	8	4	21.40	21.30	21.33	
3	QPSK	8	7	21.42	21.35	21.35	
3	QPSK	15	0	21.42	21.37	21.35	
3	16QAM	1	0	21.60	21.57	21.52	21.9
3	16QAM	1	8	21.59	21.49	21.53	
3	16QAM	1	14	21.63	21.52	21.55	
3	16QAM	8	0	21.43	21.36	21.36	21.9
3	16QAM	8	4	21.43	21.34	21.37	
3	16QAM	8	7	21.47	21.40	21.39	
3	16QAM	15	0	21.41	21.36	21.35	
3	64QAM	1	0	21.50	21.46	21.46	21.9
3	64QAM	1	8	21.44	21.39	21.42	
3	64QAM	1	14	21.52	21.42	21.47	
3	64QAM	8	0	21.41	21.35	21.36	21.9
3	64QAM	8	4	21.44	21.33	21.34	
3	64QAM	8	7	21.42	21.34	21.37	
3	64QAM	15	0	21.40	21.34	21.35	
3	256QAM	1	0	19.00	18.96	18.93	19.9
3	256QAM	1	8	19.14	18.99	18.90	
3	256QAM	1	14	19.17	18.98	19.08	
3	256QAM	8	0	18.97	18.95	18.89	19.9
3	256QAM	8	4	19.04	18.90	18.81	
3	256QAM	8	7	19.12	18.90	18.85	
3	256QAM	15	0	19.07	18.94	18.88	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.39	21.29	21.31	21.9
1.4	QPSK	1	3	21.32	21.21	21.23	
1.4	QPSK	1	5	21.39	21.29	21.28	
1.4	QPSK	3	0	21.39	21.28	21.30	
1.4	QPSK	3	1	21.40	21.30	21.34	
1.4	QPSK	3	3	21.36	21.28	21.29	
1.4	QPSK	6	0	21.37	21.31	21.29	21.9
1.4	16QAM	1	0	21.64	21.54	21.62	21.9
1.4	16QAM	1	3	21.59	21.43	21.53	
1.4	16QAM	1	5	21.62	21.50	21.59	
1.4	16QAM	3	0	21.43	21.35	21.36	
1.4	16QAM	3	1	21.45	21.33	21.40	
1.4	16QAM	3	3	21.42	21.31	21.33	
1.4	16QAM	6	0	21.44	21.36	21.35	21.9
1.4	64QAM	1	0	21.54	21.46	21.50	21.9
1.4	64QAM	1	3	21.49	21.40	21.41	
1.4	64QAM	1	5	21.52	21.48	21.50	
1.4	64QAM	3	0	21.44	21.35	21.37	
1.4	64QAM	3	1	21.44	21.40	21.43	
1.4	64QAM	3	3	21.44	21.36	21.40	
1.4	64QAM	6	0	21.39	21.29	21.25	21.9
1.4	256QAM	1	0	18.98	18.94	18.86	19.9
1.4	256QAM	1	3	19.11	18.99	18.96	
1.4	256QAM	1	5	19.19	18.97	19.11	
1.4	256QAM	3	0	18.96	18.98	18.84	
1.4	256QAM	3	1	19.07	18.97	18.87	
1.4	256QAM	3	3	19.10	18.84	18.91	
1.4	256QAM	6	0	19.04	18.95	18.83	19.9

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.01	19.99	20.02	20.2
20	QPSK	1	49	20.00	19.95	20.01	
20	QPSK	1	99	20.00	19.95	20.00	
20	QPSK	50	0	20.05	20.02	20.09	20.2
20	QPSK	50	24	20.10	20.03	20.17	
20	QPSK	50	50	20.09	20.02	20.13	
20	QPSK	100	0	20.07	20.02	20.18	
20	16QAM	1	0	20.12	20.15	20.19	20.2
20	16QAM	1	49	20.18	20.17	20.13	
20	16QAM	1	99	20.18	20.17	20.13	
20	16QAM	50	0	20.06	20.01	20.10	20.2
20	16QAM	50	24	20.09	20.04	20.14	
20	16QAM	50	50	20.09	20.03	20.13	
20	16QAM	100	0	20.04	19.97	20.09	
20	64QAM	1	0	20.09	20.09	20.12	20.2
20	64QAM	1	49	20.16	20.12	20.12	
20	64QAM	1	99	20.15	20.13	20.17	
20	64QAM	50	0	20.10	20.04	20.12	20.2
20	64QAM	50	24	20.11	20.09	20.15	
20	64QAM	50	50	20.09	20.08	20.15	
20	64QAM	100	0	20.05	20.02	20.10	
20	256QAM	1	0	19.26	19.21	19.16	20.2
20	256QAM	1	49	19.19	19.03	19.04	
20	256QAM	1	99	19.06	19.03	19.11	
20	256QAM	50	0	19.18	18.96	19.02	20.2
20	256QAM	50	24	19.26	18.96	19.09	
20	256QAM	50	50	19.06	18.87	18.98	
20	256QAM	100	0	19.15	18.97	19.05	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.94	19.91	20.01	20.2
15	QPSK	1	37	19.98	19.83	20.01	
15	QPSK	1	74	19.98	20.00	20.07	
15	QPSK	36	0	20.01	20.01	20.08	20.2
15	QPSK	36	20	20.03	20.02	20.08	
15	QPSK	36	39	20.04	20.03	20.11	
15	QPSK	75	0	20.01	20.01	20.11	
15	16QAM	1	0	20.11	20.11	20.10	20.2
15	16QAM	1	37	20.15	20.11	20.10	
15	16QAM	1	74	20.17	20.14	20.10	
15	16QAM	36	0	20.01	20.00	20.05	20.2
15	16QAM	36	20	20.03	20.02	20.04	
15	16QAM	36	39	20.03	20.05	20.10	
15	16QAM	75	0	20.01	20.01	20.07	
15	64QAM	1	0	20.15	20.07	20.11	20.2
15	64QAM	1	37	20.11	20.13	20.15	
15	64QAM	1	74	20.15	20.17	20.10	
15	64QAM	36	0	19.99	19.99	20.06	20.2
15	64QAM	36	20	20.02	20.01	20.05	
15	64QAM	36	39	20.03	20.05	20.09	
15	64QAM	75	0	20.01	19.98	20.07	
15	256QAM	1	0	19.23	19.19	19.24	20.2
15	256QAM	1	37	19.18	19.00	19.07	
15	256QAM	1	74	19.06	18.99	19.11	
15	256QAM	36	0	19.17	19.03	19.09	20.2
15	256QAM	36	20	19.21	18.97	19.08	
15	256QAM	36	39	19.04	18.85	19.02	
15	256QAM	75	0	19.16	19.07	19.02	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.89	19.82	20.00	20.2
10	QPSK	1	25	19.97	19.80	19.93	
10	QPSK	1	49	19.91	19.98	20.03	
10	QPSK	25	0	20.00	19.93	19.98	20.2
10	QPSK	25	12	19.95	19.92	19.99	
10	QPSK	25	25	19.94	19.99	20.06	
10	QPSK	50	0	19.96	19.98	20.11	
10	16QAM	1	0	20.11	20.14	20.14	20.2
10	16QAM	1	25	20.13	20.10	20.15	
10	16QAM	1	49	20.15	20.11	20.12	
10	16QAM	25	0	19.92	19.93	20.05	20.2
10	16QAM	25	12	19.96	19.98	20.01	
10	16QAM	25	25	19.96	20.01	20.07	
10	16QAM	50	0	19.99	19.97	20.04	
10	64QAM	1	0	20.09	20.07	20.15	20.2
10	64QAM	1	25	20.03	20.19	20.06	
10	64QAM	1	49	20.16	20.10	20.15	
10	64QAM	25	0	19.99	19.98	19.97	20.2
10	64QAM	25	12	19.96	19.96	19.99	
10	64QAM	25	25	20.00	19.98	20.03	
10	64QAM	50	0	20.01	19.91	19.99	
10	256QAM	1	0	19.22	19.10	19.21	20.2
10	256QAM	1	25	19.09	18.90	19.04	
10	256QAM	1	49	19.05	18.99	19.08	
10	256QAM	25	0	19.09	18.98	19.06	20.2
10	256QAM	25	12	19.13	18.95	18.99	
10	256QAM	25	25	19.00	18.85	18.94	
10	256QAM	50	0	19.10	18.99	19.00	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.89	19.82	20.00	20.2
5	QPSK	1	12	19.97	19.80	19.93	
5	QPSK	1	24	19.91	19.98	20.03	
5	QPSK	12	0	20.00	19.93	19.98	20.2
5	QPSK	12	7	19.95	19.92	19.99	
5	QPSK	12	13	19.94	19.99	20.06	
5	QPSK	25	0	19.96	19.98	20.11	
5	16QAM	1	0	20.11	20.14	20.13	20.2
5	16QAM	1	12	20.13	20.09	20.13	
5	16QAM	1	24	20.10	20.03	20.10	
5	16QAM	12	0	19.92	19.93	20.05	20.2
5	16QAM	12	7	19.96	19.98	20.01	
5	16QAM	12	13	19.96	20.01	20.07	
5	16QAM	25	0	19.99	19.97	20.04	
5	64QAM	1	0	20.09	20.07	20.15	20.2
5	64QAM	1	12	20.03	20.19	20.06	
5	64QAM	1	24	20.16	20.11	20.12	
5	64QAM	12	0	19.99	19.98	19.97	20.2
5	64QAM	12	7	19.96	19.96	19.99	
5	64QAM	12	13	20.00	19.98	20.03	
5	64QAM	25	0	20.01	19.91	19.99	
5	256QAM	1	0	19.22	19.10	19.21	20.2
5	256QAM	1	12	19.09	18.90	19.04	
5	256QAM	1	24	19.05	18.99	19.08	
5	256QAM	12	0	19.09	18.98	19.06	20.2
5	256QAM	12	7	19.13	18.95	18.99	
5	256QAM	12	13	19.00	18.85	18.94	
5	256QAM	25	0	19.10	18.99	19.00	

Band 25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	20.30	20.29	20.18	20.9
20	QPSK	1	49	20.19	20.26	20.08	
20	QPSK	1	99	20.27	20.22	20.08	
20	QPSK	50	0	20.40	20.31	20.09	20.9
20	QPSK	50	24	20.41	20.34	20.22	
20	QPSK	50	50	20.37	20.30	20.12	
20	QPSK	100	0	20.39	20.33	20.11	
20	16QAM	1	0	20.66	20.58	20.37	20.9
20	16QAM	1	49	20.59	20.51	20.35	
20	16QAM	1	99	20.60	20.52	20.34	
20	16QAM	50	0	20.37	20.29	20.03	20.9
20	16QAM	50	24	20.39	20.28	20.06	
20	16QAM	50	50	20.36	20.25	20.06	
20	16QAM	100	0	20.37	20.25	20.06	
20	64QAM	1	0	20.51	20.43	20.18	20.9
20	64QAM	1	49	20.49	20.41	20.22	
20	64QAM	1	99	20.48	20.40	20.23	
20	64QAM	50	0	20.37	20.29	20.05	20.9
20	64QAM	50	24	20.43	20.29	20.09	
20	64QAM	50	50	20.45	20.26	20.09	
20	64QAM	100	0	20.44	20.27	20.06	
20	256QAM	1	0	19.02	18.91	18.90	20.4
20	256QAM	1	49	19.02	19.03	18.93	
20	256QAM	1	99	19.07	19.03	19.11	
20	256QAM	50	0	18.97	18.80	18.95	20.4
20	256QAM	50	24	19.06	18.97	18.85	
20	256QAM	50	50	19.13	18.81	18.94	
20	256QAM	100	0	19.05	18.88	18.93	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	20.22	20.14	19.94	20.9
15	QPSK	1	37	20.14	20.02	19.89	
15	QPSK	1	74	20.24	20.12	19.93	
15	QPSK	36	0	20.29	20.20	19.96	20.9
15	QPSK	36	20	20.23	20.18	19.97	
15	QPSK	36	39	20.21	20.19	19.99	
15	QPSK	75	0	20.27	20.20	19.98	
15	16QAM	1	0	20.39	20.38	20.25	20.9
15	16QAM	1	37	20.44	20.36	20.34	
15	16QAM	1	74	20.37	20.32	20.10	
15	16QAM	36	0	20.22	20.18	19.89	20.9
15	16QAM	36	20	20.20	20.18	19.91	
15	16QAM	36	39	20.22	20.15	19.92	
15	16QAM	75	0	20.21	20.17	19.89	
15	64QAM	1	0	20.34	20.32	20.01	20.9
15	64QAM	1	37	20.23	20.27	20.10	
15	64QAM	1	74	20.28	20.35	20.03	
15	64QAM	36	0	20.15	20.18	19.93	20.9
15	64QAM	36	20	20.16	20.16	19.91	
15	64QAM	36	39	20.21	20.17	19.92	
15	64QAM	75	0	20.20	20.18	19.89	
15	256QAM	1	0	19.00	18.90	18.87	20.4
15	256QAM	1	37	19.05	19.04	18.95	
15	256QAM	1	74	19.14	19.12	19.12	
15	256QAM	36	0	18.99	18.81	18.92	20.4
15	256QAM	36	20	18.98	18.93	18.86	
15	256QAM	36	39	19.05	18.90	18.93	
15	256QAM	75	0	18.99	18.91	18.85	
Channel				26090	26340	26840	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	20.05	20.02	19.94	20.9
10	QPSK	1	25	20.07	19.96	19.92	
10	QPSK	1	49	20.09	19.99	19.94	
10	QPSK	25	0	20.13	20.08	20.00	20.9
10	QPSK	25	12	20.12	20.10	20.02	
10	QPSK	25	25	20.14	20.11	20.01	
10	QPSK	50	0	20.15	20.17	20.01	
10	16QAM	1	0	20.40	20.40	20.23	20.9
10	16QAM	1	25	20.36	20.41	20.14	
10	16QAM	1	49	20.34	20.34	20.20	
10	16QAM	25	0	20.11	20.12	19.94	20.9
10	16QAM	25	12	20.13	20.13	19.93	
10	16QAM	25	25	20.12	20.12	19.96	
10	16QAM	50	0	20.14	20.14	19.93	
10	64QAM	1	0	20.32	20.32	20.07	20.9
10	64QAM	1	25	20.17	20.25	20.03	
10	64QAM	1	49	20.38	20.24	20.01	
10	64QAM	25	0	20.12	20.13	19.93	20.9
10	64QAM	25	12	20.10	20.12	19.93	
10	64QAM	25	25	20.12	20.12	19.93	
10	64QAM	50	0	20.16	20.15	19.94	
10	256QAM	1	0	18.98	18.89	18.92	20.4
10	256QAM	1	25	19.00	18.96	18.96	
10	256QAM	1	49	19.13	19.09	19.07	
10	256QAM	25	0	19.02	18.81	18.88	20.4
10	256QAM	25	12	19.06	18.96	18.88	
10	256QAM	25	25	19.10	18.85	18.97	
10	256QAM	50	0	19.00	18.87	18.92	
Channel				26065	26340	26865	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	20.10	20.09	19.96	20.9
5	QPSK	1	12	20.15	20.15	20.01	
5	QPSK	1	24	20.14	20.08	19.90	
5	QPSK	12	0	20.15	20.13	19.95	20.9
5	QPSK	12	7	20.18	20.12	19.95	
5	QPSK	12	13	20.15	20.12	19.94	
5	QPSK	25	0	20.16	20.14	19.95	
5	16QAM	1	0	20.40	20.35	20.17	20.9
5	16QAM	1	12	20.42	20.43	20.22	
5	16QAM	1	24	20.34	20.33	20.11	
5	16QAM	12	0	20.20	20.14	19.96	20.9
5	16QAM	12	7	20.17	20.15	19.98	
5	16QAM	12	13	20.17	20.15	19.96	
5	16QAM	25	0	20.15	20.15	19.94	
5	64QAM	1	0	20.29	20.18	20.01	20.9
5	64QAM	1	12	20.32	20.07	19.87	
5	64QAM	1	24	20.30	20.17	20.06	
5	64QAM	12	0	20.16	20.12	19.93	20.9
5	64QAM	12	7	20.15	20.12	19.93	
5	64QAM	12	13	20.17	20.11	19.93	
5	64QAM	25	0	20.14	20.11	19.94	
5	256QAM	1	0	18.98	18.90	18.83	20.4
5	256QAM	1	12	18.96	18.97	18.91	
5	256QAM	1	24	19.13	19.04	19.06	
5	256QAM	12	0	19.02	18.89	18.94	20.4
5	256QAM	12	7	19.00	18.92	18.81	
5	256QAM	12	13	19.08	18.91	18.95	
5	256QAM	25	0	19.05	18.85	18.92	
Channel				26055	26340	26625	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	20.19	20.07	19.94	20.9
3	QPSK	1	8	20.14	20.00	19.88	
3	QPSK	1	14	20.19	20.05	19.93	
3	QPSK	8	0	20.21	20.14	19.95	20.9
3	QPSK	8	4	20.20	20.16	19.93	
3	QPSK	8	7	20.23	20.16	19.89	
3	QPSK	15	0	20.22	20.16	19.90	
3	16QAM	1	0	20.43	20.39	20.16	20.9
3	16QAM	1	8	20.38	20.35	20.09	
3	16QAM	1	14	20.42	20.33	20.07	
3	16QAM	8	0	20.24	20.18	19.93	20.9
3	16QAM	8	4	20.27	20.18	19.99	
3	16QAM	8	7	20.25	20.20	19.94	
3	16QAM	15	0	20.21	20.16	19.88	
3	64QAM	1	0	20.34	20.25	19.94	20.9
3	64QAM	1	8	20.30	20.16	19.93	
3	64QAM	1	14	20.33	20.22	19.98	
3	64QAM	8	0	20.21	20.17	19.89	20.9
3	64QAM	8	4	20.22	20.15	19.90	
3	64QAM	8	7	20.24	20.20	19.95	
3	64QAM	15	0	20.20	20.13	19.88	
3	256QAM	1	0	19.02	18.95	18.88	20.4
3	256QAM	1	8	18.98	18.95	18.98	
3	256QAM	1	14	19.05	19.03	19.10	
3	256QAM	8	0	19.00	18.84	18.91	20.4
3	256QAM	8	4	19.00	18.97	18.82	
3	256QAM	8	7	19.15	18.85	19.00	
3	256QAM	15	0	19.02	18.92	18.84	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	20.19	20.04	19.91	20.9
1.4	QPSK	1	3	20.13	19.94	19.84	
1.4	QPSK	1	5	20.21	20.11	19.89	
1.4	QPSK	3	0	20.21	20.08	19.91	
1.4	QPSK	3	1	20.25	20.17	19.87	
1.4	QPSK	3	3	20.18	20.10	19.84	
1.4	QPSK	6	0	20.20	20.11	19.84	20.9
1.4	16QAM	1	0	20.49	20.38	20.14	20.9
1.4	16QAM	1	3	20.41	20.30	20.07	
1.4	16QAM	1	5	20.46	20.42	20.10	
1.4	16QAM	3	0	20.29	20.20	19.96	
1.4	16QAM	3	1	20.26	20.22	19.97	
1.4	16QAM	3	3	20.25	20.18	19.90	
1.4	16QAM	6	0	20.24	20.13	19.90	20.9
1.4	64QAM	1	0	20.37	20.29	20.00	20.9
1.4	64QAM	1	3	20.30	20.15	19.91	
1.4	64QAM	1	5	20.39	20.24	19.95	
1.4	64QAM	3	0	20.23	20.12	19.82	
1.4	64QAM	3	1	20.28	20.16	19.83	
1.4	64QAM	3	3	20.29	20.14	19.84	
1.4	64QAM	6	0	20.23	20.10	19.79	20.9
1.4	256QAM	1	0	19.00	18.99	18.88	20.4
1.4	256QAM	1	3	18.95	19.01	18.94	
1.4	256QAM	1	5	19.05	19.06	19.05	
1.4	256QAM	3	0	18.93	18.83	18.97	
1.4	256QAM	3	1	19.05	18.98	18.90	
1.4	256QAM	3	3	19.12	18.88	18.94	
1.4	256QAM	6	0	19.07	18.93	18.88	20.4

Band 30_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.41		22.6
10	QPSK	1	25		21.40		
10	QPSK	1	49		21.40		
10	QPSK	25	0		20.68		21.6
10	QPSK	25	12		20.68		
10	QPSK	25	25		20.69		
10	QPSK	50	0		20.69		
10	16QAM	1	0		21.63		21.6
10	16QAM	1	25		21.55		
10	16QAM	1	49		21.51		
10	16QAM	25	0		20.73		21.6
10	16QAM	25	12		20.75		
10	16QAM	25	25		20.72		
10	16QAM	50	0		20.73		
10	64QAM	1	0		21.50		22.6
10	64QAM	1	25		21.41		
10	64QAM	1	49		21.43		
10	64QAM	25	0		20.73		21.6
10	64QAM	25	12		20.74		
10	64QAM	25	25		20.73		
10	64QAM	50	0		20.76		
10	256QAM	1	0		18.63		19.6
10	256QAM	1	25		18.52		
10	256QAM	1	49		18.47		
10	256QAM	25	0		18.55		19.6
10	256QAM	25	12		18.49		
10	256QAM	25	25		18.41		
10	256QAM	50	0		18.55		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.42	21.43	21.43	22.6
5	QPSK	1	12	21.43	21.45	21.43	
5	QPSK	1	24	21.41	21.43	21.42	
5	QPSK	12	0	20.75	20.72	20.67	21.6
5	QPSK	12	7	20.79	20.74	20.67	
5	QPSK	12	13	20.76	20.72	20.67	
5	QPSK	25	0	20.74	20.69	20.63	
5	16QAM	1	0	21.56	21.55	21.49	21.6
5	16QAM	1	12	21.59	21.59	21.58	
5	16QAM	1	24	21.57	21.53	21.39	
5	16QAM	12	0	20.79	20.78	20.73	21.6
5	16QAM	12	7	20.81	20.77	20.73	
5	16QAM	12	13	20.83	20.79	20.73	
5	16QAM	25	0	20.77	20.73	20.68	
5	64QAM	1	0	21.44	21.46	21.42	22.6
5	64QAM	1	12	21.50	21.47	21.43	
5	64QAM	1	24	21.47	21.39	21.33	
5	64QAM	12	0	20.80	20.79	20.73	21.6
5	64QAM	12	7	20.82	20.78	20.73	
5	64QAM	12	13	20.81	20.79	20.71	
5	64QAM	25	0	20.77	20.73	20.68	
5	256QAM	1	0	18.65	18.60	18.69	19.6
5	256QAM	1	12	18.30	18.44	18.43	
5	256QAM	1	24	18.50	18.31	18.32	
5	256QAM	12	0	18.62	18.46	18.58	19.6
5	256QAM	12	7	18.43	18.33	18.44	
5	256QAM	12	13	18.35	18.26	18.24	
5	256QAM	25	0	18.57	18.47	18.59	

Band 66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.04	21.03	20.97	21.9
20	QPSK	1	49	21.02	20.98	20.91	
20	QPSK	1	99	21.03	20.96	20.98	
20	QPSK	50	0	21.12	21.07	21.02	21.9
20	QPSK	50	24	21.15	21.08	21.04	
20	QPSK	50	50	21.14	21.01	21.01	
20	QPSK	100	0	21.13	21.04	21.01	
20	16QAM	1	0	21.32	21.25	21.28	21.9
20	16QAM	1	49	21.34	21.21	21.16	
20	16QAM	1	99	21.40	21.32	21.28	
20	16QAM	50	0	21.13	21.04	20.97	21.9
20	16QAM	50	24	21.13	21.05	21.01	
20	16QAM	50	50	21.15	21.05	21.00	
20	16QAM	100	0	21.13	21.02	21.00	
20	64QAM	1	0	21.23	21.13	21.14	21.9
20	64QAM	1	49	21.27	21.06	21.02	
20	64QAM	1	99	21.29	21.16	21.07	
20	64QAM	50	0	21.13	21.08	20.99	21.9
20	64QAM	50	24	21.16	21.06	21.01	
20	64QAM	50	50	21.16	21.04	21.00	
20	64QAM	100	0	21.13	21.02	20.96	
20	256QAM	1	0	18.81	18.76	18.67	19.9
20	256QAM	1	49	18.86	18.78	18.71	
20	256QAM	1	99	18.94	18.76	18.93	
20	256QAM	50	0	18.77	18.64	18.59	19.9
20	256QAM	50	24	18.82	18.71	18.66	
20	256QAM	50	50	18.83	18.64	18.68	
20	256QAM	100	0	18.80	18.63	18.63	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.99	20.99	20.92	21.9
15	QPSK	1	37	20.98	20.91	20.83	
15	QPSK	1	74	21.05	20.93	20.92	
15	QPSK	36	0	21.07	21.02	20.97	21.9
15	QPSK	36	20	21.09	21.03	20.97	
15	QPSK	36	39	21.09	21.01	20.97	
15	QPSK	75	0	21.09	21.04	20.99	
15	16QAM	1	0	21.30	21.26	21.17	21.9
15	16QAM	1	37	21.39	21.32	21.19	
15	16QAM	1	74	21.38	21.27	21.25	
15	16QAM	36	0	21.05	21.00	20.93	21.9
15	16QAM	36	20	21.08	21.01	20.94	
15	16QAM	36	39	21.10	21.02	20.96	
15	16QAM	75	0	21.07	20.99	20.95	
15	64QAM	1	0	21.19	21.11	21.03	21.9
15	64QAM	1	37	21.33	21.19	21.09	
15	64QAM	1	74	21.31	21.14	21.08	
15	64QAM	36	0	21.08	21.01	20.94	21.9
15	64QAM	36	20	21.07	21.01	20.93	
15	64QAM	36	39	21.10	21.02	20.97	
15	64QAM	75	0	21.07	21.00	20.95	
15	256QAM	1	0	18.84	18.74	18.70	19.9
15	256QAM	1	37	18.84	18.69	18.69	
15	256QAM	1	74	19.01	18.79	18.93	
15	256QAM	36	0	18.74	18.67	18.60	19.9
15	256QAM	36	20	18.84	18.62	18.72	
15	256QAM	36	39	18.87	18.70	18.69	
15	256QAM	75	0	18.76	18.67	18.70	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.00	20.98	20.89	21.9
10	QPSK	1	25	21.00	20.94	20.87	
10	QPSK	1	49	21.03	20.96	20.93	
10	QPSK	25	0	21.02	21.01	20.95	21.9
10	QPSK	25	12	21.02	20.98	20.93	
10	QPSK	25	25	21.04	20.98	20.94	
10	QPSK	50	0	21.05	21.00	20.96	
10	16QAM	1	0	21.27	21.26	21.17	21.9
10	16QAM	1	25	21.28	21.22	21.19	
10	16QAM	1	49	21.37	21.34	21.27	
10	16QAM	25	0	21.04	21.02	20.93	21.9
10	16QAM	25	12	21.05	21.01	20.94	
10	16QAM	25	25	21.06	21.02	20.94	
10	16QAM	50	0	21.04	21.03	20.93	
10	64QAM	1	0	21.17	21.17	21.07	21.9
10	64QAM	1	25	21.13	21.10	21.06	
10	64QAM	1	49	21.21	21.17	21.11	
10	64QAM	25	0	21.02	21.01	20.93	21.9
10	64QAM	25	12	21.05	21.00	20.96	
10	64QAM	25	25	21.06	21.02	20.94	
10	64QAM	50	0	21.06	21.02	20.94	
10	256QAM	1	0	18.79	18.68	18.72	19.9
10	256QAM	1	25	18.90	18.70	18.72	
10	256QAM	1	49	18.96	18.76	18.94	
10	256QAM	25	0	18.73	18.67	18.62	19.9
10	256QAM	25	12	18.85	18.63	18.67	
10	256QAM	25	25	18.88	18.73	18.73	
10	256QAM	50	0	18.80	18.62	18.70	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	21.01	20.99	20.95	21.9
5	QPSK	1	12	21.10	21.07	21.00	
5	QPSK	1	24	21.03	20.99	20.95	
5	QPSK	12	0	21.06	21.03	20.97	21.9
5	QPSK	12	7	21.07	21.04	20.98	
5	QPSK	12	13	21.07	21.03	20.96	
5	QPSK	25	0	21.05	21.01	20.93	
5	16QAM	1	0	21.31	21.30	21.22	21.9
5	16QAM	1	12	21.37	21.32	21.34	
5	16QAM	1	24	21.34	21.29	21.27	
5	16QAM	12	0	21.10	21.08	21.04	21.9
5	16QAM	12	7	21.13	21.09	21.04	
5	16QAM	12	13	21.12	21.10	21.03	
5	16QAM	25	0	21.08	21.04	20.97	
5	64QAM	1	0	21.12	21.16	21.07	21.9
5	64QAM	1	12	21.11	21.15	21.07	
5	64QAM	1	24	21.18	21.15	21.09	
5	64QAM	12	0	21.08	21.07	20.99	21.9
5	64QAM	12	7	21.09	21.07	21.02	
5	64QAM	12	13	21.07	21.05	21.02	
5	64QAM	25	0	21.06	21.02	20.95	
5	256QAM	1	0	18.81	18.67	18.67	19.9
5	256QAM	1	12	18.84	18.77	18.68	
5	256QAM	1	24	18.91	18.84	18.95	
5	256QAM	12	0	18.78	18.67	18.61	19.9
5	256QAM	12	7	18.81	18.63	18.72	
5	256QAM	12	13	18.86	18.73	18.71	
5	256QAM	25	0	18.77	18.63	18.69	
Channel				131967	132322	132677	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	21.10	21.02	20.97	21.9
3	QPSK	1	8	21.07	20.97	20.93	
3	QPSK	1	14	21.12	21.00	20.98	
3	QPSK	8	0	21.13	21.04	20.99	21.9
3	QPSK	8	4	21.13	21.03	20.97	
3	QPSK	8	7	21.15	21.06	21.01	
3	QPSK	15	0	21.13	21.05	21.01	
3	16QAM	1	0	21.36	21.27	21.21	21.9
3	16QAM	1	8	21.26	21.23	21.17	
3	16QAM	1	14	21.36	21.29	21.23	
3	16QAM	8	0	21.13	21.09	21.03	21.9
3	16QAM	8	4	21.14	21.08	21.03	
3	16QAM	8	7	21.17	21.10	21.05	
3	16QAM	15	0	21.14	21.05	21.02	
3	64QAM	1	0	21.19	21.17	21.06	21.9
3	64QAM	1	8	21.20	21.13	21.06	
3	64QAM	1	14	21.26	21.15	21.15	
3	64QAM	8	0	21.12	21.06	20.99	21.9
3	64QAM	8	4	21.13	21.05	21.00	
3	64QAM	8	7	21.15	21.09	21.05	
3	64QAM	15	0	21.13	21.06	20.99	
3	256QAM	1	0	18.81	18.70	18.72	19.9
3	256QAM	1	8	18.84	18.71	18.78	
3	256QAM	1	14	18.95	18.83	18.95	
3	256QAM	8	0	18.79	18.62	18.64	19.9
3	256QAM	8	4	18.85	18.66	18.67	
3	256QAM	8	7	18.83	18.69	18.68	
3	256QAM	15	0	18.78	18.58	18.67	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.12	21.02	20.98	21.9
1.4	QPSK	1	3	21.03	20.92	20.90	
1.4	QPSK	1	5	21.13	21.01	20.98	
1.4	QPSK	3	0	21.14	21.02	20.97	
1.4	QPSK	3	1	21.12	21.09	21.01	
1.4	QPSK	3	3	21.11	21.01	20.96	
1.4	QPSK	6	0	21.10	21.00	20.96	21.9
1.4	16QAM	1	0	21.37	21.29	21.21	21.9
1.4	16QAM	1	3	21.25	21.22	21.18	
1.4	16QAM	1	5	21.36	21.26	21.25	
1.4	16QAM	3	0	21.17	21.09	21.06	
1.4	16QAM	3	1	21.19	21.11	21.03	
1.4	16QAM	3	3	21.17	21.11	21.01	
1.4	16QAM	6	0	21.14	21.04	21.00	21.9
1.4	64QAM	1	0	21.25	21.15	21.13	21.9
1.4	64QAM	1	3	21.20	21.11	21.04	
1.4	64QAM	1	5	21.27	21.13	21.09	
1.4	64QAM	3	0	21.16	21.09	21.03	
1.4	64QAM	3	1	21.20	21.12	21.05	
1.4	64QAM	3	3	21.17	21.13	21.03	
1.4	64QAM	6	0	21.09	21.02	20.95	21.9
1.4	256QAM	1	0	18.82	18.74	18.72	19.9
1.4	256QAM	1	3	18.81	18.71	18.75	
1.4	256QAM	1	5	18.94	18.79	18.92	
1.4	256QAM	3	0	18.71	18.65	18.68	
1.4	256QAM	3	1	18.80	18.63	18.63	
1.4	256QAM	3	3	18.86	18.63	18.77	
1.4	256QAM	6	0	18.72	18.63	18.70	19.9

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.32	21.28	21.22	22.1
20	QPSK	1	49	21.31	21.23	21.21	
20	QPSK	1	99	21.30	21.23	21.26	
20	QPSK	50	0	21.36	21.30	21.26	22.1
20	QPSK	50	24	21.38	21.30	21.29	
20	QPSK	50	50	21.35	21.27	21.28	
20	QPSK	100	0	21.36	21.29	21.27	
20	16QAM	1	0	21.63	21.62	21.41	22.1
20	16QAM	1	49	21.54	21.54	21.51	
20	16QAM	1	99	21.59	21.48	21.53	
20	16QAM	50	0	21.37	21.29	21.25	22.1
20	16QAM	50	24	21.37	21.26	21.28	
20	16QAM	50	50	21.35	21.29	21.31	
20	16QAM	100	0	21.35	21.28	21.25	
20	64QAM	1	0	21.49	21.46	21.25	22.1
20	64QAM	1	49	21.47	21.42	21.32	
20	64QAM	1	99	21.54	21.39	21.45	
20	64QAM	50	0	21.38	21.30	21.27	22.1
20	64QAM	50	24	21.39	21.29	21.30	
20	64QAM	50	50	21.38	21.27	21.33	
20	64QAM	100	0	21.36	21.26	21.27	
20	256QAM	1	0	19.01	18.99	18.87	20.1
20	256QAM	1	49	19.10	18.99	18.99	
20	256QAM	1	99	19.22	19.11	19.09	
20	256QAM	50	0	19.12	18.92	18.91	20.1
20	256QAM	50	24	19.01	18.93	18.90	
20	256QAM	50	50	19.08	18.96	19.07	
20	256QAM	100	0	19.05	18.96	18.94	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.29	21.28	21.20	22.1
15	QPSK	1	37	21.10	21.19	21.17	
15	QPSK	1	74	21.33	21.24	21.26	
15	QPSK	36	0	21.37	21.33	21.28	22.1
15	QPSK	36	20	21.38	21.31	21.28	
15	QPSK	36	39	21.37	21.30	21.28	
15	QPSK	75	0	21.38	21.31	21.29	
15	16QAM	1	0	21.57	21.58	21.45	22.1
15	16QAM	1	37	21.53	21.55	21.46	
15	16QAM	1	74	21.54	21.48	21.47	
15	16QAM	36	0	21.33	21.30	21.21	22.1
15	16QAM	36	20	21.36	21.31	21.24	
15	16QAM	36	39	21.37	21.30	21.25	
15	16QAM	75	0	21.38	21.30	21.23	
15	64QAM	1	0	21.53	21.52	21.31	22.1
15	64QAM	1	37	21.59	21.51	21.44	
15	64QAM	1	74	21.40	21.40	21.38	
15	64QAM	36	0	21.32	21.29	21.20	22.1
15	64QAM	36	20	21.34	21.29	21.23	
15	64QAM	36	39	21.33	21.28	21.26	
15	64QAM	75	0	21.35	21.29	21.24	
15	256QAM	1	0	19.07	18.95	18.91	20.1
15	256QAM	1	37	19.07	19.06	18.96	
15	256QAM	1	74	19.13	19.07	19.15	
15	256QAM	36	0	19.08	18.94	18.96	20.1
15	256QAM	36	20	19.05	19.01	18.90	
15	256QAM	36	39	19.13	18.91	19.06	
15	256QAM	75	0	19.15	18.95	18.97	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	21.37	21.19	21.11	22.1
10	QPSK	1	25	21.30	21.11	21.11	
10	QPSK	1	49	21.35	21.16	21.17	
10	QPSK	25	0	21.36	21.21	21.17	22.1
10	QPSK	25	12	21.33	21.21	21.17	
10	QPSK	25	25	21.35	21.21	21.19	
10	QPSK	50	0	21.35	21.24	21.21	
10	16QAM	1	0	21.59	21.46	21.42	22.1
10	16QAM	1	25	21.53	21.40	21.44	
10	16QAM	1	49	21.59	21.40	21.51	
10	16QAM	25	0	21.33	21.22	21.18	22.1
10	16QAM	25	12	21.32	21.23	21.19	
10	16QAM	25	25	21.34	21.20	21.20	
10	16QAM	50	0	21.32	21.23	21.21	
10	64QAM	1	0	21.36	21.37	21.25	22.1
10	64QAM	1	25	21.35	21.27	21.29	
10	64QAM	1	49	21.43	21.33	21.35	
10	64QAM	25	0	21.28	21.23	21.15	22.1
10	64QAM	25	12	21.29	21.24	21.21	
10	64QAM	25	25	21.29	21.24	21.20	
10	64QAM	50	0	21.30	21.25	21.20	
10	256QAM	1	0	19.04	19.05	18.89	20.1
10	256QAM	1	25	19.07	18.97	18.92	
10	256QAM	1	49	19.14	19.10	19.14	
10	256QAM	25	0	19.11	18.97	18.98	20.1
10	256QAM	25	12	19.10	18.98	18.94	
10	256QAM	25	25	19.15	18.98	19.08	
10	256QAM	50	0	19.11	18.91	18.92	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	21.28	21.13	21.13	22.1
5	QPSK	1	12	21.28	21.16	21.15	
5	QPSK	1	24	21.30	21.13	21.11	
5	QPSK	12	0	21.33	21.18	21.18	22.1
5	QPSK	12	7	21.35	21.19	21.16	
5	QPSK	12	13	21.35	21.18	21.16	
5	QPSK	25	0	21.31	21.17	21.12	
5	16QAM	1	0	21.53	21.40	21.37	22.1
5	16QAM	1	12	21.58	21.42	21.52	
5	16QAM	1	24	21.50	21.37	21.40	
5	16QAM	12	0	21.30	21.25	21.19	22.1
5	16QAM	12	7	21.32	21.25	21.21	
5	16QAM	12	13	21.35	21.24	21.20	
5	16QAM	25	0	21.29	21.23	21.16	
5	64QAM	1	0	21.48	21.38	21.32	22.1
5	64QAM	1	12	21.52	21.41	21.34	
5	64QAM	1	24	21.42	21.35	21.25	
5	64QAM	12	0	21.32	21.24	21.20	22.1
5	64QAM	12	7	21.33	21.25	21.20	
5	64QAM	12	13	21.33	21.23	21.17	
5	64QAM	25	0	21.30	21.23	21.14	
5	256QAM	1	0	19.01	19.00	18.90	20.1
5	256QAM	1	12	19.10	19.04	18.97	
5	256QAM	1	24	19.19	19.10	19.07	
5	256QAM	12	0	19.11	18.90	18.92	20.1
5	256QAM	12	7	19.11	18.98	18.96	
5	256QAM	12	13	19.17	18.96	19.06	
5	256QAM	25	0	19.09	18.99	18.95	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	21.33	21.15	21.14	22.1
3	QPSK	1	8	21.27	21.09	21.05	
3	QPSK	1	14	21.29	21.14	21.11	
3	QPSK	8	0	21.32	21.17	21.13	22.1
3	QPSK	8	4	21.32	21.16	21.12	
3	QPSK	8	7	21.36	21.21	21.16	
3	QPSK	15	0	21.34	21.19	21.14	
3	16QAM	1	0	21.50	21.45	21.35	22.1
3	16QAM	1	8	21.41	21.44	21.37	
3	16QAM	1	14	21.53	21.46	21.40	
3	16QAM	8	0	21.35	21.25	21.17	22.1
3	16QAM	8	4	21.35	21.25	21.17	
3	16QAM	8	7	21.35	21.27	21.20	
3	16QAM	15	0	21.33	21.22	21.17	
3	64QAM	1	0	21.40	21.32	21.24	22.1
3	64QAM	1	8	21.40	21.32	21.25	
3	64QAM	1	14	21.42	21.36	21.23	
3	64QAM	8	0	21.30	21.23	21.17	22.1
3	64QAM	8	4	21.34	21.22	21.21	
3	64QAM	8	7	21.35	21.25	21.16	
3	64QAM	15	0	21.29	21.20	21.14	
3	256QAM	1	0	19.03	18.99	18.85	20.1
3	256QAM	1	8	19.10	19.00	18.98	
3	256QAM	1	14	19.23	19.09	19.09	
3	256QAM	8	0	19.07	18.98	18.94	20.1
3	256QAM	8	4	19.04	18.92	18.95	
3	256QAM	8	7	19.10	18.96	19.05	
3	256QAM	15	0	19.14	18.92	18.89	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.32	21.13	21.11	22.1
1.4	QPSK	1	3	21.22	21.05	21.03	
1.4	QPSK	1	5	21.27	21.15	21.13	
1.4	QPSK	3	0	21.27	21.14	21.14	
1.4	QPSK	3	1	21.28	21.17	21.16	
1.4	QPSK	3	3	21.26	21.15	21.13	
1.4	QPSK	6	0	21.28	21.14	21.12	22.1
1.4	16QAM	1	0	21.57	21.43	21.41	22.1
1.4	16QAM	1	3	21.44	21.32	21.36	
1.4	16QAM	1	5	21.54	21.47	21.35	
1.4	16QAM	3	0	21.39	21.28	21.23	
1.4	16QAM	3	1	21.32	21.27	21.22	
1.4	16QAM	3	3	21.32	21.21	21.15	
1.4	16QAM	6	0	21.33	21.21	21.18	22.1
1.4	64QAM	1	0	21.42	21.35	21.31	22.1
1.4	64QAM	1	3	21.37	21.29	21.19	
1.4	64QAM	1	5	21.43	21.37	21.25	
1.4	64QAM	3	0	21.38	21.26	21.19	
1.4	64QAM	3	1	21.40	21.34	21.25	
1.4	64QAM	3	3	21.36	21.26	21.20	
1.4	64QAM	6	0	21.28	21.17	21.10	22.1
1.4	256QAM	1	0	19.01	19.05	18.91	20.1
1.4	256QAM	1	3	19.02	18.97	18.95	
1.4	256QAM	1	5	19.18	19.05	19.07	
1.4	256QAM	3	0	19.06	18.90	19.00	
1.4	256QAM	3	1	19.05	18.96	18.97	
1.4	256QAM	3	3	19.16	18.98	19.07	
1.4	256QAM	6	0	19.06	18.93	18.92	20.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20000	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.20	22.17	22.21	23.2
20	QPSK	1	49	22.21	22.16	22.15	
20	QPSK	1	99	22.22	22.17	22.14	
20	QPSK	50	0	22.29	22.24	22.26	23.2
20	QPSK	50	24	22.30	22.27	22.24	
20	QPSK	50	50	22.29	22.28	22.19	
20	QPSK	100	0	22.29	22.25	22.21	
20	16QAM	1	0	22.23	22.56	22.50	23.2
20	16QAM	1	49	22.20	22.40	22.38	
20	16QAM	1	99	22.22	22.38	22.42	
20	16QAM	50	0	22.28	22.27	22.23	23.2
20	16QAM	50	24	22.30	22.27	22.23	
20	16QAM	50	50	22.31	22.26	22.21	
20	16QAM	100	0	22.28	22.25	22.19	
20	64QAM	1	0	22.20	22.42	22.34	23.2
20	64QAM	1	49	22.30	22.35	22.33	
20	64QAM	1	99	22.28	22.24	22.30	
20	64QAM	50	0	21.34	21.27	21.24	22.2
20	64QAM	50	24	21.31	21.29	21.27	
20	64QAM	50	50	21.33	21.28	21.24	
20	64QAM	100	0	21.24	21.27	21.22	
20	256QAM	1	0	18.98	18.98	18.84	20.2
20	256QAM	1	49	19.12	18.99	18.98	
20	256QAM	1	99	19.17	18.86	19.09	
20	256QAM	50	0	18.97	18.84	18.84	20.2
20	256QAM	50	24	18.94	18.81	18.79	
20	256QAM	50	50	19.04	18.87	18.80	
20	256QAM	100	0	18.95	18.86	18.89	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.22	22.21	22.21	23.2
15	QPSK	1	37	22.01	21.99	22.05	
15	QPSK	1	74	22.26	22.19	22.16	
15	QPSK	36	0	22.27	22.26	22.23	23.2
15	QPSK	36	20	22.28	22.26	22.22	
15	QPSK	36	39	22.27	22.27	22.21	
15	QPSK	75	0	22.27	22.26	22.20	
15	16QAM	1	0	22.40	22.48	22.44	23.2
15	16QAM	1	37	22.55	22.49	22.52	
15	16QAM	1	74	22.48	22.36	22.40	
15	16QAM	36	0	22.23	22.26	22.22	23.2
15	16QAM	36	20	22.25	22.26	22.21	
15	16QAM	36	39	22.27	22.24	22.22	
15	16QAM	75	0	22.23	22.25	22.19	
15	64QAM	1	0	22.35	22.43	22.29	23.2
15	64QAM	1	37	22.45	22.36	22.35	
15	64QAM	1	74	22.35	22.35	22.42	
15	64QAM	36	0	21.25	21.27	21.22	22.2
15	64QAM	36	20	21.27	21.23	21.23	
15	64QAM	36	39	21.30	21.24	21.24	
15	64QAM	75	0	21.27	21.28	21.20	
15	256QAM	1	0	19.04	18.80	18.76	20.2
15	256QAM	1	37	19.05	19.02	18.96	
15	256QAM	1	74	19.08	18.92	19.03	
15	256QAM	36	0	18.86	19.01	18.72	20.2
15	256QAM	36	20	19.03	18.81	18.89	
15	256QAM	36	39	19.08	18.80	18.77	
15	256QAM	75	0	19.04	18.99	18.82	
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.22	22.20	22.23	23.2
10	QPSK	1	25	22.19	22.18	22.18	
10	QPSK	1	49	22.22	22.18	22.19	
10	QPSK	25	0	22.23	22.22	22.21	23.2
10	QPSK	25	12	22.22	22.22	22.19	
10	QPSK	25	25	22.22	22.23	22.18	
10	QPSK	50	0	22.25	22.26	22.23	
10	16QAM	1	0	22.45	22.55	22.47	23.2
10	16QAM	1	25	22.54	22.53	22.54	
10	16QAM	1	49	22.54	22.42	22.44	
10	16QAM	25	0	22.22	22.23	22.22	23.2
10	16QAM	25	12	22.23	22.24	22.22	
10	16QAM	25	25	22.24	22.24	22.21	
10	16QAM	50	0	22.25	22.26	22.23	
10	64QAM	1	0	22.39	22.46	22.37	23.2
10	64QAM	1	25	22.44	22.40	22.33	
10	64QAM	1	49	22.47	22.37	22.41	
10	64QAM	25	0	21.22	21.26	21.20	22.2
10	64QAM	25	12	21.23	21.25	21.21	
10	64QAM	25	25	21.27	21.26	21.23	
10	64QAM	50	0	21.27	21.28	21.25	
10	256QAM	1	0	19.00	18.98	18.90	20.2
10	256QAM	1	25	18.99	19.01	18.85	
10	256QAM	1	49	19.13	18.98	19.08	
10	256QAM	25	0	18.88	18.92	18.84	20.2
10	256QAM	25	12	19.10	18.81	18.90	
10	256QAM	25	25	19.05	18.88	18.79	
10	256QAM	50	0	18.92	18.80	18.74	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.27	22.18	22.22	23.2
5	QPSK	1	12	22.32	22.23	22.27	
5	QPSK	1	24	22.27	22.18	22.20	
5	QPSK	12	0	22.30	22.25	22.25	23.2
5	QPSK	12	7	22.30	22.26	22.26	
5	QPSK	12	13	22.30	22.24	22.24	
5	QPSK	25	0	22.27	22.24	22.20	
5	16QAM	1	0	22.49	22.49	22.44	23.2
5	16QAM	1	12	22.51	22.50	22.51	
5	16QAM	1	24	22.50	22.38	22.44	
5	16QAM	12	0	22.32	22.26	22.28	23.2
5	16QAM	12	7	22.34	22.27	22.29	
5	16QAM	12	13	22.33	22.26	22.28	
5	16QAM	25	0	22.28	22.25	22.24	
5	64QAM	1	0	22.43	22.37	22.41	23.2
5	64QAM	1	12	22.51	22.45	22.44	
5	64QAM	1	24	22.47	22.40	22.41	
5	64QAM	12	0	21.28	21.27	21.25	22.2
5	64QAM	12	7	21.32	21.28	21.28	
5	64QAM	12	13	21.31	21.25	21.27	
5	64QAM	25	0	21.28	21.26	21.25	
5	256QAM	1	0	19.01	18.90	18.83	20.2
5	256QAM	1	12	19.06	19.00	18.98	
5	256QAM	1	24	19.16	18.96	19.02	
5	256QAM	12	0	18.84	18.95	18.77	20.2
5	256QAM	12	7	19.10	18.91	18.80	
5	256QAM	12	13	18.99	18.74	18.84	
5	256QAM	25	0	18.94	18.84	18.81	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.29	22.19	22.20	23.2
3	QPSK	1	8	22.23	22.14	22.12	
3	QPSK	1	14	22.28	22.17	22.17	
3	QPSK	8	0	22.30	22.23	22.22	23.2
3	QPSK	8	4	22.30	22.22	22.22	
3	QPSK	8	7	22.32	22.23	22.23	
3	QPSK	15	0	22.30	22.24	22.21	
3	16QAM	1	0	22.54	22.46	22.47	23.2
3	16QAM	1	8	22.49	22.33	22.42	
3	16QAM	1	14	22.52	22.40	22.48	
3	16QAM	8	0	22.32	22.26	22.23	23.2
3	16QAM	8	4	22.33	22.25	22.23	
3	16QAM	8	7	22.35	22.25	22.25	
3	16QAM	15	0	22.32	22.24	22.26	
3	64QAM	1	0	22.37	22.36	22.30	23.2
3	64QAM	1	8	22.38	22.30	22.26	
3	64QAM	1	14	22.42	22.35	22.29	
3	64QAM	8	0	21.31	21.23	21.23	22.2
3	64QAM	8	4	21.32	21.24	21.25	
3	64QAM	8	7	21.32	21.25	21.30	
3	64QAM	15	0	21.31	21.24	21.24	
3	256QAM	1	0	18.93	18.97	18.92	20.2
3	256QAM	1	8	18.99	19.01	18.92	
3	256QAM	1	14	19.07	18.87	19.08	
3	256QAM	8	0	19.00	18.99	18.91	20.2
3	256QAM	8	4	19.01	18.81	18.82	
3	256QAM	8	7	18.94	18.86	18.85	
3	256QAM	15	0	18.89	18.89	18.85	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.29	22.18	22.19	23.2
1.4	QPSK	1	3	22.22	22.10	22.10	
1.4	QPSK	1	5	22.28	22.17	22.18	
1.4	QPSK	3	0	22.27	22.17	22.16	
1.4	QPSK	3	1	22.31	22.22	22.25	
1.4	QPSK	3	3	22.25	22.16	22.17	
1.4	QPSK	6	0	22.25	22.16	22.18	23.2
1.4	16QAM	1	0	22.49	22.42	22.45	23.2
1.4	16QAM	1	3	22.38	22.30	22.34	
1.4	16QAM	1	5	22.47	22.36	22.39	
1.4	16QAM	3	0	22.30	22.22	22.30	
1.4	16QAM	3	1	22.36	22.28	22.28	
1.4	16QAM	3	3	22.29	22.20	22.26	
1.4	16QAM	6	0	22.32	22.20	22.20	23.2
1.4	64QAM	1	0	22.40	22.33	22.33	23.2
1.4	64QAM	1	3	22.35	22.25	22.29	
1.4	64QAM	1	5	22.38	22.30	22.34	
1.4	64QAM	3	0	22.34	22.25	22.28	
1.4	64QAM	3	1	22.42	22.25	22.23	
1.4	64QAM	3	3	22.33	22.22	22.22	
1.4	64QAM	6	0	21.27	21.22	21.24	23.2
1.4	256QAM	1	0	19.05	18.85	18.75	20.2
1.4	256QAM	1	3	19.07	18.88	18.84	
1.4	256QAM	1	5	19.08	18.83	19.07	
1.4	256QAM	3	0	18.98	18.85	18.82	
1.4	256QAM	3	1	19.00	18.92	18.87	
1.4	256QAM	3	3	19.00	18.82	18.79	
1.4	256QAM	6	0	19.03	18.89	18.90	20.2

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.01	19.99	20.02	21
20	QPSK	1	49	20.00	19.95	20.01	
20	QPSK	1	99	20.00	19.95	20.00	
20	QPSK	50	0	20.05	20.02	20.09	21
20	QPSK	50	24	20.10	20.03	20.17	
20	QPSK	50	50	20.09	20.02	20.13	
20	QPSK	100	0	20.07	20.02	20.18	
20	16QAM	1	0	20.12	20.15	20.19	21
20	16QAM	1	49	20.18	20.17	20.13	
20	16QAM	1	99	20.18	20.17	20.13	
20	16QAM	50	0	20.06	20.01	20.10	21
20	16QAM	50	24	20.09	20.04	20.14	
20	16QAM	50	50	20.09	20.03	20.13	
20	16QAM	100	0	20.04	19.97	20.09	
20	64QAM	1	0	20.09	20.09	20.12	21
20	64QAM	1	49	20.16	20.12	20.12	
20	64QAM	1	99	20.15	20.13	20.17	
20	64QAM	50	0	20.10	20.04	20.12	21
20	64QAM	50	24	20.11	20.09	20.15	
20	64QAM	50	50	20.09	20.08	20.15	
20	64QAM	100	0	20.05	20.02	20.10	
20	256QAM	1	0	19.26	19.21	19.16	20
20	256QAM	1	49	19.19	19.03	19.04	
20	256QAM	1	99	19.06	19.03	19.11	
20	256QAM	50	0	19.18	18.96	19.02	20
20	256QAM	50	24	19.26	18.96	19.09	
20	256QAM	50	50	19.06	18.87	18.98	
20	256QAM	100	0	19.15	18.97	19.05	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.94	19.91	20.01	21
15	QPSK	1	37	19.98	19.83	20.01	
15	QPSK	1	74	19.98	20.00	20.07	
15	QPSK	36	0	20.01	20.01	20.08	21
15	QPSK	36	20	20.03	20.02	20.08	
15	QPSK	36	39	20.04	20.03	20.11	
15	QPSK	75	0	20.01	20.01	20.11	
15	16QAM	1	0	20.11	20.11	20.10	21
15	16QAM	1	37	20.15	20.11	20.10	
15	16QAM	1	74	20.17	20.14	20.10	
15	16QAM	36	0	20.01	20.00	20.05	21
15	16QAM	36	20	20.03	20.02	20.04	
15	16QAM	36	39	20.03	20.05	20.10	
15	16QAM	75	0	20.01	20.01	20.07	
15	64QAM	1	0	20.15	20.07	20.11	21
15	64QAM	1	37	20.11	20.13	20.15	
15	64QAM	1	74	20.15	20.17	20.10	
15	64QAM	36	0	19.99	19.99	20.06	21
15	64QAM	36	20	20.02	20.01	20.05	
15	64QAM	36	39	20.03	20.05	20.09	
15	64QAM	75	0	20.01	19.98	20.07	
15	256QAM	1	0	19.23	19.19	19.24	20
15	256QAM	1	37	19.18	19.00	19.07	
15	256QAM	1	74	19.06	18.99	19.11	
15	256QAM	36	0	19.17	19.03	19.09	20
15	256QAM	36	20	19.21	18.97	19.08	
15	256QAM	36	39	19.04	18.85	19.02	
15	256QAM	75	0	19.16	19.07	19.02	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.89	19.82	20.00	21
10	QPSK	1	25	19.97	19.80	19.93	
10	QPSK	1	49	19.91	19.98	20.03	
10	QPSK	25	0	20.00	19.93	19.98	21
10	QPSK	25	12	19.95	19.92	19.99	
10	QPSK	25	25	19.94	19.99	20.06	
10	QPSK	50	0	19.96	19.98	20.11	
10	16QAM	1	0	20.11	20.14	20.14	21
10	16QAM	1	25	20.13	20.10	20.15	
10	16QAM	1	49	20.15	20.11	20.12	
10	16QAM	25	0	19.92	19.93	20.05	21
10	16QAM	25	12	19.96	19.98	20.01	
10	16QAM	25	25	19.96	20.01	20.07	
10	16QAM	50	0	19.99	19.97	20.04	
10	64QAM	1	0	20.09	20.07	20.15	21
10	64QAM	1	25	20.03	20.19	20.06	
10	64QAM	1	49	20.16	20.10	20.15	
10	64QAM	25	0	19.99	19.98	19.97	21
10	64QAM	25	12	19.96	19.96	19.99	
10	64QAM	25	25	20.00	19.98	20.03	
10	64QAM	50	0	20.01	19.91	19.99	
10	256QAM	1	0	19.22	19.10	19.21	20
10	256QAM	1	25	19.09	18.90	19.04	
10	256QAM	1	49	19.05	18.99	19.08	
10	256QAM	25	0	19.09	18.98	19.06	20
10	256QAM	25	12	19.13	18.95	18.99	
10	256QAM	25	25	19.00	18.85	18.94	
10	256QAM	50	0	19.10	18.99	19.00	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.89	19.82	20.00	21
5	QPSK	1	12	19.97	19.80	19.93	
5	QPSK	1	24	19.91	19.98	20.03	
5	QPSK	12	0	20.00	19.93	19.98	21
5	QPSK	12	7	19.95	19.92	19.99	
5	QPSK	12	13	19.94	19.99	20.06	
5	QPSK	25	0	19.96	19.98	20.11	
5	16QAM	1	0	20.11	20.14	20.13	21
5	16QAM	1	12	20.13	20.09	20.13	
5	16QAM	1	24	20.10	20.03	20.10	
5	16QAM	12	0	19.92	19.93	20.05	21
5	16QAM	12	7	19.96	19.98	20.01	
5	16QAM	12	13	19.96	20.01	20.07	
5	16QAM	25	0	19.99	19.97	20.04	
5	64QAM	1	0	20.09	20.07	20.15	21
5	64QAM	1	12	20.03	20.19	20.06	
5	64QAM	1	24	20.16	20.11	20.12	
5	64QAM	12	0	19.99	19.98	19.97	21
5	64QAM	12	7	19.96	19.96	19.99	
5	64QAM	12	13	20.00	19.98	20.03	
5	64QAM	25	0	20.01	19.91	19.99	
5	256QAM	1	0	19.22	19.10	19.21	20
5	256QAM	1	12	19.09	18.90	19.04	
5	256QAM	1	24	19.05	18.99	19.08	
5	256QAM	12	0	19.09	18.98	19.06	20
5	256QAM	12	7	19.13	18.95	18.99	
5	256QAM	12	13	19.00	18.85	18.94	
5	256QAM	25	0	19.10	18.99	19.00	

Band 25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	21.40	21.33	21.13	22.1
20	QPSK	1	49	21.37	21.27	21.12	
20	QPSK	1	99	21.39	21.27	21.05	
20	QPSK	50	0	21.46	21.35	21.10	22.1
20	QPSK	50	24	21.48	21.36	21.14	
20	QPSK	50	50	21.47	21.33	21.13	
20	QPSK	100	0	21.47	21.33	21.12	
20	16QAM	1	0	21.69	21.64	21.32	22.1
20	16QAM	1	49	21.67	21.54	21.32	
20	16QAM	1	99	21.68	21.57	21.22	
20	16QAM	50	0	21.46	21.37	21.04	22.1
20	16QAM	50	24	21.49	21.34	21.08	
20	16QAM	50	50	21.46	21.35	21.08	
20	16QAM	100	0	21.45	21.33	21.05	
20	64QAM	1	0	21.57	21.52	21.14	22.1
20	64QAM	1	49	21.57	21.52	21.27	
20	64QAM	1	99	21.54	21.43	21.09	
20	64QAM	50	0	21.46	21.38	20.99	22.1
20	64QAM	50	24	21.48	21.39	21.10	
20	64QAM	50	50	21.45	21.35	21.11	
20	64QAM	100	0	21.45	21.34	21.08	
20	256QAM	1	0	18.95	18.95	18.85	20.1
20	256QAM	1	49	18.95	19.04	18.91	
20	256QAM	1	99	19.05	19.09	19.13	
20	256QAM	50	0	18.93	18.83	18.94	20.1
20	256QAM	50	24	18.97	18.90	18.87	
20	256QAM	50	50	19.13	18.83	18.95	
20	256QAM	100	0	19.03	18.86	18.89	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	21.28	21.34	21.13	22.1
15	QPSK	1	37	21.23	21.22	21.02	
15	QPSK	1	74	21.31	21.29	21.03	
15	QPSK	36	0	21.34	21.37	21.07	22.1
15	QPSK	36	20	21.34	21.37	21.08	
15	QPSK	36	39	21.39	21.36	21.09	
15	QPSK	75	0	21.40	21.36	21.06	
15	16QAM	1	0	21.53	21.61	21.30	22.1
15	16QAM	1	37	21.58	21.67	21.42	
15	16QAM	1	74	21.53	21.48	21.19	
15	16QAM	36	0	21.32	21.31	21.01	22.1
15	16QAM	36	20	21.33	21.36	21.03	
15	16QAM	36	39	21.33	21.33	21.04	
15	16QAM	75	0	21.34	21.34	20.99	
15	64QAM	1	0	21.42	21.51	21.16	22.1
15	64QAM	1	37	21.46	21.45	21.22	
15	64QAM	1	74	21.44	21.38	21.09	
15	64QAM	36	0	21.32	21.34	21.04	22.1
15	64QAM	36	20	21.33	21.35	21.04	
15	64QAM	36	39	21.34	21.34	21.04	
15	64QAM	75	0	21.33	21.34	21.02	
15	256QAM	1	0	19.03	18.95	18.82	20.1
15	256QAM	1	37	18.98	19.00	18.95	
15	256QAM	1	74	19.12	19.11	19.10	
15	256QAM	36	0	19.00	18.80	18.87	20.1
15	256QAM	36	20	18.98	18.90	18.88	
15	256QAM	36	39	19.08	18.87	19.02	
15	256QAM	75	0	19.06	18.89	18.86	
Channel				26090	26340	26840	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	21.16	21.13	21.03	22.1
10	QPSK	1	25	21.17	21.09	21.03	
10	QPSK	1	49	21.20	21.10	21.00	
10	QPSK	25	0	21.23	21.24	21.02	22.1
10	QPSK	25	12	21.22	21.25	21.03	
10	QPSK	25	25	21.24	21.23	21.04	
10	QPSK	50	0	21.26	21.28	21.05	
10	16QAM	1	0	21.48	21.46	21.24	22.1
10	16QAM	1	25	21.42	21.39	21.21	
10	16QAM	1	49	21.49	21.48	21.19	
10	16QAM	25	0	21.22	21.24	21.03	22.1
10	16QAM	25	12	21.25	21.24	21.03	
10	16QAM	25	25	21.24	21.22	21.04	
10	16QAM	50	0	21.25	21.25	21.06	
10	64QAM	1	0	21.30	21.36	21.21	22.1
10	64QAM	1	25	21.20	21.28	21.13	
10	64QAM	1	49	21.36	21.32	21.05	
10	64QAM	25	0	21.22	21.23	20.97	22.1
10	64QAM	25	12	21.22	21.25	20.99	
10	64QAM	25	25	21.25	21.22	21.00	
10	64QAM	50	0	21.25	21.25	21.01	
10	256QAM	1	0	18.96	18.94	18.89	20.1
10	256QAM	1	25	18.97	19.02	19.00	
10	256QAM	1	49	19.06	19.10	19.07	
10	256QAM	25	0	19.01	18.82	18.87	20.1
10	256QAM	25	12	19.02	18.95	18.87	
10	256QAM	25	25	19.09	18.84	18.93	
10	256QAM	50	0	19.03	18.92	18.84	
Channel				26065	26340	26865	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	21.17	21.13	21.01	22.1
5	QPSK	1	12	21.22	21.17	21.02	
5	QPSK	1	24	21.16	21.12	20.93	
5	QPSK	12	0	21.21	21.17	20.99	22.1
5	QPSK	12	7	21.24	21.18	21.00	
5	QPSK	12	13	21.23	21.16	20.99	
5	QPSK	25	0	21.21	21.16	20.99	
5	16QAM	1	0	21.44	21.40	21.20	22.1
5	16QAM	1	12	21.52	21.48	21.25	
5	16QAM	1	24	21.43	21.40	21.11	
5	16QAM	12	0	21.24	21.19	20.94	22.1
5	16QAM	12	7	21.26	21.18	20.96	
5	16QAM	12	13	21.24	21.17	20.93	
5	16QAM	25	0	21.21	21.15	20.91	
5	64QAM	1	0	21.33	21.31	21.03	22.1
5	64QAM	1	12	21.32	21.31	21.02	
5	64QAM	1	24	21.34	21.27	20.98	
5	64QAM	12	0	21.25	21.23	20.94	22.1
5	64QAM	12	7	21.27	21.26	20.94	
5	64QAM	12	13	21.22	21.22	20.93	
5	64QAM	25	0	21.21	21.21	20.92	
5	256QAM	1	0	18.93	18.92	18.92	20.1
5	256QAM	1	12	19.03	19.03	18.98	
5	256QAM	1	24	19.13	19.10	19.14	
5	256QAM	12	0	18.92	18.89	18.96	20.1
5	256QAM	12	7	19.03	18.91	18.83	
5	256QAM	12	13	19.09	18.83	18.94	
5	256QAM	25	0	19.00	18.84	18.87	
Channel				26055	26340	26625	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	21.22	21.11	21.00	22.1
3	QPSK	1	8	21.19	21.12	20.92	
3	QPSK	1	14	21.22	21.15	20.93	
3	QPSK	8	0	21.25	21.17	20.93	22.1
3	QPSK	8	4	21.25	21.20	20.94	
3	QPSK	8	7	21.27	21.22	20.95	
3	QPSK	15	0	21.27	21.20	20.96	
3	16QAM	1	0	21.53	21.40	21.17	22.1
3	16QAM	1	8	21.47	21.36	21.14	
3	16QAM	1	14	21.50	21.39	21.11	
3	16QAM	8	0	21.30	21.22	20.91	22.1
3	16QAM	8	4	21.29	21.20	20.99	
3	16QAM	8	7	21.31	21.24	20.93	
3	16QAM	15	0	21.26	21.19	20.90	
3	64QAM	1	0	21.37	21.32	20.95	22.1
3	64QAM	1	8	21.34	21.31	20.96	
3	64QAM	1	14	21.39	21.26	20.98	
3	64QAM	8	0	21.29	21.19	20.89	22.1
3	64QAM	8	4	21.31	21.21	20.96	
3	64QAM	8	7	21.34	21.23	20.91	
3	64QAM	15	0	21.26	21.19	20.88	
3	256QAM	1	0	18.99	18.94	18.87	20.1
3	256QAM	1	8	19.02	18.95	19.00	
3	256QAM	1	14	19.11	19.08	19.05	
3	256QAM	8	0	19.00	18.80	18.96	20.1
3	256QAM	8	4	18.96	18.91	18.84	
3	256QAM	8	7	19.09	18.91	19.00	
3	256QAM	15	0	18.98	18.85	18.85	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	21.29	21.15	21.03	22.1
1.4	QPSK	1	3	21.22	21.14	20.93	
1.4	QPSK	1	5	21.32	21.20	20.99	
1.4	QPSK	3	0	21.32	21.21	21.00	
1.4	QPSK	3	1	21.36	21.27	21.02	
1.4	QPSK	3	3	21.30	21.21	20.94	
1.4	QPSK	6	0	21.32	21.23	20.95	22.1
1.4	16QAM	1	0	21.55	21.49	21.15	22.1
1.4	16QAM	1	3	21.48	21.45	21.08	
1.4	16QAM	1	5	21.56	21.47	21.16	
1.4	16QAM	3	0	21.39	21.28	21.01	
1.4	16QAM	3	1	21.41	21.30	21.00	
1.4	16QAM	3	3	21.35	21.26	20.96	
1.4	16QAM	6	0	21.35	21.29	20.93	22.1
1.4	64QAM	1	0	21.39	21.36	21.01	22.1
1.4	64QAM	1	3	21.34	21.30	20.98	
1.4	64QAM	1	5	21.47	21.43	20.96	
1.4	64QAM	3	0	21.39	21.37	20.97	
1.4	64QAM	3	1	21.38	21.36	21.04	
1.4	64QAM	3	3	21.39	21.37	20.95	
1.4	64QAM	6	0	21.34	21.25	20.86	22.1
1.4	256QAM	1	0	18.96	18.99	18.82	20.1
1.4	256QAM	1	3	18.98	19.01	18.93	
1.4	256QAM	1	5	19.11	19.05	19.07	
1.4	256QAM	3	0	18.96	18.80	18.88	
1.4	256QAM	3	1	19.00	18.91	18.87	
1.4	256QAM	3	3	19.13	18.85	18.94	
1.4	256QAM	6	0	19.04	18.92	18.83	20.1

Band 30_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.41		23.4
10	QPSK	1	25		21.40		
10	QPSK	1	49		21.40		
10	QPSK	25	0		20.68		21.6
10	QPSK	25	12		20.68		
10	QPSK	25	25		20.69		
10	QPSK	50	0		20.69		
10	16QAM	1	0		21.63		21.6
10	16QAM	1	25		21.55		
10	16QAM	1	49		21.51		
10	16QAM	25	0		20.73		21.6
10	16QAM	25	12		20.75		
10	16QAM	25	25		20.72		
10	16QAM	50	0		20.73		
10	64QAM	1	0		21.50		22.6
10	64QAM	1	25		21.41		
10	64QAM	1	49		21.43		
10	64QAM	25	0		20.73		21.6
10	64QAM	25	12		20.74		
10	64QAM	25	25		20.73		
10	64QAM	50	0		20.76		
10	256QAM	1	0		18.63		19.6
10	256QAM	1	25		18.52		
10	256QAM	1	49		18.47		
10	256QAM	25	0		18.55		19.6
10	256QAM	25	12		18.49		
10	256QAM	25	25		18.41		
10	256QAM	50	0		18.55		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.42	21.43	21.43	23.4
5	QPSK	1	12	21.43	21.45	21.43	
5	QPSK	1	24	21.41	21.43	21.42	
5	QPSK	12	0	20.75	20.72	20.67	21.6
5	QPSK	12	7	20.79	20.74	20.67	
5	QPSK	12	13	20.76	20.72	20.67	
5	QPSK	25	0	20.74	20.69	20.63	
5	16QAM	1	0	21.56	21.55	21.49	21.6
5	16QAM	1	12	21.59	21.59	21.58	
5	16QAM	1	24	21.57	21.53	21.39	
5	16QAM	12	0	20.79	20.78	20.73	21.6
5	16QAM	12	7	20.81	20.77	20.73	
5	16QAM	12	13	20.83	20.79	20.73	
5	16QAM	25	0	20.77	20.73	20.68	
5	64QAM	1	0	21.44	21.46	21.42	22.6
5	64QAM	1	12	21.50	21.47	21.43	
5	64QAM	1	24	21.47	21.39	21.33	
5	64QAM	12	0	20.80	20.79	20.73	21.6
5	64QAM	12	7	20.82	20.78	20.73	
5	64QAM	12	13	20.81	20.79	20.71	
5	64QAM	25	0	20.77	20.73	20.68	
5	256QAM	1	0	18.65	18.60	18.69	19.6
5	256QAM	1	12	18.30	18.44	18.43	
5	256QAM	1	24	18.50	18.31	18.32	
5	256QAM	12	0	18.62	18.46	18.58	19.6
5	256QAM	12	7	18.43	18.33	18.44	
5	256QAM	12	13	18.35	18.26	18.24	
5	256QAM	25	0	18.57	18.47	18.59	

Band 66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.09	22.00	21.95	23.2
20	QPSK	1	49	22.00	21.96	21.87	
20	QPSK	1	99	22.08	21.94	21.91	
20	QPSK	50	0	22.11	22.06	21.98	23.2
20	QPSK	50	24	22.14	22.07	22.01	
20	QPSK	50	50	22.13	22.01	21.98	
20	QPSK	100	0	22.11	22.02	21.96	
20	16QAM	1	0	22.28	22.24	22.23	23.2
20	16QAM	1	49	22.26	22.16	22.09	
20	16QAM	1	99	22.34	22.18	22.10	
20	16QAM	50	0	22.08	22.02	21.97	23.2
20	16QAM	50	24	22.11	22.04	21.98	
20	16QAM	50	50	22.11	21.98	21.97	
20	16QAM	100	0	22.09	21.98	21.95	
20	64QAM	1	0	22.09	22.08	22.10	23.2
20	64QAM	1	49	22.21	22.12	22.00	
20	64QAM	1	99	22.16	22.08	21.99	
20	64QAM	50	0	21.11	21.02	20.99	22.2
20	64QAM	50	24	21.15	21.06	20.99	
20	64QAM	50	50	21.13	21.03	21.00	
20	64QAM	100	0	21.12	21.02	20.97	
20	256QAM	1	0	18.86	18.85	18.69	20.2
20	256QAM	1	49	19.01	18.86	18.84	
20	256QAM	1	99	19.00	18.94	18.92	
20	256QAM	50	0	18.85	18.79	18.65	20.2
20	256QAM	50	24	18.89	18.73	18.70	
20	256QAM	50	50	18.81	18.78	18.80	
20	256QAM	100	0	18.82	18.67	18.67	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.00	21.98	21.90	23.2
15	QPSK	1	37	21.82	21.79	21.73	
15	QPSK	1	74	22.05	21.94	21.91	
15	QPSK	36	0	22.06	22.03	21.97	23.2
15	QPSK	36	20	22.08	22.03	21.98	
15	QPSK	36	39	22.09	22.00	21.97	
15	QPSK	75	0	22.07	21.97	21.99	
15	16QAM	1	0	22.22	22.16	22.14	23.2
15	16QAM	1	37	22.33	22.22	22.18	
15	16QAM	1	74	22.32	22.13	22.09	
15	16QAM	36	0	22.07	21.99	21.91	23.2
15	16QAM	36	20	22.09	21.99	21.96	
15	16QAM	36	39	22.10	21.99	21.96	
15	16QAM	75	0	22.07	21.99	21.94	
15	64QAM	1	0	22.11	22.06	21.99	23.2
15	64QAM	1	37	22.33	22.04	22.01	
15	64QAM	1	74	22.24	22.10	22.00	
15	64QAM	36	0	21.07	21.00	20.93	22.2
15	64QAM	36	20	21.08	21.02	20.95	
15	64QAM	36	39	21.09	21.02	20.97	
15	64QAM	75	0	21.11	21.02	20.97	
15	256QAM	1	0	18.84	18.81	18.81	20.2
15	256QAM	1	37	18.84	18.79	18.80	
15	256QAM	1	74	19.04	18.95	19.01	
15	256QAM	36	0	18.90	18.74	18.75	20.2
15	256QAM	36	20	18.89	18.72	18.83	
15	256QAM	36	39	18.89	18.70	18.71	
15	256QAM	75	0	18.83	18.78	18.71	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.03	21.99	21.93	23.2
10	QPSK	1	25	21.99	21.93	21.88	
10	QPSK	1	49	22.04	21.97	21.91	
10	QPSK	25	0	22.02	22.01	21.94	23.2
10	QPSK	25	12	22.02	21.99	21.94	
10	QPSK	25	25	22.02	21.98	21.93	
10	QPSK	50	0	22.04	22.03	21.97	
10	16QAM	1	0	22.23	22.21	22.11	23.2
10	16QAM	1	25	22.30	22.18	22.10	
10	16QAM	1	49	22.31	22.21	22.23	
10	16QAM	25	0	22.04	22.01	21.92	23.2
10	16QAM	25	12	22.06	22.02	21.94	
10	16QAM	25	25	22.06	22.01	21.93	
10	16QAM	50	0	22.06	22.03	21.94	
10	64QAM	1	0	22.17	22.14	22.03	23.2
10	64QAM	1	25	22.15	22.11	22.04	
10	64QAM	1	49	22.31	22.18	22.05	
10	64QAM	25	0	21.04	21.03	20.93	22.2
10	64QAM	25	12	21.04	21.02	20.95	
10	64QAM	25	25	21.08	21.02	20.96	
10	64QAM	50	0	21.10	21.06	20.96	
10	256QAM	1	0	18.82	18.71	18.80	20.2
10	256QAM	1	25	19.00	18.71	18.88	
10	256QAM	1	49	18.97	18.76	18.87	
10	256QAM	25	0	18.77	18.69	18.68	20.2
10	256QAM	25	12	18.77	18.67	18.75	
10	256QAM	25	25	18.98	18.81	18.75	
10	256QAM	50	0	18.73	18.74	18.73	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.03	22.00	21.93	23.2
5	QPSK	1	12	22.06	22.03	21.96	
5	QPSK	1	24	22.03	21.99	21.93	
5	QPSK	12	0	22.07	22.04	21.96	23.2
5	QPSK	12	7	22.08	22.04	21.98	
5	QPSK	12	13	22.07	22.01	21.94	
5	QPSK	25	0	22.06	21.98	21.93	
5	16QAM	1	0	22.26	22.30	22.18	23.2
5	16QAM	1	12	22.31	22.28	22.19	
5	16QAM	1	24	22.28	22.21	22.13	
5	16QAM	12	0	22.10	22.07	21.99	23.2
5	16QAM	12	7	22.10	22.07	22.02	
5	16QAM	12	13	22.12	22.06	22.02	
5	16QAM	25	0	22.05	22.01	21.93	
5	64QAM	1	0	22.25	22.18	22.08	23.2
5	64QAM	1	12	22.26	22.27	22.17	
5	64QAM	1	24	22.25	22.17	22.14	
5	64QAM	12	0	21.09	21.04	20.97	22.2
5	64QAM	12	7	21.11	21.08	21.00	
5	64QAM	12	13	21.10	21.08	20.99	
5	64QAM	25	0	21.06	21.02	20.96	
5	256QAM	1	0	18.77	18.82	18.72	20.2
5	256QAM	1	12	18.82	18.84	18.70	
5	256QAM	1	24	19.00	18.79	18.99	
5	256QAM	12	0	18.82	18.71	18.66	20.2
5	256QAM	12	7	18.81	18.76	18.73	
5	256QAM	12	13	18.87	18.64	18.70	
5	256QAM	25	0	18.74	18.63	18.65	
Channel				131667	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.08	22.00	21.95	23.2
3	QPSK	1	8	22.01	21.94	21.89	
3	QPSK	1	14	22.05	21.97	21.92	
3	QPSK	8	0	22.09	22.05	21.95	23.2
3	QPSK	8	4	22.08	22.03	21.95	
3	QPSK	8	7	22.13	22.06	21.98	
3	QPSK	15	0	22.10	22.04	21.97	
3	16QAM	1	0	22.32	22.29	22.21	23.2
3	16QAM	1	8	22.25	22.20	22.13	
3	16QAM	1	14	22.28	22.22	22.16	
3	16QAM	8	0	22.12	22.03	21.95	23.2
3	16QAM	8	4	22.12	22.04	21.95	
3	16QAM	8	7	22.14	22.06	21.97	
3	16QAM	15	0	22.13	22.04	21.95	
3	64QAM	1	0	22.13	22.10	22.02	23.2
3	64QAM	1	8	22.16	22.09	22.04	
3	64QAM	1	14	22.24	22.15	22.06	
3	64QAM	8	0	21.10	21.04	20.97	22.2
3	64QAM	8	4	21.11	21.07	20.96	
3	64QAM	8	7	21.12	21.06	20.98	
3	64QAM	15	0	21.11	21.04	20.96	
3	256QAM	1	0	18.87	18.82	18.70	20.2
3	256QAM	1	8	18.89	18.79	18.76	
3	256QAM	1	14	18.92	18.93	19.02	
3	256QAM	8	0	18.83	18.72	18.72	20.2
3	256QAM	8	4	18.85	18.76	18.81	
3	256QAM	8	7	18.86	18.66	18.80	
3	256QAM	15	0	18.79	18.62	18.78	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.07	21.99	21.95	23.2
1.4	QPSK	1	3	21.98	21.90	21.85	
1.4	QPSK	1	5	22.06	21.99	21.94	
1.4	QPSK	3	0	22.08	21.99	21.93	
1.4	QPSK	3	1	22.13	22.07	21.95	
1.4	QPSK	3	3	22.03	21.97	21.90	
1.4	QPSK	6	0	22.06	21.99	21.92	23.2
1.4	16QAM	1	0	22.33	22.23	22.20	23.2
1.4	16QAM	1	3	22.21	22.11	22.10	
1.4	16QAM	1	5	22.30	22.17	22.18	
1.4	16QAM	3	0	22.13	22.10	21.99	
1.4	16QAM	3	1	22.15	22.13	21.96	
1.4	16QAM	3	3	22.10	22.06	21.95	
1.4	16QAM	6	0	22.12	22.01	21.94	23.2
1.4	64QAM	1	0	22.16	22.14	22.08	23.2
1.4	64QAM	1	3	22.13	22.05	21.97	
1.4	64QAM	1	5	22.21	22.13	22.05	
1.4	64QAM	3	0	22.14	22.07	21.94	
1.4	64QAM	3	1	22.18	22.12	21.99	
1.4	64QAM	3	3	22.16	22.05	21.98	
1.4	64QAM	6	0	21.24	21.21	21.23	23.2
1.4	256QAM	1	0	18.79	18.63	18.80	20.2
1.4	256QAM	1	3	18.95	18.68	18.77	
1.4	256QAM	1	5	18.96	18.81	18.83	
1.4	256QAM	3	0	18.82	18.65	18.70	
1.4	256QAM	3	1	18.87	18.62	18.73	
1.4	256QAM	3	3	18.87	18.76	18.67	
1.4	256QAM	6	0	18.71	18.58	18.59	20.2

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.07	19.92	19.81	21.3
20	QPSK	1	49	20.06	19.88	19.80	
20	QPSK	1	99	20.03	19.90	19.88	
20	QPSK	50	0	20.11	19.96	19.91	21.3
20	QPSK	50	24	20.12	19.96	19.92	
20	QPSK	50	50	20.12	19.93	19.92	
20	QPSK	100	0	20.09	19.96	19.92	
20	16QAM	1	0	20.39	20.32	20.03	21.3
20	16QAM	1	49	20.30	20.13	20.10	
20	16QAM	1	99	20.38	20.15	20.24	
20	16QAM	50	0	20.05	19.92	19.89	21.3
20	16QAM	50	24	20.05	19.93	19.91	
20	16QAM	50	50	20.03	19.91	19.92	
20	16QAM	100	0	20.04	19.92	19.90	
20	64QAM	1	0	20.23	20.20	19.96	21.3
20	64QAM	1	49	20.16	20.07	20.03	
20	64QAM	1	99	20.18	20.10	20.10	
20	64QAM	50	0	20.06	19.94	19.91	21.3
20	64QAM	50	24	20.08	19.96	19.93	
20	64QAM	50	50	20.06	19.93	19.94	
20	64QAM	100	0	20.04	19.92	19.91	
20	256QAM	1	0	19.04	18.99	18.85	20.3
20	256QAM	1	49	19.03	18.98	18.91	
20	256QAM	1	99	19.14	19.05	19.07	
20	256QAM	50	0	19.02	18.92	18.93	20.3
20	256QAM	50	24	19.02	19.00	18.89	
20	256QAM	50	50	19.09	19.00	19.03	
20	256QAM	100	0	19.06	18.92	18.89	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.96	19.91	19.78	21.3
15	QPSK	1	37	19.85	19.79	19.77	
15	QPSK	1	74	19.93	19.87	19.85	
15	QPSK	36	0	19.98	19.94	19.88	21.3
15	QPSK	36	20	19.98	19.92	19.88	
15	QPSK	36	39	20.00	19.92	19.90	
15	QPSK	75	0	20.01	19.93	19.93	
15	16QAM	1	0	20.16	20.18	20.01	21.3
15	16QAM	1	37	20.17	20.21	20.11	
15	16QAM	1	74	20.24	20.13	20.11	
15	16QAM	36	0	19.97	19.92	19.83	21.3
15	16QAM	36	20	19.97	19.91	19.86	
15	16QAM	36	39	19.98	19.90	19.89	
15	16QAM	75	0	19.98	19.90	19.88	
15	64QAM	1	0	20.12	20.16	19.92	21.3
15	64QAM	1	37	20.13	20.07	19.94	
15	64QAM	1	74	20.10	20.14	20.08	
15	64QAM	36	0	19.98	19.92	19.82	21.3
15	64QAM	36	20	19.96	19.89	19.86	
15	64QAM	36	39	19.97	19.93	19.90	
15	64QAM	75	0	19.98	19.89	19.87	
15	256QAM	1	0	19.06	18.95	18.83	20.3
15	256QAM	1	37	19.05	19.00	18.96	
15	256QAM	1	74	19.14	19.06	19.13	
15	256QAM	36	0	19.04	18.98	18.91	20.3
15	256QAM	36	20	19.05	18.97	18.89	
15	256QAM	36	39	19.14	18.96	19.01	
15	256QAM	75	0	19.14	18.93	18.89	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.01	19.87	19.84	21.3
10	QPSK	1	25	20.02	19.83	19.83	
10	QPSK	1	49	19.99	19.85	19.86	
10	QPSK	25	0	20.03	19.92	19.88	21.3
10	QPSK	25	12	20.02	19.88	19.87	
10	QPSK	25	25	20.05	19.90	19.89	
10	QPSK	50	0	20.03	19.94	19.91	
10	16QAM	1	0	20.29	20.19	20.12	21.3
10	16QAM	1	25	20.17	20.13	20.08	
10	16QAM	1	49	20.26	20.13	20.15	
10	16QAM	25	0	20.03	19.95	19.89	21.3
10	16QAM	25	12	20.01	19.94	19.88	
10	16QAM	25	25	20.02	19.93	19.90	
10	16QAM	50	0	20.00	19.95	19.89	
10	64QAM	1	0	20.19	20.07	20.05	21.3
10	64QAM	1	25	20.13	19.92	20.00	
10	64QAM	1	49	20.19	19.99	20.03	
10	64QAM	25	0	20.00	19.94	19.87	21.3
10	64QAM	25	12	20.01	19.96	19.86	
10	64QAM	25	25	20.01	19.91	19.90	
10	64QAM	50	0	20.03	19.95	19.89	
10	256QAM	1	0	19.03	19.02	18.82	20.3
10	256QAM	1	25	19.08	19.03	18.93	
10	256QAM	1	49	19.21	19.06	19.11	
10	256QAM	25	0	19.04	18.92	19.00	20.3
10	256QAM	25	12	19.09	18.96	18.92	
10	256QAM	25	25	19.17	18.93	19.04	
10	256QAM	50	0	19.08	18.93	18.94	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.01	19.86	19.85	21.3
5	QPSK	1	12	20.04	19.86	19.89	
5	QPSK	1	24	20.02	19.87	19.88	
5	QPSK	12	0	20.06	19.94	19.89	21.3
5	QPSK	12	7	20.08	19.94	19.90	
5	QPSK	12	13	20.03	19.92	19.90	
5	QPSK	25	0	20.03	19.94	19.87	
5	16QAM	1	0	20.27	20.18	20.12	21.3
5	16QAM	1	12	20.27	20.22	20.16	
5	16QAM	1	24	20.21	20.17	20.11	
5	16QAM	12	0	20.05	19.96	19.87	21.3
5	16QAM	12	7	20.08	19.96	19.89	
5	16QAM	12	13	20.05	19.96	19.88	
5	16QAM	25	0	20.05	19.94	19.86	
5	64QAM	1	0	20.19	20.07	19.97	21.3
5	64QAM	1	12	20.18	20.05	19.99	
5	64QAM	1	24	20.20	20.06	19.96	
5	64QAM	12	0	20.04	19.91	19.84	21.3
5	64QAM	12	7	20.03	19.94	19.87	
5	64QAM	12	13	20.01	19.92	19.87	
5	64QAM	25	0	20.03	19.92	19.85	
5	256QAM	1	0	19.03	19.04	18.91	20.3
5	256QAM	1	12	19.06	18.97	18.91	
5	256QAM	1	24	19.22	19.05	19.16	
5	256QAM	12	0	19.05	18.90	18.96	20.3
5	256QAM	12	7	19.09	18.94	18.97	
5	256QAM	12	13	19.13	18.98	19.09	
5	256QAM	25	0	19.05	18.92	18.88	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.05	19.88	19.82	21.3
3	QPSK	1	8	19.98	19.80	19.79	
3	QPSK	1	14	20.04	19.86	19.82	
3	QPSK	8	0	20.03	19.88	19.84	21.3
3	QPSK	8	4	20.04	19.88	19.85	
3	QPSK	8	7	20.08	19.91	19.88	
3	QPSK	15	0	20.06	19.90	19.88	
3	16QAM	1	0	20.26	20.10	20.10	21.3
3	16QAM	1	8	20.21	20.05	20.01	
3	16QAM	1	14	20.23	20.07	20.07	
3	16QAM	8	0	20.07	19.91	19.87	21.3
3	16QAM	8	4	20.06	19.95	19.91	
3	16QAM	8	7	20.08	19.98	19.91	
3	16QAM	15	0	20.02	19.94	19.88	
3	64QAM	1	0	20.16	20.06	19.98	21.3
3	64QAM	1	8	20.12	20.00	19.96	
3	64QAM	1	14	20.15	20.03	20.00	
3	64QAM	8	0	20.02	19.95	19.90	21.3
3	64QAM	8	4	20.01	19.95	19.88	
3	64QAM	8	7	20.02	19.95	19.89	
3	64QAM	15	0	19.99	19.91	19.85	
3	256QAM	1	0	19.07	18.98	18.85	20.3
3	256QAM	1	8	19.06	18.99	18.93	
3	256QAM	1	14	19.18	19.11	19.07	
3	256QAM	8	0	19.05	18.93	18.90	20.3
3	256QAM	8	4	19.11	19.00	18.92	
3	256QAM	8	7	19.09	19.01	19.10	
3	256QAM	15	0	19.11	18.90	18.88	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.03	19.87	19.84	21.3
1.4	QPSK	1	3	19.99	19.77	19.77	
1.4	QPSK	1	5	20.07	19.85	19.85	
1.4	QPSK	3	0	20.02	19.86	19.85	
1.4	QPSK	3	1	20.11	19.93	19.88	
1.4	QPSK	3	3	20.01	19.90	19.84	
1.4	QPSK	6	0	20.04	19.90	19.80	21.3
1.4	16QAM	1	0	20.30	20.20	20.10	21.3
1.4	16QAM	1	3	20.24	20.14	20.07	
1.4	16QAM	1	5	20.27	20.13	20.09	
1.4	16QAM	3	0	20.08	19.96	19.90	
1.4	16QAM	3	1	20.06	19.95	19.91	
1.4	16QAM	3	3	20.09	19.93	19.89	
1.4	16QAM	6	0	20.07	19.93	19.85	21.3
1.4	64QAM	1	0	20.21	20.04	20.03	21.3
1.4	64QAM	1	3	20.07	19.96	19.88	
1.4	64QAM	1	5	20.17	20.08	19.97	
1.4	64QAM	3	0	20.11	19.93	19.87	
1.4	64QAM	3	1	20.16	19.95	19.93	
1.4	64QAM	3	3	20.11	19.98	19.90	
1.4	64QAM	6	0	20.01	19.89	19.84	21.3
1.4	256QAM	1	0	19.05	19.02	18.89	20.3
1.4	256QAM	1	3	19.11	18.99	18.95	
1.4	256QAM	1	5	19.14	19.08	19.11	
1.4	256QAM	3	0	19.08	18.90	18.94	20.3
1.4	256QAM	3	1	19.04	18.91	18.97	
1.4	256QAM	3	3	19.10	19.01	19.03	
1.4	256QAM	6	0	19.06	18.99	18.88	20.3

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.53	21.30	21.33	22.4
20	QPSK	1	49	21.45	21.29	21.27	
20	QPSK	1	99	21.46	21.30	21.27	
20	QPSK	50	0	21.49	21.39	21.39	22.4
20	QPSK	50	24	21.51	21.42	21.38	
20	QPSK	50	50	21.48	21.40	21.33	
20	QPSK	100	0	21.45	21.41	21.35	
20	16QAM	1	0	21.67	21.73	21.61	22.4
20	16QAM	1	49	21.74	21.57	21.49	
20	16QAM	1	99	21.68	21.59	21.59	
20	16QAM	50	0	21.47	21.39	21.37	22.4
20	16QAM	50	24	21.48	21.40	21.36	
20	16QAM	50	50	21.49	21.38	21.33	
20	16QAM	100	0	21.45	21.37	21.33	
20	64QAM	1	0	21.55	21.63	21.49	22.4
20	64QAM	1	49	21.55	21.47	21.44	
20	64QAM	1	99	21.64	21.49	21.52	
20	64QAM	50	0	21.46	21.40	21.36	21.9
20	64QAM	50	24	21.49	21.40	21.38	
20	64QAM	50	50	21.46	21.40	21.35	
20	64QAM	100	0	21.43	21.38	21.34	
20	256QAM	1	0	19.02	18.94	18.90	19.9
20	256QAM	1	49	19.08	19.02	18.97	
20	256QAM	1	99	19.24	18.89	19.07	
20	256QAM	50	0	18.92	18.95	18.81	19.9
20	256QAM	50	24	19.13	18.91	18.85	
20	256QAM	50	50	19.14	18.87	18.84	
20	256QAM	100	0	19.00	18.89	18.84	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.33	21.30	21.34	22.4
15	QPSK	1	37	21.25	21.25	21.26	
15	QPSK	1	74	21.35	21.30	21.28	
15	QPSK	36	0	21.38	21.39	21.36	22.4
15	QPSK	36	20	21.39	21.38	21.34	
15	QPSK	36	39	21.40	21.38	21.32	
15	QPSK	75	0	21.37	21.39	21.33	
15	16QAM	1	0	21.59	21.73	21.55	22.4
15	16QAM	1	37	21.73	21.68	21.68	
15	16QAM	1	74	21.68	21.57	21.61	
15	16QAM	36	0	21.36	21.36	21.35	22.4
15	16QAM	36	20	21.42	21.35	21.34	
15	16QAM	36	39	21.40	21.34	21.33	
15	16QAM	75	0	21.38	21.35	21.31	
15	64QAM	1	0	21.44	21.59	21.49	22.4
15	64QAM	1	37	21.54	21.56	21.60	
15	64QAM	1	74	21.55	21.45	21.52	
15	64QAM	36	0	21.36	21.37	21.33	21.9
15	64QAM	36	20	21.36	21.35	21.35	
15	64QAM	36	39	21.40	21.34	21.33	
15	64QAM	75	0	21.35	21.37	21.31	
15	256QAM	1	0	18.99	18.98	18.93	19.9
15	256QAM	1	37	19.14	19.04	18.91	
15	256QAM	1	74	19.18	18.97	19.12	
15	256QAM	36	0	18.98	19.00	18.88	19.9
15	256QAM	36	20	19.12	18.92	18.89	
15	256QAM	36	39	19.10	18.89	18.93	
15	256QAM	75	0	19.02	18.89	18.84	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.33	21.27	21.33	22.4
10	QPSK	1	25	21.30	21.26	21.27	
10	QPSK	1	49	21.33	21.31	21.28	
10	QPSK	25	0	21.33	21.33	21.33	22.4
10	QPSK	25	12	21.35	21.34	21.31	
10	QPSK	25	25	21.35	21.36	21.35	
10	QPSK	50	0	21.34	21.37	21.32	
10	16QAM	1	0	21.58	21.63	21.60	22.4
10	16QAM	1	25	21.58	21.58	21.62	
10	16QAM	1	49	21.64	21.63	21.66	
10	16QAM	25	0	21.33	21.36	21.32	22.4
10	16QAM	25	12	21.35	21.36	21.32	
10	16QAM	25	25	21.36	21.35	21.31	
10	16QAM	50	0	21.35	21.36	21.32	
10	64QAM	1	0	21.46	21.52	21.40	22.4
10	64QAM	1	25	21.47	21.47	21.40	
10	64QAM	1	49	21.55	21.43	21.42	
10	64QAM	25	0	21.34	21.34	21.33	21.9
10	64QAM	25	12	21.36	21.35	21.32	
10	64QAM	25	25	21.37	21.35	21.31	
10	64QAM	50	0	21.36	21.38	21.32	
10	256QAM	1	0	19.02	18.91	18.86	19.9
10	256QAM	1	25	19.11	19.06	18.92	
10	256QAM	1	49	19.15	18.88	19.12	
10	256QAM	25	0	18.99	19.00	18.81	19.9
10	256QAM	25	12	19.07	18.95	18.88	
10	256QAM	25	25	19.10	18.92	18.87	
10	256QAM	50	0	19.07	18.99	18.90	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.33	21.28	21.31	22.4
5	QPSK	1	12	21.41	21.35	21.40	
5	QPSK	1	24	21.38	21.29	21.30	
5	QPSK	12	0	21.39	21.35	21.35	22.4
5	QPSK	12	7	21.42	21.34	21.35	
5	QPSK	12	13	21.40	21.34	21.34	
5	QPSK	25	0	21.35	21.34	21.32	
5	16QAM	1	0	21.56	21.60	21.62	22.4
5	16QAM	1	12	21.55	21.61	21.62	
5	16QAM	1	24	21.64	21.57	21.61	
5	16QAM	12	0	21.43	21.37	21.37	22.4
5	16QAM	12	7	21.44	21.37	21.38	
5	16QAM	12	13	21.44	21.36	21.37	
5	16QAM	25	0	21.37	21.34	21.31	
5	64QAM	1	0	21.45	21.44	21.45	22.4
5	64QAM	1	12	21.48	21.39	21.45	
5	64QAM	1	24	21.50	21.40	21.43	
5	64QAM	12	0	21.38	21.34	21.36	21.9
5	64QAM	12	7	21.38	21.39	21.38	
5	64QAM	12	13	21.40	21.36	21.36	
5	64QAM	25	0	21.37	21.36	21.33	
5	256QAM	1	0	19.00	18.94	18.84	19.9
5	256QAM	1	12	19.12	19.00	18.89	
5	256QAM	1	24	19.23	18.90	19.08	
5	256QAM	12	0	18.98	18.91	18.89	19.9
5	256QAM	12	7	19.10	18.98	18.90	
5	256QAM	12	13	19.08	18.94	18.86	
5	256QAM	25	0	19.04	18.89	18.83	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.38	21.28	21.32	22.4
3	QPSK	1	8	21.34	21.23	21.26	
3	QPSK	1	14	21.39	21.31	21.31	
3	QPSK	8	0	21.42	21.33	21.34	22.4
3	QPSK	8	4	21.40	21.30	21.33	
3	QPSK	8	7	21.42	21.35	21.35	
3	QPSK	15	0	21.42	21.37	21.35	
3	16QAM	1	0	21.60	21.57	21.52	22.4
3	16QAM	1	8	21.59	21.49	21.53	
3	16QAM	1	14	21.63	21.52	21.55	
3	16QAM	8	0	21.43	21.36	21.36	22.4
3	16QAM	8	4	21.43	21.34	21.37	
3	16QAM	8	7	21.47	21.40	21.39	
3	16QAM	15	0	21.41	21.36	21.35	
3	64QAM	1	0	21.50	21.46	21.46	22.4
3	64QAM	1	8	21.44	21.39	21.42	
3	64QAM	1	14	21.52	21.42	21.47	
3	64QAM	8	0	21.41	21.35	21.36	21.9
3	64QAM	8	4	21.44	21.33	21.34	
3	64QAM	8	7	21.42	21.34	21.37	
3	64QAM	15	0	21.40	21.34	21.35	
3	256QAM	1	0	19.00	18.96	18.93	19.9
3	256QAM	1	8	19.14	18.99	18.90	
3	256QAM	1	14	19.17	18.98	19.08	
3	256QAM	8	0	18.97	18.95	18.89	19.9
3	256QAM	8	4	19.04	18.90	18.81	
3	256QAM	8	7	19.12	18.90	18.85	
3	256QAM	15	0	19.07	18.94	18.88	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.39	21.29	21.31	22.4
1.4	QPSK	1	3	21.32	21.21	21.23	
1.4	QPSK	1	5	21.39	21.29	21.28	
1.4	QPSK	3	0	21.39	21.28	21.30	
1.4	QPSK	3	1	21.40	21.30	21.34	
1.4	QPSK	3	3	21.36	21.28	21.29	
1.4	QPSK	6	0	21.37	21.31	21.29	22.4
1.4	16QAM	1	0	21.64	21.54	21.62	22.4
1.4	16QAM	1	3	21.59	21.43	21.53	
1.4	16QAM	1	5	21.62	21.50	21.59	
1.4	16QAM	3	0	21.43	21.35	21.36	
1.4	16QAM	3	1	21.45	21.33	21.40	
1.4	16QAM	3	3	21.42	21.31	21.33	
1.4	16QAM	6	0	21.44	21.36	21.35	22.4
1.4	64QAM	1	0	21.54	21.46	21.50	22.4
1.4	64QAM	1	3	21.49	21.40	21.41	
1.4	64QAM	1	5	21.52	21.48	21.50	
1.4	64QAM	3	0	21.44	21.35	21.37	
1.4	64QAM	3	1	21.44	21.40	21.43	
1.4	64QAM	3	3	21.44	21.36	21.40	
1.4	64QAM	6	0	21.39	21.29	21.25	22.4
1.4	256QAM	1	0	18.98	18.94	18.86	19.9
1.4	256QAM	1	3	19.11	18.99	18.96	
1.4	256QAM	1	5	19.19	18.97	19.11	
1.4	256QAM	3	0	18.96	18.98	18.84	
1.4	256QAM	3	1	19.07	18.97	18.87	
1.4	256QAM	3	3	19.10	18.84	18.91	
1.4	256QAM	6	0	19.04	18.95	18.83	19.9

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.01	19.99	20.02	21
20	QPSK	1	49	20.00	19.95	20.01	
20	QPSK	1	99	20.00	19.95	20.00	
20	QPSK	50	0	20.05	20.02	20.09	21
20	QPSK	50	24	20.10	20.03	20.17	
20	QPSK	50	50	20.09	20.02	20.13	
20	QPSK	100	0	20.07	20.02	20.18	
20	16QAM	1	0	20.12	20.15	20.19	21
20	16QAM	1	49	20.18	20.17	20.13	
20	16QAM	1	99	20.18	20.17	20.13	
20	16QAM	50	0	20.06	20.01	20.10	21
20	16QAM	50	24	20.09	20.04	20.14	
20	16QAM	50	50	20.09	20.03	20.13	
20	16QAM	100	0	20.04	19.97	20.09	
20	64QAM	1	0	20.09	20.09	20.12	21
20	64QAM	1	49	20.16	20.12	20.12	
20	64QAM	1	99	20.15	20.13	20.17	
20	64QAM	50	0	20.10	20.04	20.12	21
20	64QAM	50	24	20.11	20.09	20.15	
20	64QAM	50	50	20.09	20.08	20.15	
20	64QAM	100	0	20.05	20.02	20.10	
20	256QAM	1	0	19.26	19.21	19.16	20
20	256QAM	1	49	19.19	19.03	19.04	
20	256QAM	1	99	19.06	19.03	19.11	
20	256QAM	50	0	19.18	18.96	19.02	20
20	256QAM	50	24	19.26	18.96	19.09	
20	256QAM	50	50	19.06	18.87	18.98	
20	256QAM	100	0	19.15	18.97	19.05	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.94	19.91	20.01	21
15	QPSK	1	37	19.98	19.83	20.01	
15	QPSK	1	74	19.98	20.00	20.07	
15	QPSK	36	0	20.01	20.01	20.08	21
15	QPSK	36	20	20.03	20.02	20.08	
15	QPSK	36	39	20.04	20.03	20.11	
15	QPSK	75	0	20.01	20.01	20.11	
15	16QAM	1	0	20.11	20.11	20.10	21
15	16QAM	1	37	20.15	20.11	20.10	
15	16QAM	1	74	20.17	20.14	20.10	
15	16QAM	36	0	20.01	20.00	20.05	21
15	16QAM	36	20	20.03	20.02	20.04	
15	16QAM	36	39	20.03	20.05	20.10	
15	16QAM	75	0	20.01	20.01	20.07	
15	64QAM	1	0	20.15	20.07	20.11	21
15	64QAM	1	37	20.11	20.13	20.15	
15	64QAM	1	74	20.15	20.17	20.10	
15	64QAM	36	0	19.99	19.99	20.06	21
15	64QAM	36	20	20.02	20.01	20.05	
15	64QAM	36	39	20.03	20.05	20.09	
15	64QAM	75	0	20.01	19.98	20.07	
15	256QAM	1	0	19.23	19.19	19.24	20
15	256QAM	1	37	19.18	19.00	19.07	
15	256QAM	1	74	19.06	18.99	19.11	
15	256QAM	36	0	19.17	19.03	19.09	20
15	256QAM	36	20	19.21	18.97	19.08	
15	256QAM	36	39	19.04	18.85	19.02	
15	256QAM	75	0	19.16	19.07	19.02	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.89	19.82	20.00	21
10	QPSK	1	25	19.97	19.80	19.93	
10	QPSK	1	49	19.91	19.98	20.03	
10	QPSK	25	0	20.00	19.93	19.98	21
10	QPSK	25	12	19.95	19.92	19.99	
10	QPSK	25	25	19.94	19.99	20.06	
10	QPSK	50	0	19.96	19.98	20.11	
10	16QAM	1	0	20.11	20.14	20.14	21
10	16QAM	1	25	20.13	20.10	20.15	
10	16QAM	1	49	20.15	20.11	20.12	
10	16QAM	25	0	19.92	19.93	20.05	21
10	16QAM	25	12	19.96	19.98	20.01	
10	16QAM	25	25	19.96	20.01	20.07	
10	16QAM	50	0	19.99	19.97	20.04	
10	64QAM	1	0	20.09	20.07	20.15	21
10	64QAM	1	25	20.03	20.19	20.06	
10	64QAM	1	49	20.16	20.10	20.15	
10	64QAM	25	0	19.99	19.98	19.97	21
10	64QAM	25	12	19.96	19.96	19.99	
10	64QAM	25	25	20.00	19.98	20.03	
10	64QAM	50	0	20.01	19.91	19.99	
10	256QAM	1	0	19.22	19.10	19.21	20
10	256QAM	1	25	19.09	18.90	19.04	
10	256QAM	1	49	19.05	18.99	19.08	
10	256QAM	25	0	19.09	18.98	19.06	20
10	256QAM	25	12	19.13	18.95	18.99	
10	256QAM	25	25	19.00	18.85	18.94	
10	256QAM	50	0	19.10	18.99	19.00	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.89	19.82	20.00	21
5	QPSK	1	12	19.97	19.80	19.93	
5	QPSK	1	24	19.91	19.98	20.03	
5	QPSK	12	0	20.00	19.93	19.98	21
5	QPSK	12	7	19.95	19.92	19.99	
5	QPSK	12	13	19.94	19.99	20.06	
5	QPSK	25	0	19.96	19.98	20.11	
5	16QAM	1	0	20.11	20.14	20.13	21
5	16QAM	1	12	20.13	20.09	20.13	
5	16QAM	1	24	20.10	20.03	20.10	
5	16QAM	12	0	19.92	19.93	20.05	21
5	16QAM	12	7	19.96	19.98	20.01	
5	16QAM	12	13	19.96	20.01	20.07	
5	16QAM	25	0	19.99	19.97	20.04	
5	64QAM	1	0	20.09	20.07	20.15	21
5	64QAM	1	12	20.03	20.19	20.06	
5	64QAM	1	24	20.16	20.11	20.12	
5	64QAM	12	0	19.99	19.98	19.97	21
5	64QAM	12	7	19.96	19.96	19.99	
5	64QAM	12	13	20.00	19.98	20.03	
5	64QAM	25	0	20.01	19.91	19.99	
5	256QAM	1	0	19.22	19.10	19.21	20
5	256QAM	1	12	19.09	18.90	19.04	
5	256QAM	1	24	19.05	18.99	19.08	
5	256QAM	12	0	19.09	18.98	19.06	20
5	256QAM	12	7	19.13	18.95	18.99	
5	256QAM	12	13	19.00	18.85	18.94	
5	256QAM	25	0	19.10	18.99	19.00	

Band 25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	20.30	20.29	20.18	21.3
20	QPSK	1	49	20.19	20.26	20.08	
20	QPSK	1	99	20.27	20.22	20.08	
20	QPSK	50	0	20.40	20.31	20.09	21.3
20	QPSK	50	24	20.41	20.34	20.22	
20	QPSK	50	50	20.37	20.30	20.12	
20	QPSK	100	0	20.39	20.33	20.11	
20	16QAM	1	0	20.66	20.58	20.37	21.3
20	16QAM	1	49	20.59	20.51	20.35	
20	16QAM	1	99	20.60	20.52	20.34	
20	16QAM	50	0	20.37	20.29	20.03	21.3
20	16QAM	50	24	20.39	20.28	20.06	
20	16QAM	50	50	20.36	20.25	20.06	
20	16QAM	100	0	20.37	20.25	20.06	
20	64QAM	1	0	20.51	20.43	20.18	21.3
20	64QAM	1	49	20.49	20.41	20.22	
20	64QAM	1	99	20.48	20.40	20.23	
20	64QAM	50	0	20.37	20.29	20.05	21.3
20	64QAM	50	24	20.43	20.29	20.09	
20	64QAM	50	50	20.45	20.26	20.09	
20	64QAM	100	0	20.44	20.27	20.06	
20	256QAM	1	0	19.02	18.91	18.90	20.3
20	256QAM	1	49	19.02	19.03	18.93	
20	256QAM	1	99	19.07	19.03	19.11	
20	256QAM	50	0	18.97	18.80	18.95	20.3
20	256QAM	50	24	19.06	18.97	18.85	
20	256QAM	50	50	19.13	18.81	18.94	
20	256QAM	100	0	19.05	18.88	18.93	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	20.22	20.14	19.94	21.3
15	QPSK	1	37	20.14	20.02	19.89	
15	QPSK	1	74	20.24	20.12	19.93	
15	QPSK	36	0	20.29	20.20	19.96	21.3
15	QPSK	36	20	20.23	20.18	19.97	
15	QPSK	36	39	20.21	20.19	19.99	
15	QPSK	75	0	20.27	20.20	19.98	
15	16QAM	1	0	20.39	20.38	20.25	21.3
15	16QAM	1	37	20.44	20.36	20.34	
15	16QAM	1	74	20.37	20.32	20.10	
15	16QAM	36	0	20.22	20.18	19.89	21.3
15	16QAM	36	20	20.20	20.18	19.91	
15	16QAM	36	39	20.22	20.15	19.92	
15	16QAM	75	0	20.21	20.17	19.89	
15	64QAM	1	0	20.34	20.32	20.01	21.3
15	64QAM	1	37	20.23	20.27	20.10	
15	64QAM	1	74	20.28	20.35	20.03	
15	64QAM	36	0	20.15	20.18	19.93	21.3
15	64QAM	36	20	20.16	20.16	19.91	
15	64QAM	36	39	20.21	20.17	19.92	
15	64QAM	75	0	20.20	20.18	19.89	
15	256QAM	1	0	19.00	18.90	18.87	20.3
15	256QAM	1	37	19.05	19.04	18.95	
15	256QAM	1	74	19.14	19.12	19.12	
15	256QAM	36	0	18.99	18.81	18.92	20.3
15	256QAM	36	20	18.98	18.93	18.86	
15	256QAM	36	39	19.05	18.90	18.93	
15	256QAM	75	0	18.99	18.91	18.85	
Channel				26090	26340	26840	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	20.05	20.02	19.94	21.3
10	QPSK	1	25	20.07	19.96	19.92	
10	QPSK	1	49	20.09	19.99	19.94	
10	QPSK	25	0	20.13	20.08	20.00	21.3
10	QPSK	25	12	20.12	20.10	20.02	
10	QPSK	25	25	20.14	20.11	20.01	
10	QPSK	50	0	20.15	20.17	20.01	
10	16QAM	1	0	20.40	20.40	20.23	21.3
10	16QAM	1	25	20.36	20.41	20.14	
10	16QAM	1	49	20.34	20.34	20.20	
10	16QAM	25	0	20.11	20.12	19.94	21.3
10	16QAM	25	12	20.13	20.13	19.93	
10	16QAM	25	25	20.12	20.12	19.96	
10	16QAM	50	0	20.14	20.14	19.93	
10	64QAM	1	0	20.32	20.32	20.07	21.3
10	64QAM	1	25	20.17	20.25	20.03	
10	64QAM	1	49	20.38	20.24	20.01	
10	64QAM	25	0	20.12	20.13	19.93	21.3
10	64QAM	25	12	20.10	20.12	19.93	
10	64QAM	25	25	20.12	20.12	19.93	
10	64QAM	50	0	20.16	20.15	19.94	
10	256QAM	1	0	18.98	18.89	18.92	20.3
10	256QAM	1	25	19.00	18.96	18.96	
10	256QAM	1	49	19.13	19.09	19.07	
10	256QAM	25	0	19.02	18.81	18.88	20.3
10	256QAM	25	12	19.06	18.96	18.88	
10	256QAM	25	25	19.10	18.85	18.97	
10	256QAM	50	0	19.00	18.87	18.92	
Channel				26065	26340	26865	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	20.10	20.09	19.96	21.3
5	QPSK	1	12	20.15	20.15	20.01	
5	QPSK	1	24	20.14	20.08	19.90	
5	QPSK	12	0	20.15	20.13	19.95	21.3
5	QPSK	12	7	20.18	20.12	19.95	
5	QPSK	12	13	20.15	20.12	19.94	
5	QPSK	25	0	20.16	20.14	19.95	
5	16QAM	1	0	20.40	20.35	20.17	21.3
5	16QAM	1	12	20.42	20.43	20.22	
5	16QAM	1	24	20.34	20.33	20.11	
5	16QAM	12	0	20.20	20.14	19.96	21.3
5	16QAM	12	7	20.17	20.15	19.98	
5	16QAM	12	13	20.17	20.15	19.96	
5	16QAM	25	0	20.15	20.15	19.94	
5	64QAM	1	0	20.29	20.18	20.01	21.3
5	64QAM	1	12	20.32	20.07	19.87	
5	64QAM	1	24	20.30	20.17	20.06	
5	64QAM	12	0	20.16	20.12	19.93	21.3
5	64QAM	12	7	20.15	20.12	19.93	
5	64QAM	12	13	20.17	20.11	19.93	
5	64QAM	25	0	20.14	20.11	19.94	
5	256QAM	1	0	18.98	18.90	18.83	20.3
5	256QAM	1	12	18.96	18.97	18.91	
5	256QAM	1	24	19.13	19.04	19.06	
5	256QAM	12	0	19.02	18.89	18.94	20.3
5	256QAM	12	7	19.00	18.92	18.81	
5	256QAM	12	13	19.08	18.91	18.95	
5	256QAM	25	0	19.05	18.85	18.92	
Channel				26055	26340	26625	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	20.19	20.07	19.94	21.3
3	QPSK	1	8	20.14	20.00	19.88	
3	QPSK	1	14	20.19	20.05	19.93	
3	QPSK	8	0	20.21	20.14	19.95	21.3
3	QPSK	8	4	20.20	20.16	19.93	
3	QPSK	8	7	20.23	20.16	19.89	
3	QPSK	15	0	20.22	20.16	19.90	
3	16QAM	1	0	20.43	20.39	20.16	21.3
3	16QAM	1	8	20.38	20.35	20.09	
3	16QAM	1	14	20.42	20.33	20.07	
3	16QAM	8	0	20.24	20.18	19.93	21.3
3	16QAM	8	4	20.27	20.18	19.99	
3	16QAM	8	7	20.25	20.20	19.94	
3	16QAM	15	0	20.21	20.16	19.88	
3	64QAM	1	0	20.34	20.25	19.94	21.3
3	64QAM	1	8	20.30	20.16	19.93	
3	64QAM	1	14	20.33	20.22	19.98	
3	64QAM	8	0	20.21	20.17	19.89	21.3
3	64QAM	8	4	20.22	20.15	19.90	
3	64QAM	8	7	20.24	20.20	19.95	
3	64QAM	15	0	20.20	20.13	19.88	
3	256QAM	1	0	19.02	18.95	18.88	20.3
3	256QAM	1	8	18.98	18.95	18.98	
3	256QAM	1	14	19.05	19.03	19.10	
3	256QAM	8	0	19.00	18.84	18.91	20.3
3	256QAM	8	4	19.00	18.97	18.82	
3	256QAM	8	7	19.15	18.85	19.00	
3	256QAM	15	0	19.02	18.92	18.84	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	20.19	20.04	19.91	21.3
1.4	QPSK	1	3	20.13	19.94	19.84	
1.4	QPSK	1	5	20.21	20.11	19.89	
1.4	QPSK	3	0	20.21	20.08	19.91	
1.4	QPSK	3	1	20.25	20.17	19.87	
1.4	QPSK	3	3	20.18	20.10	19.84	
1.4	QPSK	6	0	20.20	20.11	19.84	21.3
1.4	16QAM	1	0	20.49	20.38	20.14	21.3
1.4	16QAM	1	3	20.41	20.30	20.07	
1.4	16QAM	1	5	20.46	20.42	20.10	
1.4	16QAM	3	0	20.29	20.20	19.96	
1.4	16QAM	3	1	20.26	20.22	19.97	
1.4	16QAM	3	3	20.25	20.18	19.90	
1.4	16QAM	6	0	20.24	20.13	19.90	21.3
1.4	64QAM	1	0	20.37	20.29	20.00	21.3
1.4	64QAM	1	3	20.30	20.15	19.91	
1.4	64QAM	1	5	20.39	20.24	19.95	
1.4	64QAM	3	0	20.23	20.12	19.82	
1.4	64QAM	3	1	20.28	20.16	19.83	
1.4	64QAM	3	3	20.29	20.14	19.84	
1.4	64QAM	6	0	20.23	20.10	19.79	21.3
1.4	256QAM	1	0	19.00	18.99	18.88	20.3
1.4	256QAM	1	3	18.95	19.01	18.94	
1.4	256QAM	1	5	19.05	19.06	19.05	
1.4	256QAM	3	0	18.93	18.83	18.97	
1.4	256QAM	3	1	19.05	18.98	18.90	
1.4	256QAM	3	3	19.12	18.88	18.94	
1.4	256QAM	6	0	19.07	18.93	18.88	20.3

Band 30_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.41		22.6
10	QPSK	1	25		21.40		
10	QPSK	1	49		21.40		
10	QPSK	25	0		20.68		21.6
10	QPSK	25	12		20.68		
10	QPSK	25	25		20.69		
10	QPSK	50	0		20.69		
10	16QAM	1	0		21.63		21.6
10	16QAM	1	25		21.55		
10	16QAM	1	49		21.51		
10	16QAM	25	0		20.73		21.6
10	16QAM	25	12		20.75		
10	16QAM	25	25		20.72		
10	16QAM	50	0		20.73		
10	64QAM	1	0		21.50		22.6
10	64QAM	1	25		21.41		
10	64QAM	1	49		21.43		
10	64QAM	25	0		20.73		21.6
10	64QAM	25	12		20.74		
10	64QAM	25	25		20.73		
10	64QAM	50	0		20.76		
10	256QAM	1	0		18.63		19.6
10	256QAM	1	25		18.52		
10	256QAM	1	49		18.47		
10	256QAM	25	0		18.55		19.6
10	256QAM	25	12		18.49		
10	256QAM	25	25		18.41		
10	256QAM	50	0		18.55		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.42	21.43	21.43	22.6
5	QPSK	1	12	21.43	21.45	21.43	
5	QPSK	1	24	21.41	21.43	21.42	
5	QPSK	12	0	20.75	20.72	20.67	21.6
5	QPSK	12	7	20.79	20.74	20.67	
5	QPSK	12	13	20.76	20.72	20.67	
5	QPSK	25	0	20.74	20.69	20.63	
5	16QAM	1	0	21.56	21.55	21.49	21.6
5	16QAM	1	12	21.59	21.59	21.58	
5	16QAM	1	24	21.57	21.53	21.39	
5	16QAM	12	0	20.79	20.78	20.73	21.6
5	16QAM	12	7	20.81	20.77	20.73	
5	16QAM	12	13	20.83	20.79	20.73	
5	16QAM	25	0	20.77	20.73	20.68	
5	64QAM	1	0	21.44	21.46	21.42	22.6
5	64QAM	1	12	21.50	21.47	21.43	
5	64QAM	1	24	21.47	21.39	21.33	
5	64QAM	12	0	20.80	20.79	20.73	21.6
5	64QAM	12	7	20.82	20.78	20.73	
5	64QAM	12	13	20.81	20.79	20.71	
5	64QAM	25	0	20.77	20.73	20.68	
5	256QAM	1	0	18.65	18.60	18.69	19.6
5	256QAM	1	12	18.30	18.44	18.43	
5	256QAM	1	24	18.50	18.31	18.32	
5	256QAM	12	0	18.62	18.46	18.58	19.6
5	256QAM	12	7	18.43	18.33	18.44	
5	256QAM	12	13	18.35	18.26	18.24	
5	256QAM	25	0	18.57	18.47	18.59	

Band 66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.04	21.03	20.97	22.4
20	QPSK	1	49	21.02	20.98	20.91	
20	QPSK	1	99	21.03	20.96	20.98	
20	QPSK	50	0	21.12	21.07	21.02	22.4
20	QPSK	50	24	21.15	21.08	21.04	
20	QPSK	50	50	21.14	21.01	21.01	
20	QPSK	100	0	21.13	21.04	21.01	
20	16QAM	1	0	21.32	21.25	21.28	22.4
20	16QAM	1	49	21.34	21.21	21.16	
20	16QAM	1	99	21.40	21.32	21.28	
20	16QAM	50	0	21.13	21.04	20.97	22.4
20	16QAM	50	24	21.13	21.05	21.01	
20	16QAM	50	50	21.15	21.05	21.00	
20	16QAM	100	0	21.13	21.02	21.00	
20	64QAM	1	0	21.23	21.13	21.14	22.4
20	64QAM	1	49	21.27	21.06	21.02	
20	64QAM	1	99	21.29	21.16	21.07	
20	64QAM	50	0	21.13	21.08	20.99	21.9
20	64QAM	50	24	21.16	21.06	21.01	
20	64QAM	50	50	21.16	21.04	21.00	
20	64QAM	100	0	21.13	21.02	20.96	
20	256QAM	1	0	18.81	18.76	18.67	19.9
20	256QAM	1	49	18.86	18.78	18.71	
20	256QAM	1	99	18.94	18.76	18.93	
20	256QAM	50	0	18.77	18.64	18.59	19.9
20	256QAM	50	24	18.82	18.71	18.66	
20	256QAM	50	50	18.83	18.64	18.68	
20	256QAM	100	0	18.80	18.63	18.63	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.99	20.99	20.92	22.4
15	QPSK	1	37	20.98	20.91	20.83	
15	QPSK	1	74	21.05	20.93	20.92	
15	QPSK	36	0	21.07	21.02	20.97	22.4
15	QPSK	36	20	21.09	21.03	20.97	
15	QPSK	36	39	21.09	21.01	20.97	
15	QPSK	75	0	21.09	21.04	20.99	
15	16QAM	1	0	21.30	21.26	21.17	22.4
15	16QAM	1	37	21.39	21.32	21.19	
15	16QAM	1	74	21.38	21.27	21.25	
15	16QAM	36	0	21.05	21.00	20.93	22.4
15	16QAM	36	20	21.08	21.01	20.94	
15	16QAM	36	39	21.10	21.02	20.96	
15	16QAM	75	0	21.07	20.99	20.95	
15	64QAM	1	0	21.19	21.11	21.03	22.4
15	64QAM	1	37	21.33	21.19	21.09	
15	64QAM	1	74	21.31	21.14	21.08	
15	64QAM	36	0	21.08	21.01	20.94	21.9
15	64QAM	36	20	21.07	21.01	20.93	
15	64QAM	36	39	21.10	21.02	20.97	
15	64QAM	75	0	21.07	21.00	20.95	
15	256QAM	1	0	18.84	18.74	18.70	19.9
15	256QAM	1	37	18.84	18.69	18.69	
15	256QAM	1	74	19.01	18.79	18.93	
15	256QAM	36	0	18.74	18.67	18.60	19.9
15	256QAM	36	20	18.84	18.62	18.72	
15	256QAM	36	39	18.87	18.70	18.69	
15	256QAM	75	0	18.76	18.67	18.70	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.00	20.98	20.89	22.4
10	QPSK	1	25	21.00	20.94	20.87	
10	QPSK	1	49	21.03	20.96	20.93	
10	QPSK	25	0	21.02	21.01	20.95	22.4
10	QPSK	25	12	21.02	20.98	20.93	
10	QPSK	25	25	21.04	20.98	20.94	
10	QPSK	50	0	21.05	21.00	20.96	
10	16QAM	1	0	21.27	21.26	21.17	22.4
10	16QAM	1	25	21.28	21.22	21.19	
10	16QAM	1	49	21.37	21.34	21.27	
10	16QAM	25	0	21.04	21.02	20.93	22.4
10	16QAM	25	12	21.05	21.01	20.94	
10	16QAM	25	25	21.06	21.02	20.94	
10	16QAM	50	0	21.04	21.03	20.93	
10	64QAM	1	0	21.17	21.17	21.07	22.4
10	64QAM	1	25	21.13	21.10	21.06	
10	64QAM	1	49	21.21	21.17	21.11	
10	64QAM	25	0	21.02	21.01	20.93	21.9
10	64QAM	25	12	21.05	21.00	20.96	
10	64QAM	25	25	21.06	21.02	20.94	
10	64QAM	50	0	21.06	21.02	20.94	
10	256QAM	1	0	18.79	18.68	18.72	19.9
10	256QAM	1	25	18.90	18.70	18.72	
10	256QAM	1	49	18.96	18.76	18.94	
10	256QAM	25	0	18.73	18.67	18.62	19.9
10	256QAM	25	12	18.85	18.63	18.67	
10	256QAM	25	25	18.88	18.73	18.73	
10	256QAM	50	0	18.80	18.62	18.70	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	21.01	20.99	20.95	22.4
5	QPSK	1	12	21.10	21.07	21.00	
5	QPSK	1	24	21.03	20.99	20.95	
5	QPSK	12	0	21.06	21.03	20.97	22.4
5	QPSK	12	7	21.07	21.04	20.98	
5	QPSK	12	13	21.07	21.03	20.96	
5	QPSK	25	0	21.05	21.01	20.93	
5	16QAM	1	0	21.31	21.30	21.22	22.4
5	16QAM	1	12	21.37	21.32	21.34	
5	16QAM	1	24	21.34	21.29	21.27	
5	16QAM	12	0	21.10	21.08	21.04	22.4
5	16QAM	12	7	21.13	21.09	21.04	
5	16QAM	12	13	21.12	21.10	21.03	
5	16QAM	25	0	21.08	21.04	20.97	
5	64QAM	1	0	21.12	21.16	21.07	22.4
5	64QAM	1	12	21.11	21.15	21.07	
5	64QAM	1	24	21.18	21.15	21.09	
5	64QAM	12	0	21.08	21.07	20.99	21.9
5	64QAM	12	7	21.09	21.07	21.02	
5	64QAM	12	13	21.07	21.05	21.02	
5	64QAM	25	0	21.06	21.02	20.95	
5	256QAM	1	0	18.81	18.67	18.67	19.9
5	256QAM	1	12	18.84	18.77	18.68	
5	256QAM	1	24	18.91	18.84	18.95	
5	256QAM	12	0	18.78	18.67	18.61	19.9
5	256QAM	12	7	18.81	18.63	18.72	
5	256QAM	12	13	18.86	18.73	18.71	
5	256QAM	25	0	18.77	18.63	18.69	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	21.10	21.02	20.97	22.4
3	QPSK	1	8	21.07	20.97	20.93	
3	QPSK	1	14	21.12	21.00	20.98	
3	QPSK	8	0	21.13	21.04	20.99	22.4
3	QPSK	8	4	21.13	21.03	20.97	
3	QPSK	8	7	21.15	21.06	21.01	
3	QPSK	15	0	21.13	21.05	21.01	
3	16QAM	1	0	21.36	21.27	21.21	22.4
3	16QAM	1	8	21.26	21.23	21.17	
3	16QAM	1	14	21.36	21.29	21.23	
3	16QAM	8	0	21.13	21.09	21.03	22.4
3	16QAM	8	4	21.14	21.08	21.03	
3	16QAM	8	7	21.17	21.10	21.05	
3	16QAM	15	0	21.14	21.05	21.02	
3	64QAM	1	0	21.19	21.17	21.06	22.4
3	64QAM	1	8	21.20	21.13	21.06	
3	64QAM	1	14	21.26	21.15	21.15	
3	64QAM	8	0	21.12	21.06	20.99	21.9
3	64QAM	8	4	21.13	21.05	21.00	
3	64QAM	8	7	21.15	21.09	21.05	
3	64QAM	15	0	21.13	21.06	20.99	
3	256QAM	1	0	18.81	18.70	18.72	19.9
3	256QAM	1	8	18.84	18.71	18.78	
3	256QAM	1	14	18.95	18.83	18.95	
3	256QAM	8	0	18.79	18.62	18.64	19.9
3	256QAM	8	4	18.85	18.66	18.67	
3	256QAM	8	7	18.83	18.69	18.68	
3	256QAM	15	0	18.78	18.58	18.67	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.12	21.02	20.98	22.4
1.4	QPSK	1	3	21.03	20.92	20.90	
1.4	QPSK	1	5	21.13	21.01	20.98	
1.4	QPSK	3	0	21.14	21.02	20.97	
1.4	QPSK	3	1	21.12	21.09	21.01	
1.4	QPSK	3	3	21.11	21.01	20.96	
1.4	QPSK	6	0	21.10	21.00	20.96	22.4
1.4	16QAM	1	0	21.37	21.29	21.21	22.4
1.4	16QAM	1	3	21.25	21.22	21.18	
1.4	16QAM	1	5	21.36	21.26	21.25	
1.4	16QAM	3	0	21.17	21.09	21.06	
1.4	16QAM	3	1	21.19	21.11	21.03	
1.4	16QAM	3	3	21.17	21.11	21.01	
1.4	16QAM	6	0	21.14	21.04	21.00	22.4
1.4	64QAM	1	0	21.25	21.15	21.13	22.4
1.4	64QAM	1	3	21.20	21.11	21.04	
1.4	64QAM	1	5	21.27	21.13	21.09	
1.4	64QAM	3	0	21.16	21.09	21.03	
1.4	64QAM	3	1	21.20	21.12	21.05	
1.4	64QAM	3	3	21.17	21.13	21.03	
1.4	64QAM	6	0	21.09	21.02	20.95	22.4
1.4	256QAM	1	0	18.82	18.74	18.72	19.9
1.4	256QAM	1	3	18.81	18.71	18.75	
1.4	256QAM	1	5	18.94	18.79	18.92	
1.4	256QAM	3	0	18.71	18.65	18.68	19.9
1.4	256QAM	3	1	18.80	18.63	18.63	
1.4	256QAM	3	3	18.86	18.63	18.77	
1.4	256QAM	6	0	18.72	18.63	18.70	19.9

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.60	23.64	23.54	25.2
20	QPSK	1	49	23.54	23.50	23.55	
20	QPSK	1	99	23.51	23.44	23.58	
20	QPSK	50	0	22.65	22.69	22.68	24.2
20	QPSK	50	24	22.64	22.63	22.67	
20	QPSK	50	50	22.62	22.62	22.67	
20	QPSK	100	0	22.63	22.66	22.65	
20	16QAM	1	0	22.86	22.87	22.82	24.2
20	16QAM	1	49	22.79	22.80	22.81	
20	16QAM	1	99	22.85	22.74	22.81	
20	16QAM	50	0	21.64	21.63	21.65	23.2
20	16QAM	50	24	21.67	21.63	21.69	
20	16QAM	50	50	21.64	21.60	21.70	
20	16QAM	100	0	21.63	21.63	21.67	
20	64QAM	1	0	21.78	21.79	21.72	23.2
20	64QAM	1	49	21.78	21.67	21.77	
20	64QAM	1	99	21.79	21.62	21.77	
20	64QAM	50	0	20.68	20.67	20.68	22.2
20	64QAM	50	24	20.70	20.67	20.72	
20	64QAM	50	50	20.68	20.62	20.73	
20	64QAM	100	0	20.67	20.64	20.69	
20	256QAM	1	0	18.46	18.52	18.59	20.2
20	256QAM	1	49	18.50	18.43	18.55	
20	256QAM	1	99	18.55	18.53	18.71	
20	256QAM	50	0	18.60	18.58	18.63	20.2
20	256QAM	50	24	18.66	18.55	18.68	
20	256QAM	50	50	18.65	18.58	18.72	
20	256QAM	100	0	18.64	18.58	18.65	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.51	23.63	23.61	25.2
15	QPSK	1	37	23.35	23.48	23.49	
15	QPSK	1	74	23.49	23.57	23.61	
15	QPSK	36	0	22.57	22.70	22.71	24.2
15	QPSK	36	20	22.57	22.70	22.73	
15	QPSK	36	39	22.57	22.68	22.74	
15	QPSK	75	0	22.58	22.71	22.71	
15	16QAM	1	0	22.69	22.95	22.91	24.2
15	16QAM	1	37	22.76	22.82	22.97	
15	16QAM	1	74	22.72	22.81	22.89	
15	16QAM	36	0	21.56	21.72	21.72	23.2
15	16QAM	36	20	21.57	21.69	21.74	
15	16QAM	36	39	21.57	21.69	21.75	
15	16QAM	75	0	21.55	21.71	21.73	
15	64QAM	1	0	21.66	21.82	21.75	23.2
15	64QAM	1	37	21.61	21.74	21.75	
15	64QAM	1	74	21.60	21.74	21.81	
15	64QAM	36	0	20.57	20.73	20.75	22.2
15	64QAM	36	20	20.59	20.71	20.77	
15	64QAM	36	39	20.57	20.69	20.80	
15	64QAM	75	0	20.56	20.71	20.74	
15	256QAM	1	0	18.41	18.45	18.55	20.2
15	256QAM	1	37	18.46	18.36	18.49	
15	256QAM	1	74	18.48	18.48	18.62	
15	256QAM	36	0	18.54	18.58	18.53	20.2
15	256QAM	36	20	18.60	18.51	18.65	
15	256QAM	36	39	18.56	18.50	18.63	
15	256QAM	75	0	18.56	18.51	18.63	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.51	23.59	23.60	25.2
10	QPSK	1	25	23.42	23.51	23.52	
10	QPSK	1	49	23.51	23.53	23.59	
10	QPSK	25	0	22.53	22.63	22.65	24.2
10	QPSK	25	12	22.54	22.61	22.64	
10	QPSK	25	25	22.57	22.61	22.67	
10	QPSK	50	0	22.58	22.64	22.68	
10	16QAM	1	0	22.77	22.88	22.88	24.2
10	16QAM	1	25	22.62	22.75	22.77	
10	16QAM	1	49	22.74	22.76	22.82	
10	16QAM	25	0	21.53	21.63	21.67	23.2
10	16QAM	25	12	21.56	21.63	21.67	
10	16QAM	25	25	21.57	21.62	21.71	
10	16QAM	50	0	21.56	21.63	21.70	
10	64QAM	1	0	21.66	21.68	21.74	23.2
10	64QAM	1	25	21.63	21.64	21.71	
10	64QAM	1	49	21.68	21.66	21.75	
10	64QAM	25	0	20.54	20.63	20.67	22.2
10	64QAM	25	12	20.54	20.62	20.67	
10	64QAM	25	25	20.57	20.64	20.69	
10	64QAM	50	0	20.58	20.64	20.71	
10	256QAM	1	0	18.39	18.42	18.52	20.2
10	256QAM	1	25	18.41	18.36	18.48	
10	256QAM	1	49	18.45	18.52	18.61	
10	256QAM	25	0	18.56	18.58	18.55	20.2
10	256QAM	25	12	18.58	18.49	18.63	
10	256QAM	25	25	18.59	18.54	18.66	
10	256QAM	50	0	18.59	18.57	18.63	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.48	23.55	23.60	25.2
5	QPSK	1	12	23.46	23.54	23.59	
5	QPSK	1	24	23.46	23.51	23.57	
5	QPSK	12	0	22.51	22.59	22.63	24.2
5	QPSK	12	7	22.52	22.61	22.65	
5	QPSK	12	13	22.52	22.57	22.64	
5	QPSK	25	0	22.54	22.61	22.65	
5	16QAM	1	0	22.67	22.77	22.84	24.2
5	16QAM	1	12	22.68	22.69	22.85	
5	16QAM	1	24	22.64	22.70	22.78	
5	16QAM	12	0	21.55	21.63	21.67	23.2
5	16QAM	12	7	21.57	21.65	21.67	
5	16QAM	12	13	21.57	21.63	21.68	
5	16QAM	25	0	21.54	21.63	21.67	
5	64QAM	1	0	21.59	21.71	21.78	23.2
5	64QAM	1	12	21.54	21.55	21.67	
5	64QAM	1	24	21.57	21.61	21.79	
5	64QAM	12	0	20.54	20.63	20.69	22.2
5	64QAM	12	7	20.56	20.62	20.69	
5	64QAM	12	13	20.55	20.60	20.66	
5	64QAM	25	0	20.54	20.62	20.69	
5	256QAM	1	0	18.40	18.44	18.54	20.2
5	256QAM	1	12	18.42	18.43	18.45	
5	256QAM	1	24	18.54	18.45	18.61	
5	256QAM	12	0	18.55	18.48	18.58	20.2
5	256QAM	12	7	18.57	18.47	18.67	
5	256QAM	12	13	18.57	18.50	18.71	
5	256QAM	25	0	18.57	18.49	18.61	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.45	23.54	23.58	25.2
3	QPSK	1	8	23.39	23.47	23.52	
3	QPSK	1	14	23.42	23.49	23.54	
3	QPSK	8	0	22.45	22.55	22.63	24.2
3	QPSK	8	4	22.47	22.54	22.62	
3	QPSK	8	7	22.49	22.56	22.64	
3	QPSK	15	0	22.49	22.57	22.64	
3	16QAM	1	0	22.67	22.76	22.80	24.2
3	16QAM	1	8	22.62	22.69	22.69	
3	16QAM	1	14	22.61	22.69	22.73	
3	16QAM	8	0	21.50	21.59	21.66	23.2
3	16QAM	8	4	21.53	21.59	21.66	
3	16QAM	8	7	21.55	21.61	21.71	
3	16QAM	15	0	21.50	21.59	21.65	
3	64QAM	1	0	21.57	21.70	21.65	23.2
3	64QAM	1	8	21.53	21.60	21.64	
3	64QAM	1	14	21.59	21.63	21.68	
3	64QAM	8	0	20.49	20.58	20.64	22.2
3	64QAM	8	4	20.48	20.58	20.63	
3	64QAM	8	7	20.53	20.61	20.66	
3	64QAM	15	0	20.50	20.58	20.64	
3	256QAM	1	0	18.43	18.44	18.51	20.2
3	256QAM	1	8	18.43	18.40	18.49	
3	256QAM	1	14	18.55	18.45	18.66	
3	256QAM	8	0	18.60	18.58	18.55	20.2
3	256QAM	8	4	18.59	18.51	18.60	
3	256QAM	8	7	18.63	18.54	18.65	
3	256QAM	15	0	18.58	18.52	18.60	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.46	23.50	23.54	25.2
1.4	QPSK	1	3	23.38	23.46	23.47	
1.4	QPSK	1	5	23.43	23.50	23.51	
1.4	QPSK	3	0	23.44	23.51	23.53	
1.4	QPSK	3	1	23.44	23.57	23.59	
1.4	QPSK	3	3	23.40	23.53	23.54	
1.4	QPSK	6	0	22.47	22.52	22.56	24.2
1.4	16QAM	1	0	22.64	22.72	22.68	24.2
1.4	16QAM	1	3	22.57	22.60	22.55	
1.4	16QAM	1	5	22.61	22.68	22.64	
1.4	16QAM	3	0	22.53	22.61	22.59	
1.4	16QAM	3	1	22.56	22.64	22.63	
1.4	16QAM	3	3	22.50	22.61	22.61	
1.4	16QAM	6	0	21.53	21.56	21.62	23.2
1.4	64QAM	1	0	21.57	21.61	21.67	23.2
1.4	64QAM	1	3	21.49	21.60	21.64	
1.4	64QAM	1	5	21.56	21.62	21.64	
1.4	64QAM	3	0	21.53	21.60	21.63	
1.4	64QAM	3	1	21.61	21.67	21.73	
1.4	64QAM	3	3	21.55	21.65	21.72	
1.4	64QAM	6	0	20.56	20.54	20.59	22.2
1.4	256QAM	1	0	18.42	18.42	18.56	20.2
1.4	256QAM	1	3	18.46	18.42	18.46	
1.4	256QAM	1	5	18.54	18.53	18.67	
1.4	256QAM	3	0	18.52	18.58	18.59	
1.4	256QAM	3	1	18.64	18.49	18.67	
1.4	256QAM	3	3	18.65	18.51	18.66	
1.4	256QAM	6	0	18.59	18.55	18.64	20.2

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.49	23.50	23.45	25.2
20	QPSK	1	49	23.45	23.42	23.35	
20	QPSK	1	99	23.47	23.40	23.28	
20	QPSK	50	0	22.55	22.56	22.47	24.2
20	QPSK	50	24	22.54	22.53	22.45	
20	QPSK	50	50	22.53	22.50	22.40	
20	QPSK	100	0	22.53	22.54	22.41	
20	16QAM	1	0	22.73	22.80	22.68	24.2
20	16QAM	1	49	22.71	22.69	22.68	
20	16QAM	1	99	22.80	22.73	22.63	
20	16QAM	50	0	21.56	21.53	21.47	23.2
20	16QAM	50	24	21.59	21.55	21.46	
20	16QAM	50	50	21.58	21.54	21.44	
20	16QAM	100	0	21.56	21.54	21.43	
20	64QAM	1	0	21.71	21.66	21.62	23.2
20	64QAM	1	49	21.68	21.61	21.55	
20	64QAM	1	99	21.71	21.63	21.54	
20	64QAM	50	0	20.59	20.58	20.52	22.2
20	64QAM	50	24	20.63	20.60	20.51	
20	64QAM	50	50	20.62	20.57	20.48	
20	64QAM	100	0	20.59	20.57	20.48	
20	256QAM	1	0	18.43	18.46	18.53	20.2
20	256QAM	1	49	18.49	18.37	18.46	
20	256QAM	1	99	18.50	18.44	18.70	
20	256QAM	50	0	18.52	18.57	18.56	20.2
20	256QAM	50	24	18.60	18.49	18.60	
20	256QAM	50	50	18.55	18.49	18.67	
20	256QAM	100	0	18.60	18.51	18.57	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.47	23.49	23.48	25.2
15	QPSK	1	37	23.45	23.46	23.37	
15	QPSK	1	74	23.45	23.48	23.38	
15	QPSK	36	0	22.57	22.60	22.51	24.2
15	QPSK	36	20	22.60	22.58	22.50	
15	QPSK	36	39	22.59	22.58	22.48	
15	QPSK	75	0	22.62	22.58	22.49	
15	16QAM	1	0	22.78	22.84	22.81	24.2
15	16QAM	1	37	22.76	22.85	22.83	
15	16QAM	1	74	22.81	22.80	22.74	
15	16QAM	36	0	21.59	21.61	21.53	23.2
15	16QAM	36	20	21.60	21.62	21.52	
15	16QAM	36	39	21.61	21.61	21.51	
15	16QAM	75	0	21.60	21.61	21.50	
15	64QAM	1	0	21.65	21.72	21.66	23.2
15	64QAM	1	37	21.67	21.69	21.59	
15	64QAM	1	74	21.72	21.66	21.55	
15	64QAM	36	0	20.61	20.67	20.56	22.2
15	64QAM	36	20	20.63	20.64	20.56	
15	64QAM	36	39	20.65	20.64	20.56	
15	64QAM	75	0	20.61	20.65	20.53	
15	256QAM	1	0	18.38	18.38	18.49	20.2
15	256QAM	1	37	18.44	18.30	18.45	
15	256QAM	1	74	18.50	18.42	18.70	
15	256QAM	36	0	18.43	18.50	18.51	20.2
15	256QAM	36	20	18.52	18.41	18.52	
15	256QAM	36	39	18.46	18.39	18.58	
15	256QAM	75	0	18.58	18.51	18.52	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.48	23.49	23.43	25.2
10	QPSK	1	25	23.37	23.37	23.27	
10	QPSK	1	49	23.47	23.45	23.35	
10	QPSK	25	0	22.51	22.49	22.43	24.2
10	QPSK	25	12	22.51	22.50	22.40	
10	QPSK	25	25	22.52	22.52	22.40	
10	QPSK	50	0	22.54	22.54	22.42	
10	16QAM	1	0	22.79	22.84	22.75	24.2
10	16QAM	1	25	22.71	22.80	22.66	
10	16QAM	1	49	22.81	22.78	22.67	
10	16QAM	25	0	21.53	21.53	21.45	23.2
10	16QAM	25	12	21.56	21.55	21.45	
10	16QAM	25	25	21.57	21.54	21.45	
10	16QAM	50	0	21.57	21.54	21.47	
10	64QAM	1	0	21.58	21.68	21.64	23.2
10	64QAM	1	25	21.60	21.68	21.60	
10	64QAM	1	49	21.67	21.68	21.61	
10	64QAM	25	0	20.54	20.58	20.46	22.2
10	64QAM	25	12	20.55	20.54	20.44	
10	64QAM	25	25	20.58	20.57	20.47	
10	64QAM	50	0	20.59	20.59	20.48	
10	256QAM	1	0	18.41	18.40	18.48	20.2
10	256QAM	1	25	18.41	18.35	18.46	
10	256QAM	1	49	18.48	18.38	18.66	
10	256QAM	25	0	18.44	18.51	18.47	20.2
10	256QAM	25	12	18.54	18.47	18.54	
10	256QAM	25	25	18.49	18.40	18.64	
10	256QAM	50	0	18.53	18.43	18.49	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.46	23.48	23.38	25.2
5	QPSK	1	12	23.48	23.48	23.38	
5	QPSK	1	24	23.44	23.44	23.33	
5	QPSK	12	0	22.49	22.48	22.40	24.2
5	QPSK	12	7	22.52	22.51	22.40	
5	QPSK	12	13	22.51	22.49	22.39	
5	QPSK	25	0	22.51	22.48	22.41	
5	16QAM	1	0	22.76	22.76	22.64	24.2
5	16QAM	1	12	22.76	22.80	22.61	
5	16QAM	1	24	22.71	22.74	22.55	
5	16QAM	12	0	21.53	21.57	21.45	23.2
5	16QAM	12	7	21.56	21.58	21.47	
5	16QAM	12	13	21.55	21.59	21.46	
5	16QAM	25	0	21.55	21.53	21.44	
5	64QAM	1	0	21.62	21.61	21.54	23.2
5	64QAM	1	12	21.68	21.66	21.45	
5	64QAM	1	24	21.69	21.67	21.52	
5	64QAM	12	0	20.54	20.57	20.47	22.2
5	64QAM	12	7	20.53	20.55	20.49	
5	64QAM	12	13	20.55	20.54	20.47	
5	64QAM	25	0	20.57	20.54	20.44	
5	256QAM	1	0	18.43	18.37	18.44	20.2
5	256QAM	1	12	18.47	18.27	18.41	
5	256QAM	1	24	18.45	18.41	18.68	
5	256QAM	12	0	18.50	18.50	18.54	20.2
5	256QAM	12	7	18.59	18.45	18.50	
5	256QAM	12	13	18.55	18.48	18.61	
5	256QAM	25	0	18.58	18.44	18.51	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.47	23.44	23.35	25.2
3	QPSK	1	8	23.41	23.39	23.29	
3	QPSK	1	14	23.44	23.42	23.31	
3	QPSK	8	0	22.48	22.46	22.37	24.2
3	QPSK	8	4	22.50	22.45	22.36	
3	QPSK	8	7	22.55	22.51	22.36	
3	QPSK	15	0	22.51	22.49	22.39	
3	16QAM	1	0	22.72	22.74	22.62	24.2
3	16QAM	1	8	22.67	22.65	22.58	
3	16QAM	1	14	22.67	22.67	22.62	
3	16QAM	8	0	21.52	21.53	21.45	23.2
3	16QAM	8	4	21.52	21.52	21.46	
3	16QAM	8	7	21.56	21.54	21.48	
3	16QAM	15	0	21.53	21.51	21.44	
3	64QAM	1	0	21.56	21.61	21.50	23.2
3	64QAM	1	8	21.56	21.61	21.49	
3	64QAM	1	14	21.60	21.60	21.51	
3	64QAM	8	0	20.52	20.56	20.45	22.2
3	64QAM	8	4	20.55	20.55	20.46	
3	64QAM	8	7	20.59	20.61	20.50	
3	64QAM	15	0	20.55	20.52	20.45	
3	256QAM	1	0	18.36	18.43	18.48	20.2
3	256QAM	1	8	18.40	18.30	18.44	
3	256QAM	1	14	18.43	18.42	18.66	
3	256QAM	8	0	18.44	18.49	18.55	20.2
3	256QAM	8	4	18.59	18.46	18.59	
3	256QAM	8	7	18.48	18.41	18.58	
3	256QAM	15	0	18.53	18.42	18.47	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.46	23.42	23.34	25.2
1.4	QPSK	1	3	23.37	23.35	23.24	
1.4	QPSK	1	5	23.45	23.41	23.31	
1.4	QPSK	3	0	23.44	23.44	23.34	
1.4	QPSK	3	1	23.48	23.44	23.41	
1.4	QPSK	3	3	23.41	23.41	23.35	
1.4	QPSK	6	0	22.47	22.44	22.35	24.2
1.4	16QAM	1	0	22.70	22.66	22.60	24.2
1.4	16QAM	1	3	22.60	22.53	22.49	
1.4	16QAM	1	5	22.69	22.64	22.57	
1.4	16QAM	3	0	22.56	22.56	22.43	
1.4	16QAM	3	1	22.62	22.54	22.47	
1.4	16QAM	3	3	22.58	22.54	22.42	
1.4	16QAM	6	0	21.49	21.49	21.41	23.2
1.4	64QAM	1	0	21.64	21.62	21.52	23.2
1.4	64QAM	1	3	21.55	21.51	21.45	
1.4	64QAM	1	5	21.63	21.61	21.48	
1.4	64QAM	3	0	21.60	21.55	21.43	
1.4	64QAM	3	1	21.67	21.62	21.51	
1.4	64QAM	3	3	21.60	21.59	21.49	
1.4	64QAM	6	0	20.50	20.46	20.40	22.2
1.4	256QAM	1	0	18.40	18.44	18.44	20.2
1.4	256QAM	1	3	18.49	18.30	18.44	
1.4	256QAM	1	5	18.45	18.38	18.64	
1.4	256QAM	3	0	18.52	18.56	18.53	
1.4	256QAM	3	1	18.50	18.40	18.55	
1.4	256QAM	3	3	18.49	18.42	18.64	
1.4	256QAM	6	0	18.56	18.45	18.50	20.2

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20400	20525	20650	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.29	24.30	24.18	25.2
10	QPSK	1	25	24.27	24.21	24.15	
10	QPSK	1	49	24.28	24.21	24.17	
10	QPSK	25	0	23.52	23.53	23.37	24.2
10	QPSK	25	12	23.51	23.39	23.35	
10	QPSK	25	25	23.51	23.37	23.34	
10	QPSK	50	0	23.50	23.52	23.40	
10	16QAM	1	0	23.73	23.60	23.61	24.2
10	16QAM	1	25	23.68	23.56	23.55	
10	16QAM	1	49	23.64	23.68	23.43	
10	16QAM	25	0	22.55	22.42	22.38	23.2
10	16QAM	25	12	22.53	22.39	22.36	
10	16QAM	25	25	22.50	22.40	22.33	
10	16QAM	50	0	22.56	22.42	22.42	
10	64QAM	1	0	22.73	22.62	22.62	23.2
10	64QAM	1	25	22.72	22.62	22.63	
10	64QAM	1	49	22.65	22.69	22.51	
10	64QAM	25	0	21.52	21.45	21.40	22.2
10	64QAM	25	12	21.52	21.43	21.41	
10	64QAM	25	25	21.49	21.43	21.38	
10	64QAM	50	0	21.57	21.47	21.47	
10	256QAM	1	0	19.64	19.61	19.62	20.2
10	256QAM	1	25	19.51	19.70	19.51	
10	256QAM	1	49	19.52	19.58	19.47	
10	256QAM	25	0	19.61	19.59	19.65	20.2
10	256QAM	25	12	19.60	19.58	19.51	
10	256QAM	25	25	19.55	19.54	19.48	
10	256QAM	50	0	19.61	19.60	19.55	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.25	24.24	24.27	25.2
5	QPSK	1	12	24.27	24.27	24.26	
5	QPSK	1	24	24.25	24.16	24.14	
5	QPSK	12	0	23.31	23.23	23.28	24.2
5	QPSK	12	7	23.31	23.23	23.29	
5	QPSK	12	13	23.31	23.23	23.28	
5	QPSK	25	0	23.33	23.25	23.29	
5	16QAM	1	0	23.52	23.47	23.55	24.2
5	16QAM	1	12	23.51	23.50	23.58	
5	16QAM	1	24	23.55	23.52	23.41	
5	16QAM	12	0	22.35	22.30	22.35	23.2
5	16QAM	12	7	22.35	22.33	22.31	
5	16QAM	12	13	22.35	22.35	22.32	
5	16QAM	25	0	22.31	22.29	22.27	
5	64QAM	1	0	22.51	22.46	22.52	23.2
5	64QAM	1	12	22.35	22.31	22.36	
5	64QAM	1	24	22.51	22.45	22.41	
5	64QAM	12	0	21.40	21.33	21.38	22.2
5	64QAM	12	7	21.40	21.39	21.36	
5	64QAM	12	13	21.39	21.39	21.33	
5	64QAM	25	0	21.36	21.32	21.31	
5	256QAM	1	0	19.63	19.54	19.61	20.2
5	256QAM	1	12	19.48	19.68	19.44	
5	256QAM	1	24	19.47	19.52	19.41	
5	256QAM	12	0	19.56	19.55	19.61	20.2
5	256QAM	12	7	19.59	19.48	19.42	
5	256QAM	12	13	19.45	19.45	19.48	
5	256QAM	25	0	19.61	19.56	19.45	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.28	24.27	24.28	25.2
3	QPSK	1	8	24.24	24.22	24.16	
3	QPSK	1	14	24.28	24.23	24.15	
3	QPSK	8	0	23.31	23.24	23.26	24.2
3	QPSK	8	4	23.32	23.28	23.24	
3	QPSK	8	7	23.32	23.27	23.23	
3	QPSK	15	0	23.32	23.25	23.28	
3	16QAM	1	0	23.58	23.52	23.53	24.2
3	16QAM	1	8	23.53	23.46	23.42	
3	16QAM	1	14	23.58	23.49	23.44	
3	16QAM	8	0	22.37	22.33	22.31	23.2
3	16QAM	8	4	22.37	22.35	22.34	
3	16QAM	8	7	22.40	22.40	22.39	
3	16QAM	15	0	22.36	22.34	22.35	
3	64QAM	1	0	22.60	22.56	22.55	23.2
3	64QAM	1	8	22.50	22.50	22.47	
3	64QAM	1	14	22.52	22.55	22.49	
3	64QAM	8	0	21.37	21.38	21.37	22.2
3	64QAM	8	4	21.37	21.40	21.37	
3	64QAM	8	7	21.40	21.42	21.40	
3	64QAM	15	0	21.37	21.36	21.39	
3	256QAM	1	0	19.61	19.61	19.52	20.2
3	256QAM	1	8	19.46	19.70	19.50	
3	256QAM	1	14	19.52	19.57	19.44	
3	256QAM	8	0	19.53	19.54	19.60	20.2
3	256QAM	8	4	19.51	19.53	19.49	
3	256QAM	8	7	19.49	19.46	19.39	
3	256QAM	15	0	19.60	19.56	19.49	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.24	24.26	24.22	25.2
1.4	QPSK	1	3	24.16	24.21	24.11	
1.4	QPSK	1	5	24.23	24.26	24.17	
1.4	QPSK	3	0	24.24	24.22	24.20	
1.4	QPSK	3	1	24.24	24.23	24.19	
1.4	QPSK	3	3	24.18	24.22	24.14	
1.4	QPSK	6	0	23.20	23.23	23.20	24.2
1.4	16QAM	1	0	23.54	23.50	23.48	24.2
1.4	16QAM	1	3	23.43	23.44	23.34	
1.4	16QAM	1	5	23.51	23.49	23.41	
1.4	16QAM	3	0	23.32	23.38	23.32	
1.4	16QAM	3	1	23.36	23.40	23.33	
1.4	16QAM	3	3	23.34	23.36	23.30	
1.4	16QAM	6	0	22.27	22.31	22.32	23.2
1.4	64QAM	1	0	22.41	22.44	22.42	23.2
1.4	64QAM	1	3	22.41	22.46	22.41	
1.4	64QAM	1	5	22.49	22.53	22.46	
1.4	64QAM	3	0	22.35	22.43	22.38	
1.4	64QAM	3	1	22.33	22.39	22.36	
1.4	64QAM	3	3	22.33	22.40	22.38	
1.4	64QAM	6	0	21.29	21.35	21.27	22.2
1.4	256QAM	1	0	19.54	19.55	19.53	20.2
1.4	256QAM	1	3	19.45	19.62	19.41	
1.4	256QAM	1	5	19.44	19.53	19.39	
1.4	256QAM	3	0	19.56	19.56	19.65	
1.4	256QAM	3	1	19.59	19.46	19.50	
1.4	256QAM	3	3	19.47	19.46	19.45	
1.4	256QAM	6	0	19.59	19.52	19.49	20.2

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.94	23.95	23.92	25.2
20	QPSK	1	49	23.70	23.65	23.75	
20	QPSK	1	99	23.70	23.63	23.75	
20	QPSK	50	0	22.84	22.85	22.83	24.2
20	QPSK	50	24	22.81	22.80	22.82	
20	QPSK	50	50	22.83	22.82	22.82	
20	QPSK	100	0	22.82	22.83	22.82	
20	16QAM	1	0	22.89	22.89	22.91	24.2
20	16QAM	1	49	22.82	22.90	22.90	
20	16QAM	1	99	22.93	22.83	22.92	
20	16QAM	50	0	21.81	21.80	21.84	23.2
20	16QAM	50	24	21.82	21.85	21.88	
20	16QAM	50	50	21.83	21.84	21.90	
20	16QAM	100	0	21.82	21.82	21.85	
20	64QAM	1	0	21.76	21.81	21.80	23.2
20	64QAM	1	49	21.82	21.87	21.77	
20	64QAM	1	99	21.86	21.87	21.78	
20	64QAM	50	0	20.87	20.87	20.88	22.2
20	64QAM	50	24	20.89	20.87	20.93	
20	64QAM	50	50	20.89	20.88	20.94	
20	64QAM	100	0	20.86	20.86	20.90	
20	256QAM	1	0	19.36	19.38	19.36	20.2
20	256QAM	1	49	19.25	19.23	19.21	
20	256QAM	1	99	19.17	19.17	19.16	
20	256QAM	50	0	19.23	19.18	19.17	20.2
20	256QAM	50	24	19.22	19.15	19.13	
20	256QAM	50	50	19.20	19.07	19.09	
20	256QAM	100	0	19.22	19.16	19.08	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.75	23.73	23.85	25.2
15	QPSK	1	37	23.67	23.68	23.79	
15	QPSK	1	74	23.75	23.70	23.81	
15	QPSK	36	0	22.85	22.83	22.93	24.2
15	QPSK	36	20	22.86	22.84	22.95	
15	QPSK	36	39	22.88	22.87	22.96	
15	QPSK	75	0	22.91	22.86	22.97	
15	16QAM	1	0	22.90	22.94	23.04	24.2
15	16QAM	1	37	22.92	22.99	23.03	
15	16QAM	1	74	22.89	22.90	23.02	
15	16QAM	36	0	21.82	21.86	21.92	23.2
15	16QAM	36	20	21.83	21.87	21.97	
15	16QAM	36	39	21.84	21.87	21.97	
15	16QAM	75	0	21.88	21.87	21.94	
15	64QAM	1	0	21.82	21.89	21.92	23.2
15	64QAM	1	37	21.87	21.83	21.90	
15	64QAM	1	74	21.85	21.94	21.88	
15	64QAM	36	0	20.88	20.91	20.96	22.2
15	64QAM	36	20	20.88	20.92	21.00	
15	64QAM	36	39	20.89	20.93	21.01	
15	64QAM	75	0	20.91	20.90	20.98	
15	256QAM	1	0	19.35	19.28	19.36	20.2
15	256QAM	1	37	19.25	19.14	19.14	
15	256QAM	1	74	19.13	19.08	19.12	
15	256QAM	36	0	19.22	19.18	19.07	20.2
15	256QAM	36	20	19.14	19.12	19.08	
15	256QAM	36	39	19.12	19.07	19.04	
15	256QAM	75	0	19.17	19.09	18.98	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.78	23.76	23.89	25.2
10	QPSK	1	25	23.65	23.66	23.70	
10	QPSK	1	49	23.75	23.74	23.83	
10	QPSK	25	0	22.84	22.86	22.91	24.2
10	QPSK	25	12	22.84	22.85	22.93	
10	QPSK	25	25	22.87	22.89	22.96	
10	QPSK	50	0	22.87	22.91	22.95	
10	16QAM	1	0	22.92	23.03	23.08	24.2
10	16QAM	1	25	22.78	22.96	23.00	
10	16QAM	1	49	22.89	22.97	23.04	
10	16QAM	25	0	21.84	21.88	21.93	23.2
10	16QAM	25	12	21.85	21.88	21.95	
10	16QAM	25	25	21.86	21.92	21.97	
10	16QAM	50	0	21.91	21.94	22.00	
10	64QAM	1	0	21.88	21.97	21.93	23.2
10	64QAM	1	25	21.82	21.92	21.92	
10	64QAM	1	49	21.89	21.94	21.93	
10	64QAM	25	0	20.86	20.91	20.96	22.2
10	64QAM	25	12	20.87	20.91	20.96	
10	64QAM	25	25	20.89	20.92	21.01	
10	64QAM	50	0	20.94	20.98	21.05	
10	256QAM	1	0	19.27	19.34	19.35	20.2
10	256QAM	1	25	19.15	19.17	19.14	
10	256QAM	1	49	19.10	19.12	19.15	
10	256QAM	25	0	19.18	19.16	19.15	20.2
10	256QAM	25	12	19.20	19.08	19.09	
10	256QAM	25	25	19.16	19.06	19.08	
10	256QAM	50	0	19.20	19.12	19.04	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.78	23.73	23.87	25.2
5	QPSK	1	12	23.74	23.76	23.90	
5	QPSK	1	24	23.73	23.72	23.81	
5	QPSK	12	0	22.82	22.90	22.91	24.2
5	QPSK	12	7	22.84	22.83	22.94	
5	QPSK	12	13	22.83	22.81	22.92	
5	QPSK	25	0	22.85	22.83	22.91	
5	16QAM	1	0	22.87	22.97	23.02	24.2
5	16QAM	1	12	22.94	22.97	22.98	
5	16QAM	1	24	22.87	22.92	22.92	
5	16QAM	12	0	21.83	21.86	21.96	23.2
5	16QAM	12	7	21.86	21.87	21.97	
5	16QAM	12	13	21.86	21.88	21.96	
5	16QAM	25	0	21.86	21.86	21.94	
5	64QAM	1	0	21.86	21.89	21.90	23.2
5	64QAM	1	12	21.82	21.83	21.87	
5	64QAM	1	24	21.90	21.93	21.89	
5	64QAM	12	0	20.86	20.90	20.95	22.2
5	64QAM	12	7	20.89	20.90	20.99	
5	64QAM	12	13	20.87	20.89	20.97	
5	64QAM	25	0	20.88	20.86	20.95	
5	256QAM	1	0	19.32	19.32	19.34	20.2
5	256QAM	1	12	19.16	19.18	19.11	
5	256QAM	1	24	19.11	19.09	19.14	
5	256QAM	12	0	19.19	19.13	19.13	20.2
5	256QAM	12	7	19.17	19.09	19.07	
5	256QAM	12	13	19.16	19.04	19.05	
5	256QAM	25	0	19.20	19.08	19.02	

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.86	23.87	23.86	25.2
10	QPSK	1	25	23.79	23.83	23.80	
10	QPSK	1	49	23.85	23.84	23.85	
10	QPSK	25	0	22.94	23.00	22.93	24.2
10	QPSK	25	12	22.92	22.99	22.90	
10	QPSK	25	25	22.93	22.99	22.92	
10	QPSK	50	0	22.94	23.02	22.91	
10	16QAM	1	0	23.16	23.26	23.19	24.2
10	16QAM	1	25	23.18	23.22	23.15	
10	16QAM	1	49	23.23	23.23	23.18	
10	16QAM	25	0	21.94	22.01	21.91	23.2
10	16QAM	25	12	21.96	22.00	21.97	
10	16QAM	25	25	21.97	22.02	22.00	
10	16QAM	50	0	21.97	22.02	21.98	
10	64QAM	1	0	22.08	22.15	22.13	23.2
10	64QAM	1	25	22.20	22.22	22.09	
10	64QAM	1	49	22.23	22.18	22.17	
10	64QAM	25	0	20.97	21.03	20.95	22.2
10	64QAM	25	12	21.01	21.04	20.97	
10	64QAM	25	25	21.02	21.06	21.02	
10	64QAM	50	0	21.00	21.08	21.03	
10	256QAM	1	0	19.33	19.25	19.34	20.2
10	256QAM	1	25	19.19	19.25	19.27	
10	256QAM	1	49	19.18	19.07	19.15	
10	256QAM	25	0	19.45	19.46	19.43	20.2
10	256QAM	25	12	19.34	19.37	19.36	
10	256QAM	25	25	19.34	19.35	19.37	
10	256QAM	50	0	19.34	19.38	19.32	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.79	23.86	23.82	25.2
5	QPSK	1	12	23.84	23.85	23.84	
5	QPSK	1	24	23.83	23.85	23.82	
5	QPSK	12	0	22.86	22.93	22.88	24.2
5	QPSK	12	7	22.89	22.96	22.92	
5	QPSK	12	13	22.89	22.96	22.90	
5	QPSK	25	0	22.84	22.95	22.89	
5	16QAM	1	0	23.11	23.22	23.15	24.2
5	16QAM	1	12	23.23	23.30	23.26	
5	16QAM	1	24	23.23	23.21	23.11	
5	16QAM	12	0	21.94	21.97	21.93	23.2
5	16QAM	12	7	21.96	21.98	21.95	
5	16QAM	12	13	22.03	21.99	21.96	
5	16QAM	25	0	21.95	21.95	21.91	
5	64QAM	1	0	22.07	22.09	21.96	23.2
5	64QAM	1	12	21.94	22.02	21.99	
5	64QAM	1	24	22.17	22.11	22.07	
5	64QAM	12	0	20.95	21.00	20.95	22.2
5	64QAM	12	7	20.99	20.99	20.96	
5	64QAM	12	13	21.05	21.00	20.97	
5	64QAM	25	0	20.97	20.98	20.95	
5	256QAM	1	0	19.31	19.21	19.31	20.2
5	256QAM	1	12	19.16	19.24	19.18	
5	256QAM	1	24	19.11	19.07	19.05	
5	256QAM	12	0	19.42	19.46	19.40	20.2
5	256QAM	12	7	19.27	19.35	19.30	
5	256QAM	12	13	19.27	19.32	19.32	
5	256QAM	25	0	19.24	19.35	19.24	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.86	23.86	23.83	25.2
3	QPSK	1	8	23.83	23.86	23.85	
3	QPSK	1	14	23.84	23.85	23.84	
3	QPSK	8	0	22.88	22.92	22.87	24.2
3	QPSK	8	4	22.89	22.91	22.87	
3	QPSK	8	7	22.92	22.96	22.90	
3	QPSK	15	0	22.90	22.94	22.87	
3	16QAM	1	0	23.17	23.22	23.11	24.2
3	16QAM	1	8	23.17	23.15	23.10	
3	16QAM	1	14	23.21	23.18	23.13	
3	16QAM	8	0	21.98	21.97	21.95	23.2
3	16QAM	8	4	22.03	22.00	22.01	
3	16QAM	8	7	22.06	22.03	22.02	
3	16QAM	15	0	21.99	21.98	21.98	
3	64QAM	1	0	22.17	22.13	22.13	23.2
3	64QAM	1	8	22.17	22.10	22.09	
3	64QAM	1	14	22.23	22.15	22.10	
3	64QAM	8	0	21.03	21.01	20.97	22.2
3	64QAM	8	4	21.06	21.04	21.01	
3	64QAM	8	7	21.06	21.04	21.03	
3	64QAM	15	0	21.01	21.02	20.99	
3	256QAM	1	0	19.19	19.11	19.16	20.2
3	256QAM	1	8	18.98	19.05	19.06	
3	256QAM	1	14	19.01	18.93	18.89	
3	256QAM	8	0	19.32	19.28	19.21	20.2
3	256QAM	8	4	19.15	19.15	19.10	
3	256QAM	8	7	19.08	19.14	19.13	
3	256QAM	15	0	19.05	19.21	19.10	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.81	23.84	23.83	25.2
1.4	QPSK	1	3	23.84	23.84	23.76	
1.4	QPSK	1	5	23.83	23.84	23.82	
1.4	QPSK	3	0	23.82	23.83	23.83	
1.4	QPSK	3	1	23.83	23.86	23.83	
1.4	QPSK	3	3	23.81	23.81	23.83	
1.4	QPSK	6	0	22.91	22.88	22.87	24.2
1.4	16QAM	1	0	23.20	23.20	23.15	24.2
1.4	16QAM	1	3	23.10	23.06	23.01	
1.4	16QAM	1	5	23.17	23.14	23.13	
1.4	16QAM	3	0	23.03	22.98	22.99	
1.4	16QAM	3	1	23.08	23.06	23.02	
1.4	16QAM	3	3	23.06	23.04	22.97	
1.4	16QAM	6	0	22.02	21.97	21.94	23.2
1.4	64QAM	1	0	22.14	22.09	22.06	23.2
1.4	64QAM	1	3	22.05	21.98	22.02	
1.4	64QAM	1	5	22.17	22.08	22.08	
1.4	64QAM	3	0	22.04	22.00	22.02	
1.4	64QAM	3	1	22.07	22.00	22.02	
1.4	64QAM	3	3	22.06	22.01	22.02	
1.4	64QAM	6	0	21.02	20.96	20.89	22.2
1.4	256QAM	1	0	19.18	19.08	19.08	20.2
1.4	256QAM	1	3	18.95	19.03	19.05	
1.4	256QAM	1	5	18.99	18.89	18.84	
1.4	256QAM	3	0	19.26	19.19	19.13	
1.4	256QAM	3	1	19.09	19.13	19.06	
1.4	256QAM	3	3	19.08	19.05	19.12	
1.4	256QAM	6	0	18.95	19.18	19.02	20.2

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.92		25.2
10	QPSK	1	25		23.77		
10	QPSK	1	49		23.87		
10	QPSK	25	0		22.94		24.2
10	QPSK	25	12		22.92		
10	QPSK	25	25		22.92		
10	QPSK	50	0		22.99		
10	16QAM	1	0		23.10		24.2
10	16QAM	1	25		23.18		
10	16QAM	1	49		23.17		
10	16QAM	25	0		21.91		23.2
10	16QAM	25	12		21.93		
10	16QAM	25	25		21.95		
10	16QAM	50	0		21.99		
10	64QAM	1	0		22.06		23.2
10	64QAM	1	25		22.12		
10	64QAM	1	49		22.11		
10	64QAM	25	0		20.97		22.2
10	64QAM	25	12		20.95		
10	64QAM	25	25		20.95		
10	64QAM	50	0		20.98		
10	256QAM	1	0		19.31		20.2
10	256QAM	1	25		19.33		
10	256QAM	1	49		19.23		
10	256QAM	25	0		19.32		20.2
10	256QAM	25	12		19.30		
10	256QAM	25	25		19.24		
10	256QAM	50	0		19.29		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.81	23.83	23.82	25.2
5	QPSK	1	12	23.87	23.82	23.85	
5	QPSK	1	24	23.81	23.77	23.80	
5	QPSK	12	0	22.91	22.85	22.84	24.2
5	QPSK	12	7	22.92	22.87	22.89	
5	QPSK	12	13	22.91	22.84	22.86	
5	QPSK	25	0	22.90	22.82	22.82	
5	16QAM	1	0	23.08	23.07	23.12	24.2
5	16QAM	1	12	23.15	23.20	23.21	
5	16QAM	1	24	23.19	23.17	23.14	
5	16QAM	12	0	21.92	21.94	21.98	23.2
5	16QAM	12	7	21.95	21.94	21.97	
5	16QAM	12	13	22.00	21.96	21.95	
5	16QAM	25	0	21.94	21.91	21.86	
5	64QAM	1	0	22.01	22.04	22.02	23.2
5	64QAM	1	12	21.86	21.97	21.89	
5	64QAM	1	24	22.09	22.09	22.01	
5	64QAM	12	0	20.94	20.95	20.96	22.2
5	64QAM	12	7	20.96	20.98	20.96	
5	64QAM	12	13	20.98	20.98	20.94	
5	64QAM	25	0	20.93	20.89	20.88	
5	256QAM	1	0	19.15	19.24	19.15	20.2
5	256QAM	1	12	19.21	19.23	19.19	
5	256QAM	1	24	19.07	19.16	19.09	
5	256QAM	12	0	19.23	19.31	19.24	20.2
5	256QAM	12	7	19.10	19.20	19.11	
5	256QAM	12	13	19.20	19.23	19.16	
5	256QAM	25	0	19.20	19.20	19.16	

Band 14_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.84		25.2
10	QPSK	1	25		23.77		
10	QPSK	1	49		23.79		
10	QPSK	25	0		22.87		24.2
10	QPSK	25	12		22.85		
10	QPSK	25	25		22.84		
10	QPSK	50	0		22.94		
10	16QAM	1	0		23.10		24.2
10	16QAM	1	25		23.18		
10	16QAM	1	49		23.10		
10	16QAM	25	0		21.91		23.2
10	16QAM	25	12		21.92		
10	16QAM	25	25		21.90		
10	16QAM	50	0		21.98		
10	64QAM	1	0		22.04		23.2
10	64QAM	1	25		22.09		
10	64QAM	1	49		22.04		
10	64QAM	25	0		20.97		22.2
10	64QAM	25	12		20.96		
10	64QAM	25	25		20.96		
10	64QAM	50	0		21.02		
10	256QAM	1	0		19.12		20.2
10	256QAM	1	25		19.22		
10	256QAM	1	49		19.13		
10	256QAM	25	0		19.22		20.2
10	256QAM	25	12		19.20		
10	256QAM	25	25		19.11		
10	256QAM	50	0		19.19		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.76	23.83	23.83	25.2
5	QPSK	1	12	23.76	23.83	23.81	
5	QPSK	1	24	23.71	23.80	23.79	
5	QPSK	12	0	22.79	22.88	22.88	24.2
5	QPSK	12	7	22.82	22.90	22.88	
5	QPSK	12	13	22.80	22.86	22.86	
5	QPSK	25	0	22.77	22.86	22.85	
5	16QAM	1	0	23.00	23.13	23.19	24.2
5	16QAM	1	12	23.15	23.23	23.21	
5	16QAM	1	24	23.15	23.17	23.11	
5	16QAM	12	0	21.88	21.93	21.96	23.2
5	16QAM	12	7	21.93	21.94	21.96	
5	16QAM	12	13	21.93	21.92	21.95	
5	16QAM	25	0	21.84	21.89	21.90	
5	64QAM	1	0	21.93	22.02	22.02	23.2
5	64QAM	1	12	21.85	21.89	21.86	
5	64QAM	1	24	22.07	21.98	21.98	
5	64QAM	12	0	20.91	20.94	20.97	22.2
5	64QAM	12	7	20.94	20.94	20.98	
5	64QAM	12	13	20.97	20.94	20.97	
5	64QAM	25	0	20.88	20.93	20.96	
5	256QAM	1	0	19.09	19.07	19.05	20.2
5	256QAM	1	12	19.13	19.15	19.19	
5	256QAM	1	24	19.11	19.11	19.12	
5	256QAM	12	0	19.15	19.19	19.12	20.2
5	256QAM	12	7	19.10	19.12	19.11	
5	256QAM	12	13	19.06	19.02	19.05	
5	256QAM	25	0	19.17	19.11	19.18	

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.94	23.95	23.92	25.2
10	QPSK	1	25	23.85	23.85	23.78	
10	QPSK	1	49	23.93	23.92	23.91	
10	QPSK	25	0	22.99	23.01	22.98	24.2
10	QPSK	25	12	22.97	22.98	22.95	
10	QPSK	25	25	22.98	22.98	22.97	
10	QPSK	50	0	22.99	23.00	22.96	
10	16QAM	1	0	23.22	23.30	23.26	24.2
10	16QAM	1	25	23.18	23.24	23.22	
10	16QAM	1	49	23.28	23.28	23.24	
10	16QAM	25	0	21.97	21.98	21.95	23.2
10	16QAM	25	12	22.00	21.98	21.95	
10	16QAM	25	25	22.02	22.05	21.97	
10	16QAM	50	0	22.06	22.06	21.99	
10	64QAM	1	0	22.19	22.09	22.09	23.2
10	64QAM	1	25	22.14	22.06	22.09	
10	64QAM	1	49	22.20	22.16	22.15	
10	64QAM	25	0	21.00	21.02	20.98	22.2
10	64QAM	25	12	21.00	21.02	20.98	
10	64QAM	25	25	21.03	21.05	21.02	
10	64QAM	50	0	21.11	21.07	21.03	
10	256QAM	1	0	19.25	19.18	19.27	20.2
10	256QAM	1	25	19.19	19.18	19.21	
10	256QAM	1	49	19.09	19.07	19.12	
10	256QAM	25	0	19.39	19.39	19.36	20.2
10	256QAM	25	12	19.32	19.29	19.31	
10	256QAM	25	25	19.24	19.26	19.30	
10	256QAM	50	0	19.32	19.32	19.30	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.87	23.93	23.83	25.2
5	QPSK	1	12	23.93	23.93	23.88	
5	QPSK	1	24	23.89	23.92	23.80	
5	QPSK	12	0	22.92	22.97	22.87	24.2
5	QPSK	12	7	22.95	23.00	22.89	
5	QPSK	12	13	22.94	22.99	22.88	
5	QPSK	25	0	22.95	22.95	22.85	
5	16QAM	1	0	23.16	23.25	23.11	24.2
5	16QAM	1	12	23.24	23.31	23.20	
5	16QAM	1	24	23.21	23.30	23.10	
5	16QAM	12	0	21.96	22.03	21.93	23.2
5	16QAM	12	7	21.96	22.05	21.97	
5	16QAM	12	13	22.00	22.07	21.96	
5	16QAM	25	0	21.98	22.03	21.95	
5	64QAM	1	0	22.10	22.16	22.06	23.2
5	64QAM	1	12	21.94	22.16	22.07	
5	64QAM	1	24	22.05	22.18	22.06	
5	64QAM	12	0	20.97	21.05	20.96	22.2
5	64QAM	12	7	20.97	21.03	20.97	
5	64QAM	12	13	20.97	21.04	20.96	
5	64QAM	25	0	20.98	21.01	20.94	
5	256QAM	1	0	19.24	19.21	19.21	20.2
5	256QAM	1	12	19.11	19.09	19.14	
5	256QAM	1	24	19.04	18.98	19.12	
5	256QAM	12	0	19.35	19.29	19.35	20.2
5	256QAM	12	7	19.28	19.23	19.24	
5	256QAM	12	13	19.20	19.19	19.29	
5	256QAM	25	0	19.32	19.27	19.29	

Band 25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.38	23.59	23.40	25.2
20	QPSK	1	49	23.24	23.35	23.35	
20	QPSK	1	99	23.22	23.32	23.29	
20	QPSK	50	0	22.38	22.49	22.45	24.2
20	QPSK	50	24	22.37	22.48	22.44	
20	QPSK	50	50	22.35	22.43	22.43	
20	QPSK	100	0	22.37	22.45	22.44	
20	16QAM	1	0	22.55	22.78	22.67	24.2
20	16QAM	1	49	22.55	22.67	22.69	
20	16QAM	1	99	22.57	22.64	22.65	
20	16QAM	50	0	21.38	21.47	21.43	23.2
20	16QAM	50	24	21.38	21.47	21.45	
20	16QAM	50	50	21.38	21.44	21.45	
20	16QAM	100	0	21.37	21.46	21.42	
20	64QAM	1	0	21.47	21.64	21.50	23.2
20	64QAM	1	49	21.41	21.51	21.50	
20	64QAM	1	99	21.51	21.52	21.50	
20	64QAM	50	0	20.42	20.52	20.44	22.2
20	64QAM	50	24	20.44	20.52	20.49	
20	64QAM	50	50	20.42	20.49	20.48	
20	64QAM	100	0	20.42	20.50	20.45	
20	256QAM	1	0	18.54	18.64	18.73	20.2
20	256QAM	1	49	18.60	18.47	18.65	
20	256QAM	1	99	18.62	18.59	18.80	
20	256QAM	50	0	18.54	18.65	18.56	20.2
20	256QAM	50	24	18.65	18.58	18.61	
20	256QAM	50	50	18.60	18.58	18.70	
20	256QAM	100	0	18.67	18.60	18.58	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.30	23.48	23.46	25.2
15	QPSK	1	37	23.23	23.32	23.31	
15	QPSK	1	74	23.29	23.38	23.32	
15	QPSK	36	0	22.37	22.51	22.47	24.2
15	QPSK	36	20	22.40	22.50	22.49	
15	QPSK	36	39	22.40	22.49	22.48	
15	QPSK	75	0	22.40	22.50	22.45	
15	16QAM	1	0	22.61	22.78	22.73	24.2
15	16QAM	1	37	22.65	22.75	22.76	
15	16QAM	1	74	22.63	22.69	22.68	
15	16QAM	36	0	21.40	21.53	21.48	23.2
15	16QAM	36	20	21.42	21.52	21.50	
15	16QAM	36	39	21.42	21.50	21.50	
15	16QAM	75	0	21.42	21.53	21.46	
15	64QAM	1	0	21.45	21.70	21.68	23.2
15	64QAM	1	37	21.41	21.45	21.48	
15	64QAM	1	74	21.55	21.58	21.53	
15	64QAM	36	0	20.43	20.56	20.50	22.2
15	64QAM	36	20	20.44	20.55	20.52	
15	64QAM	36	39	20.46	20.55	20.54	
15	64QAM	75	0	20.43	20.55	20.48	
15	256QAM	1	0	18.53	18.63	18.64	20.2
15	256QAM	1	37	18.50	18.40	18.58	
15	256QAM	1	74	18.54	18.50	18.78	
15	256QAM	36	0	18.49	18.55	18.56	20.2
15	256QAM	36	20	18.59	18.52	18.61	
15	256QAM	36	39	18.53	18.46	18.63	
15	256QAM	75	0	18.59	18.60	18.49	
Channel				26090	26340	26840	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.33	23.51	23.53	25.2
10	QPSK	1	25	23.22	23.37	23.39	
10	QPSK	1	49	23.32	23.46	23.42	
10	QPSK	25	0	22.38	22.55	22.53	24.2
10	QPSK	25	12	22.39	22.55	22.55	
10	QPSK	25	25	22.40	22.54	22.56	
10	QPSK	50	0	22.44	22.58	22.56	
10	16QAM	1	0	22.69	22.86	22.79	24.2
10	16QAM	1	25	22.64	22.70	22.69	
10	16QAM	1	49	22.70	22.70	22.71	
10	16QAM	25	0	21.42	21.57	21.55	23.2
10	16QAM	25	12	21.43	21.55	21.55	
10	16QAM	25	25	21.44	21.55	21.55	
10	16QAM	50	0	21.45	21.59	21.55	
10	64QAM	1	0	21.48	21.63	21.68	23.2
10	64QAM	1	25	21.52	21.59	21.65	
10	64QAM	1	49	21.55	21.60	21.61	
10	64QAM	25	0	20.42	20.58	20.56	22.2
10	64QAM	25	12	20.45	20.56	20.57	
10	64QAM	25	25	20.45	20.59	20.60	
10	64QAM	50	0	20.47	20.62	20.60	
10	256QAM	1	0	18.53	18.64	18.65	20.2
10	256QAM	1	25	18.60	18.40	18.58	
10	256QAM	1	49	18.52	18.59	18.70	
10	256QAM	25	0	18.54	18.59	18.51	20.2
10	256QAM	25	12	18.63	18.51	18.59	
10	256QAM	25	25	18.56	18.48	18.62	
10	256QAM	50	0	18.64	18.58	18.56	
Channel				26065	26340	26865	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.27	23.45	23.41	25.2
5	QPSK	1	12	23.35	23.46	23.40	
5	QPSK	1	24	23.31	23.41	23.32	
5	QPSK	12	0	22.33	22.48	22.43	24.2
5	QPSK	12	7	22.36	22.49	22.44	
5	QPSK	12	13	22.33	22.47	22.41	
5	QPSK	25	0	22.35	22.51	22.45	
5	16QAM	1	0	22.58	22.74	22.68	24.2
5	16QAM	1	12	22.63	22.71	22.65	
5	16QAM	1	24	22.56	22.67	22.58	
5	16QAM	12	0	21.40	21.53	21.46	23.2
5	16QAM	12	7	21.39	21.53	21.49	
5	16QAM	12	13	21.39	21.51	21.48	
5	16QAM	25	0	21.39	21.53	21.46	
5	64QAM	1	0	21.46	21.58	21.51	23.2
5	64QAM	1	12	21.48	21.47	21.39	
5	64QAM	1	24	21.50	21.51	21.43	
5	64QAM	12	0	20.37	20.52	20.45	22.2
5	64QAM	12	7	20.38	20.53	20.46	
5	64QAM	12	13	20.40	20.53	20.47	
5	64QAM	25	0	20.40	20.53	20.45	
5	256QAM	1	0	18.53	18.60	18.72	20.2
5	256QAM	1	12	18.53	18.41	18.60	
5	256QAM	1	24	18.57	18.50	18.79	
5	256QAM	12	0	18.51	18.59	18.50	20.2
5	256QAM	12	7	18.59	18.47	18.60	
5	256QAM	12	13	18.57	18.56	18.63	
5	256QAM	25	0	18.60	18.52	18.57	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.34	23.46	23.42	25.2
3	QPSK	1	8	23.27	23.42	23.31	
3	QPSK	1	14	23.32	23.43	23.29	
3	QPSK	8	0	22.37	22.50	22.38	24.2
3	QPSK	8	4	22.36	22.48	22.37	
3	QPSK	8	7	22.40	22.49	22.39	
3	QPSK	15	0	22.38	22.50	22.39	
3	16QAM	1	0	22.60	22.70	22.63	24.2
3	16QAM	1	8	22.54	22.66	22.55	
3	16QAM	1	14	22.60	22.66	22.55	
3	16QAM	8	0	21.40	21.52	21.42	23.2
3	16QAM	8	4	21.40	21.56	21.45	
3	16QAM	8	7	21.43	21.57	21.50	
3	16QAM	15	0	21.42	21.54	21.44	
3	64QAM	1	0	21.50	21.61	21.54	23.2
3	64QAM	1	8	21.49	21.51	21.44	
3	64QAM	1	14	21.50	21.57	21.47	
3	64QAM	8	0	20.41	20.51	20.42	22.2
3	64QAM	8	4	20.42	20.52	20.43	
3	64QAM	8	7	20.47	20.54	20.47	
3	64QAM	15	0	20.42	20.53	20.46	
3	256QAM	1	0	18.46	18.61	18.65	20.2
3	256QAM	1	8	18.52	18.42	18.65	
3	256QAM	1	14	18.52	18.55	18.80	
3	256QAM	8	0	18.49	18.63	18.52	20.2
3	256QAM	8	4	18.55	18.53	18.60	
3	256QAM	8	7	18.50	18.46	18.66	
3	256QAM	15	0	18.63	18.51	18.57	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.34	23.45	23.33	25.2
1.4	QPSK	1	3	23.24	23.36	23.23	
1.4	QPSK	1	5	23.35	23.43	23.24	
1.4	QPSK	3	0	23.31	23.45	23.29	
1.4	QPSK	3	1	23.35	23.45	23.33	
1.4	QPSK	3	3	23.31	23.44	23.29	
1.4	QPSK	6	0	22.31	22.46	22.32	24.2
1.4	16QAM	1	0	22.55	22.71	22.56	24.2
1.4	16QAM	1	3	22.48	22.54	22.45	
1.4	16QAM	1	5	22.60	22.68	22.50	
1.4	16QAM	3	0	22.46	22.56	22.44	
1.4	16QAM	3	1	22.50	22.57	22.43	
1.4	16QAM	3	3	22.48	22.49	22.37	
1.4	16QAM	6	0	21.39	21.52	21.38	23.2
1.4	64QAM	1	0	21.47	21.59	21.51	23.2
1.4	64QAM	1	3	21.40	21.53	21.41	
1.4	64QAM	1	5	21.49	21.54	21.46	
1.4	64QAM	3	0	21.46	21.57	21.44	
1.4	64QAM	3	1	21.52	21.62	21.50	
1.4	64QAM	3	3	21.48	21.59	21.45	
1.4	64QAM	6	0	20.36	20.47	20.35	22.2
1.4	256QAM	1	0	18.52	18.61	18.68	20.2
1.4	256QAM	1	3	18.52	18.43	18.59	
1.4	256QAM	1	5	18.57	18.51	18.75	
1.4	256QAM	3	0	18.45	18.56	18.46	
1.4	256QAM	3	1	18.62	18.49	18.55	
1.4	256QAM	3	3	18.58	18.46	18.65	
1.4	256QAM	6	0	18.58	18.55	18.55	20.2

Band 26_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26705	26865	26985	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.42	24.46	24.39	25.2
15	QPSK	1	37	23.97	24.27	24.19	
15	QPSK	1	74	24.09	24.36	24.22	
15	QPSK	36	0	23.19	23.48	23.45	24.2
15	QPSK	36	20	23.18	23.47	23.43	
15	QPSK	36	39	23.15	23.46	23.39	
15	QPSK	75	0	23.16	23.45	23.40	
15	16QAM	1	0	23.45	23.86	23.80	24.2
15	16QAM	1	37	23.48	23.73	23.78	
15	16QAM	1	74	23.56	23.73	23.53	
15	16QAM	36	0	22.18	22.47	22.45	23.2
15	16QAM	36	20	22.18	22.47	22.45	
15	16QAM	36	39	22.18	22.48	22.41	
15	16QAM	75	0	22.15	22.46	22.42	
15	64QAM	1	0	22.28	22.62	22.59	23.2
15	64QAM	1	37	22.36	22.57	22.58	
15	64QAM	1	74	22.37	22.55	22.45	
15	64QAM	36	0	21.18	21.54	21.53	22.2
15	64QAM	36	20	21.19	21.55	21.54	
15	64QAM	36	39	21.20	21.54	21.49	
15	64QAM	75	0	21.15	21.51	21.46	
15	256QAM	1	0	18.71	19.76	19.69	20.2
15	256QAM	1	37	19.68	19.74	19.53	
15	256QAM	1	74	19.64	19.61	19.65	
15	256QAM	36	0	19.64	19.79	19.71	20.2
15	256QAM	36	20	19.60	19.60	19.52	
15	256QAM	36	39	19.63	19.60	19.48	
15	256QAM	75	0	19.69	19.73	19.68	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.34	24.45	24.42	25.2
10	QPSK	1	25	24.22	24.27	24.26	
10	QPSK	1	49	24.27	24.34	24.24	
10	QPSK	25	0	23.35	23.42	23.38	24.2
10	QPSK	25	12	23.31	23.40	23.35	
10	QPSK	25	25	23.30	23.41	23.36	
10	QPSK	50	0	23.34	23.45	23.44	
10	16QAM	1	0	23.58	23.75	23.75	24.2
10	16QAM	1	25	23.61	23.68	23.72	
10	16QAM	1	49	23.61	23.70	23.54	
10	16QAM	25	0	22.35	22.45	22.45	23.2
10	16QAM	25	12	22.34	22.46	22.42	
10	16QAM	25	25	22.33	22.47	22.44	
10	16QAM	50	0	22.36	22.51	22.50	
10	64QAM	1	0	22.42	22.63	22.61	23.2
10	64QAM	1	25	22.40	22.59	22.57	
10	64QAM	1	49	22.48	22.63	22.52	
10	64QAM	25	0	21.36	21.48	21.48	22.2
10	64QAM	25	12	21.37	21.48	21.45	
10	64QAM	25	25	21.39	21.47	21.43	
10	64QAM	50	0	21.42	21.55	21.51	
10	256QAM	1	0	18.63	19.71	19.68	20.2
10	256QAM	1	25	19.61	19.71	19.53	
10	256QAM	1	49	19.61	19.52	19.64	
10	256QAM	25	0	19.55	19.72	19.71	20.2
10	256QAM	25	12	19.58	19.56	19.50	
10	256QAM	25	25	19.61	19.55	19.48	
10	256QAM	50	0	19.66	19.72	19.60	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.30	24.44	24.39	25.2
5	QPSK	1	12	24.36	24.44	24.39	
5	QPSK	1	24	24.26	24.40	24.24	
5	QPSK	12	0	23.33	23.49	23.41	24.2
5	QPSK	12	7	23.35	23.48	23.42	
5	QPSK	12	13	23.33	23.48	23.39	
5	QPSK	25	0	23.29	23.48	23.38	
5	16QAM	1	0	23.58	23.74	23.71	24.2
5	16QAM	1	12	23.74	23.79	23.72	
5	16QAM	1	24	23.66	23.71	23.54	
5	16QAM	12	0	22.37	22.50	22.48	23.2
5	16QAM	12	7	22.42	22.50	22.49	
5	16QAM	12	13	22.41	22.50	22.45	
5	16QAM	25	0	22.34	22.48	22.44	
5	64QAM	1	0	22.45	22.61	22.62	23.2
5	64QAM	1	12	22.58	22.52	22.42	
5	64QAM	1	24	22.62	22.64	22.56	
5	64QAM	12	0	21.41	21.54	21.51	22.2
5	64QAM	12	7	21.45	21.52	21.47	
5	64QAM	12	13	21.45	21.51	21.47	
5	64QAM	25	0	21.38	21.51	21.45	
5	256QAM	1	0	18.61	19.71	19.60	20.2
5	256QAM	1	12	19.61	19.66	19.45	
5	256QAM	1	24	19.60	19.54	19.61	
5	256QAM	12	0	19.56	19.71	19.68	20.2
5	256QAM	12	7	19.54	19.57	19.48	
5	256QAM	12	13	19.61	19.57	19.44	
5	256QAM	25	0	19.65	19.68	19.63	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.40	24.45	24.41	25.2
3	QPSK	1	8	24.33	24.41	24.32	
3	QPSK	1	14	24.36	24.45	24.28	
3	QPSK	8	0	23.41	23.47	23.41	24.2
3	QPSK	8	4	23.41	23.48	23.41	
3	QPSK	8	7	23.42	23.50	23.41	
3	QPSK	15	0	23.40	23.48	23.40	
3	16QAM	1	0	23.66	23.77	23.72	24.2
3	16QAM	1	8	23.65	23.73	23.61	
3	16QAM	1	14	23.69	23.75	23.63	
3	16QAM	8	0	22.41	22.51	22.48	23.2
3	16QAM	8	4	22.46	22.56	22.47	
3	16QAM	8	7	22.51	22.61	22.55	
3	16QAM	15	0	22.43	22.55	22.52	
3	64QAM	1	0	22.60	22.72	22.67	23.2
3	64QAM	1	8	22.58	22.66	22.60	
3	64QAM	1	14	22.61	22.69	22.64	
3	64QAM	8	0	21.44	21.56	21.51	22.2
3	64QAM	8	4	21.49	21.57	21.51	
3	64QAM	8	7	21.54	21.57	21.53	
3	64QAM	15	0	21.48	21.57	21.54	
3	256QAM	1	0	18.67	19.72	19.66	20.2
3	256QAM	1	8	19.65	19.73	19.46	
3	256QAM	1	14	19.62	19.55	19.61	
3	256QAM	8	0	19.60	19.78	19.67	20.2
3	256QAM	8	4	19.50	19.54	19.50	
3	256QAM	8	7	19.61	19.55	19.45	
3	256QAM	15	0	19.64	19.73	19.67	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.37	24.44	24.35	25.2
1.4	QPSK	1	3	24.33	24.38	24.24	
1.4	QPSK	1	5	24.35	24.45	24.25	
1.4	QPSK	3	0	24.34	24.44	24.31	
1.4	QPSK	3	1	24.43	24.45	24.35	
1.4	QPSK	3	3	24.34	24.38	24.25	
1.4	QPSK	6	0	23.33	23.45	23.29	24.2
1.4	16QAM	1	0	23.60	23.75	23.60	24.2
1.4	16QAM	1	3	23.51	23.63	23.43	
1.4	16QAM	1	5	23.60	23.71	23.54	
1.4	16QAM	3	0	23.48	23.59	23.48	
1.4	16QAM	3	1	23.51	23.61	23.51	
1.4	16QAM	3	3	23.46	23.54	23.43	
1.4	16QAM	6	0	22.37	22.50	22.45	23.2
1.4	64QAM	1	0	22.51	22.66	22.54	23.2
1.4	64QAM	1	3	22.42	22.52	22.45	
1.4	64QAM	1	5	22.56	22.66	22.55	
1.4	64QAM	3	0	22.47	22.59	22.50	
1.4	64QAM	3	1	22.46	22.57	22.54	
1.4	64QAM	3	3	22.48	22.59	22.55	
1.4	64QAM	6	0	21.37	21.49	21.43	22.2
1.4	256QAM	1	0	18.61	19.74	19.65	20.2
1.4	256QAM	1	3	19.58	19.69	19.47	
1.4	256QAM	1	5	19.58	19.58	19.57	
1.4	256QAM	3	0	19.58	19.75	19.66	
1.4	256QAM	3	1	19.51	19.54	19.46	
1.4	256QAM	3	3	19.60	19.59	19.45	
1.4	256QAM	6	0	19.60	19.66	19.61	20.2

Band 30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		23.66		25
10	QPSK	1	25		23.61		
10	QPSK	1	49		23.63		
10	QPSK	25	0		20.69		22
10	QPSK	25	12		20.67		
10	QPSK	25	25		20.68		
10	QPSK	50	0		20.74		
10	16QAM	1	0		23.03		24
10	16QAM	1	25		23.00		
10	16QAM	1	49		22.96		
10	16QAM	25	0		20.74		22
10	16QAM	25	12		20.75		
10	16QAM	25	25		20.78		
10	16QAM	50	0		20.77		
10	64QAM	1	0		21.91		23
10	64QAM	1	25		21.90		
10	64QAM	1	49		21.92		
10	64QAM	25	0		20.77		22
10	64QAM	25	12		20.77		
10	64QAM	25	25		20.77		
10	64QAM	50	0		20.79		
10	256QAM	1	0		19.19		20
10	256QAM	1	25		19.04		
10	256QAM	1	49		19.04		
10	256QAM	25	0		19.06		20
10	256QAM	25	12		18.95		
10	256QAM	25	25		18.89		
10	256QAM	50	0		18.98		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.58	23.57	23.58	25
5	QPSK	1	12	23.51	23.60	23.60	
5	QPSK	1	24	23.58	23.55	23.56	
5	QPSK	12	0	20.67	20.60	20.66	22
5	QPSK	12	7	20.62	20.68	20.67	
5	QPSK	12	13	20.63	20.68	20.65	
5	QPSK	25	0	20.65	20.73	20.64	
5	16QAM	1	0	22.94	22.98	22.97	24
5	16QAM	1	12	22.95	22.95	23.00	
5	16QAM	1	24	22.92	22.88	22.95	
5	16QAM	12	0	20.74	20.67	20.68	22
5	16QAM	12	7	20.65	20.74	20.69	
5	16QAM	12	13	20.75	20.71	20.75	
5	16QAM	25	0	20.75	20.76	20.72	
5	64QAM	1	0	21.91	21.81	21.89	23
5	64QAM	1	12	21.84	21.89	21.89	
5	64QAM	1	24	21.90	21.90	21.89	
5	64QAM	12	0	20.72	20.71	20.67	22
5	64QAM	12	7	20.71	20.67	20.69	
5	64QAM	12	13	20.74	20.72	20.68	
5	64QAM	25	0	20.78	20.71	20.72	
5	256QAM	1	0	19.12	19.11	19.13	20
5	256QAM	1	12	18.98	18.97	18.99	
5	256QAM	1	24	18.95	18.98	18.94	
5	256QAM	12	0	19.02	19.02	19.05	20
5	256QAM	12	7	18.92	18.88	18.93	
5	256QAM	12	13	18.81	18.89	18.85	
5	256QAM	25	0	18.94	18.90	18.92	

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.62	23.64	23.63	25.2
20	QPSK	1	49	23.61	23.59	23.51	
20	QPSK	1	99	23.61	23.58	23.49	
20	QPSK	50	0	22.72	22.73	22.66	24.2
20	QPSK	50	24	22.71	22.68	22.65	
20	QPSK	50	50	22.70	22.69	22.58	
20	QPSK	100	0	22.69	22.70	22.60	
20	16QAM	1	0	22.90	22.88	22.86	24.2
20	16QAM	1	49	22.89	22.81	22.81	
20	16QAM	1	99	22.93	22.79	22.80	
20	16QAM	50	0	21.71	21.59	21.63	23.2
20	16QAM	50	24	21.74	21.60	21.63	
20	16QAM	50	50	21.75	21.60	21.61	
20	16QAM	100	0	21.72	21.59	21.64	
20	64QAM	1	0	21.73	21.75	21.76	23.2
20	64QAM	1	49	21.74	21.66	21.67	
20	64QAM	1	99	21.82	21.65	21.69	
20	64QAM	50	0	20.75	20.66	20.70	22.2
20	64QAM	50	24	20.78	20.66	20.69	
20	64QAM	50	50	20.76	20.60	20.68	
20	64QAM	100	0	20.74	20.63	20.68	
20	256QAM	1	0	18.58	18.74	18.73	20.2
20	256QAM	1	49	18.64	18.51	18.74	
20	256QAM	1	99	18.72	18.65	18.81	
20	256QAM	50	0	18.64	18.72	18.56	20.2
20	256QAM	50	24	18.73	18.68	18.65	
20	256QAM	50	50	18.65	18.64	18.70	
20	256QAM	100	0	18.76	18.61	18.60	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.60	23.57	23.58	25.2
15	QPSK	1	37	23.60	23.53	23.55	
15	QPSK	1	74	23.59	23.53	23.56	
15	QPSK	36	0	22.74	22.63	22.64	24.2
15	QPSK	36	20	22.74	22.63	22.63	
15	QPSK	36	39	22.74	22.61	22.64	
15	QPSK	75	0	22.75	22.62	22.64	
15	16QAM	1	0	22.95	22.89	22.92	24.2
15	16QAM	1	37	23.01	22.95	22.90	
15	16QAM	1	74	22.97	22.84	22.86	
15	16QAM	36	0	21.72	21.64	21.61	23.2
15	16QAM	36	20	21.72	21.66	21.65	
15	16QAM	36	39	21.76	21.65	21.67	
15	16QAM	75	0	21.77	21.65	21.68	
15	64QAM	1	0	21.86	21.79	21.80	23.2
15	64QAM	1	37	21.73	21.78	21.61	
15	64QAM	1	74	21.81	21.68	21.73	
15	64QAM	36	0	20.76	20.70	20.68	22.2
15	64QAM	36	20	20.78	20.68	20.69	
15	64QAM	36	39	20.81	20.70	20.72	
15	64QAM	75	0	20.79	20.70	20.72	
15	256QAM	1	0	18.58	18.74	18.65	20.2
15	256QAM	1	37	18.57	18.43	18.74	
15	256QAM	1	74	18.66	18.57	18.73	
15	256QAM	36	0	18.62	18.71	18.52	20.2
15	256QAM	36	20	18.73	18.61	18.62	
15	256QAM	36	39	18.57	18.60	18.61	
15	256QAM	75	0	18.71	18.60	18.60	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.60	23.52	23.53	25.2
10	QPSK	1	25	23.49	23.45	23.46	
10	QPSK	1	49	23.56	23.45	23.44	
10	QPSK	25	0	22.57	22.53	22.51	24.2
10	QPSK	25	12	22.58	22.51	22.50	
10	QPSK	25	25	22.57	22.51	22.51	
10	QPSK	50	0	22.60	22.54	22.54	
10	16QAM	1	0	22.87	22.81	22.78	24.2
10	16QAM	1	25	22.80	22.80	22.72	
10	16QAM	1	49	22.85	22.78	22.77	
10	16QAM	25	0	21.61	21.57	21.53	23.2
10	16QAM	25	12	21.61	21.55	21.54	
10	16QAM	25	25	21.62	21.56	21.57	
10	16QAM	50	0	21.62	21.58	21.57	
10	64QAM	1	0	21.68	21.71	21.60	23.2
10	64QAM	1	25	21.70	21.64	21.72	
10	64QAM	1	49	21.70	21.66	21.74	
10	64QAM	25	0	20.62	20.57	20.56	22.2
10	64QAM	25	12	20.61	20.57	20.57	
10	64QAM	25	25	20.64	20.59	20.59	
10	64QAM	50	0	20.65	20.61	20.61	
10	256QAM	1	0	18.52	18.74	18.69	20.2
10	256QAM	1	25	18.64	18.43	18.73	
10	256QAM	1	49	18.64	18.58	18.74	
10	256QAM	25	0	18.57	18.62	18.52	20.2
10	256QAM	25	12	18.71	18.65	18.61	
10	256QAM	25	25	18.60	18.60	18.67	
10	256QAM	50	0	18.68	18.61	18.50	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.59	23.61	23.61	25.2
5	QPSK	1	12	23.62	23.57	23.61	
5	QPSK	1	24	23.55	23.55	23.55	
5	QPSK	12	0	22.58	22.59	22.57	24.2
5	QPSK	12	7	22.58	22.60	22.60	
5	QPSK	12	13	22.57	22.58	22.58	
5	QPSK	25	0	22.58	22.58	22.58	
5	16QAM	1	0	22.84	22.87	22.87	24.2
5	16QAM	1	12	22.84	22.91	22.90	
5	16QAM	1	24	22.76	22.84	22.82	
5	16QAM	12	0	21.61	21.65	21.63	23.2
5	16QAM	12	7	21.63	21.67	21.66	
5	16QAM	12	13	21.62	21.69	21.65	
5	16QAM	25	0	21.62	21.64	21.63	
5	64QAM	1	0	21.66	21.78	21.77	23.2
5	64QAM	1	12	21.66	21.71	21.78	
5	64QAM	1	24	21.73	21.75	21.80	
5	64QAM	12	0	20.63	20.67	20.68	22.2
5	64QAM	12	7	20.63	20.68	20.70	
5	64QAM	12	13	20.62	20.67	20.71	
5	64QAM	25	0	20.65	20.65	20.67	
5	256QAM	1	0	18.53	18.72	18.73	20.2
5	256QAM	1	12	18.62	18.42	18.71	
5	256QAM	1	24	18.65	18.58	18.78	
5	256QAM	12	0	18.58	18.66	18.52	20.2
5	256QAM	12	7	18.73	18.59	18.55	
5	256QAM	12	13	18.64	18.62	18.68	
5	256QAM	25	0	18.74	18.55	18.50	
Channel				131667	132322	132982	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.58	23.58	23.61	25.2
3	QPSK	1	8	23.53	23.53	23.55	
3	QPSK	1	14	23.58	23.53	23.56	
3	QPSK	8	0	22.63	22.57	22.59	24.2
3	QPSK	8	4	22.66	22.60	22.62	
3	QPSK	8	7	22.67	22.61	22.63	
3	QPSK	15	0	22.66	22.61	22.62	
3	16QAM	1	0	22.88	22.85	22.76	24.2
3	16QAM	1	8	22.80	22.80	22.73	
3	16QAM	1	14	22.86	22.82	22.77	
3	16QAM	8	0	21.70	21.65	21.67	23.2
3	16QAM	8	4	21.70	21.64	21.69	
3	16QAM	8	7	21.78	21.73	21.70	
3	16QAM	15	0	21.71	21.67	21.69	
3	64QAM	1	0	21.78	21.75	21.74	23.2
3	64QAM	1	8	21.78	21.76	21.74	
3	64QAM	1	14	21.83	21.78	21.78	
3	64QAM	8	0	20.74	20.69	20.69	22.2
3	64QAM	8	4	20.73	20.70	20.73	
3	64QAM	8	7	20.78	20.73	20.75	
3	64QAM	15	0	20.72	20.67	20.67	
3	256QAM	1	0	18.50	18.74	18.72	20.2
3	256QAM	1	8	18.55	18.48	18.67	
3	256QAM	1	14	18.69	18.65	18.74	
3	256QAM	8	0	18.58	18.68	18.53	20.2
3	256QAM	8	4	18.65	18.61	18.62	
3	256QAM	8	7	18.58	18.62	18.63	
3	256QAM	15	0	18.68	18.57	18.57	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.52	23.52	23.56	25.2
1.4	QPSK	1	3	23.46	23.43	23.48	
1.4	QPSK	1	5	23.54	23.50	23.53	
1.4	QPSK	3	0	23.56	23.51	23.56	
1.4	QPSK	3	1	23.58	23.55	23.57	
1.4	QPSK	3	3	23.54	23.50	23.55	
1.4	QPSK	6	0	22.56	22.50	22.54	24.2
1.4	16QAM	1	0	22.77	22.80	22.73	24.2
1.4	16QAM	1	3	22.69	22.70	22.66	
1.4	16QAM	1	5	22.83	22.77	22.76	
1.4	16QAM	3	0	22.70	22.62	22.68	
1.4	16QAM	3	1	22.75	22.67	22.67	
1.4	16QAM	3	3	22.70	22.61	22.67	
1.4	16QAM	6	0	21.63	21.57	21.59	23.2
1.4	64QAM	1	0	21.74	21.67	21.73	23.2
1.4	64QAM	1	3	21.66	21.63	21.64	
1.4	64QAM	1	5	21.76	21.72	21.71	
1.4	64QAM	3	0	21.75	21.68	21.72	
1.4	64QAM	3	1	21.79	21.74	21.81	
1.4	64QAM	3	3	21.73	21.70	21.73	
1.4	64QAM	6	0	20.63	20.59	20.58	22.2
1.4	256QAM	1	0	18.57	18.70	18.71	20.2
1.4	256QAM	1	3	18.61	18.50	18.65	
1.4	256QAM	1	5	18.62	18.62	18.75	
1.4	256QAM	3	0	18.57	18.65	18.46	
1.4	256QAM	3	1	18.63	18.61	18.65	
1.4	256QAM	3	3	18.65	18.57	18.67	
1.4	256QAM	6	0	18.75	18.58	18.57	20.2

Band 71_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.01	24.03	24.01	25.2
20	QPSK	1	49	24.00	23.95	23.90	
20	QPSK	1	99	23.99	23.94	23.88	
20	QPSK	50	0	23.18	23.20	22.95	24.2
20	QPSK	50	24	23.17	23.15	22.94	
20	QPSK	50	50	23.12	23.10	22.92	
20	QPSK	100	0	23.15	23.16	22.91	
20	16QAM	1	0	23.34	23.25	23.22	24.2
20	16QAM	1	49	23.34	23.29	23.25	
20	16QAM	1	99	23.36	23.27	23.20	
20	16QAM	50	0	22.14	21.97	21.96	23.2
20	16QAM	50	24	22.19	22.05	21.99	
20	16QAM	50	50	22.16	22.05	22.00	
20	16QAM	100	0	22.14	22.01	21.99	
20	64QAM	1	0	22.27	22.12	22.16	23.2
20	64QAM	1	49	22.32	22.24	22.20	
20	64QAM	1	99	22.35	22.24	22.14	
20	64QAM	50	0	21.15	21.03	21.01	22.2
20	64QAM	50	24	21.19	21.06	21.04	
20	64QAM	50	50	21.16	21.05	21.04	
20	64QAM	100	0	21.15	21.02	20.99	
20	256QAM	1	0	19.29	19.22	19.36	20.2
20	256QAM	1	49	19.21	19.25	19.28	
20	256QAM	1	99	19.14	19.13	19.18	
20	256QAM	50	0	19.41	19.46	19.43	20.2
20	256QAM	50	24	19.34	19.31	19.39	
20	256QAM	50	50	19.34	19.26	19.30	
20	256QAM	100	0	19.41	19.36	19.39	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.93	23.91	23.88	25.2
15	QPSK	1	37	23.77	23.77	23.88	
15	QPSK	1	74	23.89	23.87	23.83	
15	QPSK	36	0	22.99	22.96	22.89	24.2
15	QPSK	36	20	22.99	22.96	22.95	
15	QPSK	36	39	22.97	22.95	22.94	
15	QPSK	75	0	22.97	22.92	22.92	
15	16QAM	1	0	23.24	23.24	23.27	24.2
15	16QAM	1	37	23.30	23.37	23.25	
15	16QAM	1	74	23.29	23.27	23.11	
15	16QAM	36	0	22.00	21.96	21.95	23.2
15	16QAM	36	20	22.00	21.99	21.97	
15	16QAM	36	39	22.00	22.01	21.96	
15	16QAM	75	0	21.97	21.93	21.93	
15	64QAM	1	0	22.10	22.03	22.14	23.2
15	64QAM	1	37	22.08	22.09	22.11	
15	64QAM	1	74	22.18	22.15	22.07	
15	64QAM	36	0	21.06	21.00	21.00	22.2
15	64QAM	36	20	21.06	21.07	21.01	
15	64QAM	36	39	21.06	21.09	21.01	
15	64QAM	75	0	20.99	20.98	20.96	
15	256QAM	1	0	19.24	19.20	19.31	20.2
15	256QAM	1	37	19.15	19.24	19.23	
15	256QAM	1	74	19.06	19.05	19.17	
15	256QAM	36	0	19.35	19.38	19.39	20.2
15	256QAM	36	20	19.33	19.24	19.34	
15	256QAM	36	39	19.30	19.20	19.28	
15	256QAM	75	0	19.38	19.35	19.30	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	23.93	23.90	23.84	25.2
10	QPSK	1	25	23.75	23.77	23.75	
10	QPSK	1	49	23.89	23.89	23.80	
10	QPSK	25	0	22.94	22.93	22.83	24.2
10	QPSK	25	12	22.92	22.95	22.86	
10	QPSK	25	25	22.89	22.93	22.89	
10	QPSK	50	0	22.96	22.97	22.90	
10	16QAM	1	0	23.17	23.19	23.20	24.2
10	16QAM	1	25	23.21	23.21	23.16	
10	16QAM	1	49	23.28	23.33	23.11	
10	16QAM	25	0	21.99	21.96	21.90	23.2
10	16QAM	25	12	22.00	21.96	21.91	
10	16QAM	25	25	22.00	21.98	21.92	
10	16QAM	50	0	22.02	21.98	21.94	
10	64QAM	1	0	22.08	22.05	22.06	23.2
10	64QAM	1	25	22.16	22.07	22.04	
10	64QAM	1	49	22.18	22.22	22.11	
10	64QAM	25	0	20.99	20.97	20.90	22.2
10	64QAM	25	12	21.03	20.99	20.95	
10	64QAM	25	25	21.04	21.00	20.97	
10	64QAM	50	0	21.07	21.03	20.99	
10	256QAM	1	0	19.27	19.19	19.26	20.2
10	256QAM	1	25	19.16	19.19	19.28	
10	256QAM	1	49	19.09	19.11	19.10	
10	256QAM	25	0	19.37	19.38	19.40	20.2
10	256QAM	25	12	19.26	19.25	19.38	
10	256QAM	25	25	19.26	19.24	19.29	
10	256QAM	50	0	19.39	19.36	19.39	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.00	23.95	23.90	25.2
5	QPSK	1	12	24.01	24.02	23.99	
5	QPSK	1	24	23.95	23.96	23.92	
5	QPSK	12	0	23.01	23.01	22.92	24.2
5	QPSK	12	7	23.04	23.04	22.95	
5	QPSK	12	13	23.03	23.01	22.92	
5	QPSK	25	0	23.00	23.02	22.90	
5	16QAM	1	0	23.27	23.28	23.23	24.2
5	16QAM	1	12	23.39	23.36	23.32	
5	16QAM	1	24	23.34	23.33	23.25	
5	16QAM	12	0	22.06	22.07	22.05	23.2
5	16QAM	12	7	22.12	22.07	22.07	
5	16QAM	12	13	22.15	22.07	22.07	
5	16QAM	25	0	22.08	22.01	21.97	
5	64QAM	1	0	22.16	22.14	22.14	23.2
5	64QAM	1	12	22.11	22.11	22.08	
5	64QAM	1	24	22.26	22.24	22.12	
5	64QAM	12	0	21.09	21.08	21.05	22.2
5	64QAM	12	7	21.12	21.07	21.04	
5	64QAM	12	13	21.16	21.08	21.08	
5	64QAM	25	0	21.11	21.05	21.01	
5	256QAM	1	0	19.26	19.19	19.31	20.2
5	256QAM	1	12	19.18	19.23	19.22	
5	256QAM	1	24	19.11	19.08	19.17	
5	256QAM	12	0	19.41	19.39	19.36	20.2
5	256QAM	12	7	19.32	19.25	19.38	
5	256QAM	12	13	19.33	19.25	19.25	
5	256QAM	25	0	19.34	19.31	19.37	

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.86	23.87	23.86	24.5
10	QPSK	1	25	23.79	23.83	23.80	
10	QPSK	1	49	23.85	23.84	23.85	
10	QPSK	25	0	22.94	23.00	22.93	24
10	QPSK	25	12	22.92	22.99	22.90	
10	QPSK	25	25	22.93	22.99	22.92	
10	QPSK	50	0	22.94	23.02	22.91	
10	16QAM	1	0	23.16	23.26	23.19	24
10	16QAM	1	25	23.18	23.22	23.15	
10	16QAM	1	49	23.23	23.23	23.18	
10	16QAM	25	0	21.94	22.01	21.91	23
10	16QAM	25	12	21.96	22.00	21.97	
10	16QAM	25	25	21.97	22.02	22.00	
10	16QAM	50	0	21.97	22.02	21.98	
10	64QAM	1	0	22.08	22.15	22.13	23
10	64QAM	1	25	22.20	22.22	22.09	
10	64QAM	1	49	22.23	22.18	22.17	
10	64QAM	25	0	20.97	21.03	20.95	22
10	64QAM	25	12	21.01	21.04	20.97	
10	64QAM	25	25	21.02	21.06	21.02	
10	64QAM	50	0	21.00	21.08	21.03	
10	256QAM	1	0	19.33	19.25	19.34	20
10	256QAM	1	25	19.19	19.25	19.27	
10	256QAM	1	49	19.18	19.07	19.15	
10	256QAM	25	0	19.45	19.46	19.43	20
10	256QAM	25	12	19.34	19.37	19.36	
10	256QAM	25	25	19.34	19.35	19.37	
10	256QAM	50	0	19.34	19.38	19.32	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.79	23.86	23.82	24.5
5	QPSK	1	12	23.84	23.85	23.84	
5	QPSK	1	24	23.83	23.85	23.82	
5	QPSK	12	0	22.86	22.93	22.88	24
5	QPSK	12	7	22.89	22.96	22.92	
5	QPSK	12	13	22.89	22.96	22.90	
5	QPSK	25	0	22.84	22.95	22.89	
5	16QAM	1	0	23.11	23.22	23.15	24
5	16QAM	1	12	23.23	23.30	23.26	
5	16QAM	1	24	23.23	23.21	23.11	
5	16QAM	12	0	21.94	21.97	21.93	23
5	16QAM	12	7	21.96	21.98	21.95	
5	16QAM	12	13	22.03	21.99	21.96	
5	16QAM	25	0	21.95	21.95	21.91	
5	64QAM	1	0	22.07	22.09	21.96	23
5	64QAM	1	12	21.94	22.02	21.99	
5	64QAM	1	24	22.17	22.11	22.07	
5	64QAM	12	0	20.95	21.00	20.95	22
5	64QAM	12	7	20.99	20.99	20.96	
5	64QAM	12	13	21.05	21.00	20.97	
5	64QAM	25	0	20.97	20.98	20.95	
5	256QAM	1	0	19.31	19.21	19.31	20
5	256QAM	1	12	19.16	19.24	19.18	
5	256QAM	1	24	19.11	19.07	19.05	
5	256QAM	12	0	19.42	19.46	19.40	20
5	256QAM	12	7	19.27	19.35	19.30	
5	256QAM	12	13	19.27	19.32	19.32	
5	256QAM	25	0	19.24	19.35	19.24	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.86	23.86	23.83	24.5
3	QPSK	1	8	23.83	23.86	23.85	
3	QPSK	1	14	23.84	23.85	23.84	
3	QPSK	8	0	22.88	22.92	22.87	24
3	QPSK	8	4	22.89	22.91	22.87	
3	QPSK	8	7	22.92	22.96	22.90	
3	QPSK	15	0	22.90	22.94	22.87	
3	16QAM	1	0	23.17	23.22	23.11	24
3	16QAM	1	8	23.17	23.15	23.10	
3	16QAM	1	14	23.21	23.18	23.13	
3	16QAM	8	0	21.98	21.97	21.95	23
3	16QAM	8	4	22.03	22.00	22.01	
3	16QAM	8	7	22.06	22.03	22.02	
3	16QAM	15	0	21.99	21.98	21.98	
3	64QAM	1	0	22.17	22.13	22.13	23
3	64QAM	1	8	22.17	22.10	22.09	
3	64QAM	1	14	22.23	22.15	22.10	
3	64QAM	8	0	21.03	21.01	20.97	22
3	64QAM	8	4	21.06	21.04	21.01	
3	64QAM	8	7	21.06	21.04	21.03	
3	64QAM	15	0	21.01	21.02	20.99	
3	256QAM	1	0	19.19	19.11	19.16	20
3	256QAM	1	8	18.98	19.05	19.06	
3	256QAM	1	14	19.01	18.93	18.89	
3	256QAM	8	0	19.32	19.28	19.21	20
3	256QAM	8	4	19.15	19.15	19.10	
3	256QAM	8	7	19.08	19.14	19.13	
3	256QAM	15	0	19.05	19.21	19.10	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.81	23.84	23.83	24.5
1.4	QPSK	1	3	23.84	23.84	23.76	
1.4	QPSK	1	5	23.83	23.84	23.82	
1.4	QPSK	3	0	23.82	23.83	23.83	
1.4	QPSK	3	1	23.83	23.86	23.83	
1.4	QPSK	3	3	23.81	23.81	23.83	
1.4	QPSK	6	0	22.91	22.88	22.87	24
1.4	16QAM	1	0	23.20	23.20	23.15	24
1.4	16QAM	1	3	23.10	23.06	23.01	
1.4	16QAM	1	5	23.17	23.14	23.13	
1.4	16QAM	3	0	23.03	22.98	22.99	
1.4	16QAM	3	1	23.08	23.06	23.02	
1.4	16QAM	3	3	23.06	23.04	22.97	
1.4	16QAM	6	0	22.02	21.97	21.94	23
1.4	64QAM	1	0	22.14	22.09	22.06	23
1.4	64QAM	1	3	22.05	21.98	22.02	
1.4	64QAM	1	5	22.17	22.08	22.08	
1.4	64QAM	3	0	22.04	22.00	22.02	
1.4	64QAM	3	1	22.07	22.00	22.02	
1.4	64QAM	3	3	22.06	22.01	22.02	
1.4	64QAM	6	0	21.02	20.96	20.89	22
1.4	256QAM	1	0	19.18	19.08	19.08	20
1.4	256QAM	1	3	18.95	19.03	19.05	
1.4	256QAM	1	5	18.99	18.89	18.84	
1.4	256QAM	3	0	19.26	19.19	19.13	
1.4	256QAM	3	1	19.09	19.13	19.06	
1.4	256QAM	3	3	19.08	19.05	19.12	
1.4	256QAM	6	0	18.95	19.18	19.02	20

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.92		24.4
10	QPSK	1	25		23.77		
10	QPSK	1	49		23.87		
10	QPSK	25	0		22.94		23.9
10	QPSK	25	12		22.92		
10	QPSK	25	25		22.92		
10	QPSK	50	0		22.99		
10	16QAM	1	0		23.10		23.9
10	16QAM	1	25		23.18		
10	16QAM	1	49		23.17		
10	16QAM	25	0		21.91		22.9
10	16QAM	25	12		21.93		
10	16QAM	25	25		21.95		
10	16QAM	50	0		21.99		
10	64QAM	1	0		22.06		22.9
10	64QAM	1	25		22.12		
10	64QAM	1	49		22.11		
10	64QAM	25	0		20.97		21.9
10	64QAM	25	12		20.95		
10	64QAM	25	25		20.95		
10	64QAM	50	0		20.98		
10	256QAM	1	0		19.31		19.9
10	256QAM	1	25		19.33		
10	256QAM	1	49		19.23		
10	256QAM	25	0		19.32		19.9
10	256QAM	25	12		19.30		
10	256QAM	25	25		19.24		
10	256QAM	50	0		19.29		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.81	23.83	23.82	24.4
5	QPSK	1	12	23.87	23.82	23.85	
5	QPSK	1	24	23.81	23.77	23.80	
5	QPSK	12	0	22.91	22.85	22.84	23.9
5	QPSK	12	7	22.92	22.87	22.89	
5	QPSK	12	13	22.91	22.84	22.86	
5	QPSK	25	0	22.90	22.82	22.82	
5	16QAM	1	0	23.08	23.07	23.12	23.9
5	16QAM	1	12	23.15	23.20	23.21	
5	16QAM	1	24	23.19	23.17	23.14	
5	16QAM	12	0	21.92	21.94	21.98	22.9
5	16QAM	12	7	21.95	21.94	21.97	
5	16QAM	12	13	22.00	21.96	21.95	
5	16QAM	25	0	21.94	21.91	21.86	
5	64QAM	1	0	22.01	22.04	22.02	22.9
5	64QAM	1	12	21.86	21.97	21.89	
5	64QAM	1	24	22.09	22.09	22.01	
5	64QAM	12	0	20.94	20.95	20.96	21.9
5	64QAM	12	7	20.96	20.98	20.96	
5	64QAM	12	13	20.98	20.98	20.94	
5	64QAM	25	0	20.93	20.89	20.88	
5	256QAM	1	0	19.15	19.24	19.15	19.9
5	256QAM	1	12	19.21	19.23	19.19	
5	256QAM	1	24	19.07	19.16	19.09	
5	256QAM	12	0	19.23	19.31	19.24	19.9
5	256QAM	12	7	19.10	19.20	19.11	
5	256QAM	12	13	19.20	19.23	19.16	
5	256QAM	25	0	19.20	19.20	19.16	

Band 14_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.84		24.4
10	QPSK	1	25		23.77		
10	QPSK	1	49		23.79		
10	QPSK	25	0		22.87		23.9
10	QPSK	25	12		22.85		
10	QPSK	25	25		22.84		
10	QPSK	50	0		22.94		
10	16QAM	1	0		23.10		23.9
10	16QAM	1	25		23.18		
10	16QAM	1	49		23.10		
10	16QAM	25	0		21.91		22.9
10	16QAM	25	12		21.92		
10	16QAM	25	25		21.90		
10	16QAM	50	0		21.98		
10	64QAM	1	0		22.04		22.9
10	64QAM	1	25		22.09		
10	64QAM	1	49		22.04		
10	64QAM	25	0		20.97		21.9
10	64QAM	25	12		20.96		
10	64QAM	25	25		20.96		
10	64QAM	50	0		21.02		
10	256QAM	1	0		19.12		19.9
10	256QAM	1	25		19.22		
10	256QAM	1	49		19.13		
10	256QAM	25	0		19.22		19.9
10	256QAM	25	12		19.20		
10	256QAM	25	25		19.11		
10	256QAM	50	0		19.19		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.76	23.83	23.83	24.4
5	QPSK	1	12	23.76	23.83	23.81	
5	QPSK	1	24	23.71	23.80	23.79	
5	QPSK	12	0	22.79	22.88	22.88	23.9
5	QPSK	12	7	22.82	22.90	22.88	
5	QPSK	12	13	22.80	22.86	22.86	
5	QPSK	25	0	22.77	22.86	22.85	
5	16QAM	1	0	23.00	23.13	23.19	23.9
5	16QAM	1	12	23.15	23.23	23.21	
5	16QAM	1	24	23.15	23.17	23.11	
5	16QAM	12	0	21.88	21.93	21.96	22.9
5	16QAM	12	7	21.93	21.94	21.96	
5	16QAM	12	13	21.93	21.92	21.95	
5	16QAM	25	0	21.84	21.89	21.90	
5	64QAM	1	0	21.93	22.02	22.02	22.9
5	64QAM	1	12	21.85	21.89	21.86	
5	64QAM	1	24	22.07	21.98	21.98	
5	64QAM	12	0	20.91	20.94	20.97	21.9
5	64QAM	12	7	20.94	20.94	20.98	
5	64QAM	12	13	20.97	20.94	20.97	
5	64QAM	25	0	20.88	20.93	20.96	
5	256QAM	1	0	19.09	19.07	19.05	19.9
5	256QAM	1	12	19.13	19.15	19.19	
5	256QAM	1	24	19.11	19.11	19.12	
5	256QAM	12	0	19.15	19.19	19.12	19.9
5	256QAM	12	7	19.10	19.12	19.11	
5	256QAM	12	13	19.06	19.02	19.05	
5	256QAM	25	0	19.17	19.11	19.18	

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.94	23.95	23.92	24.5
10	QPSK	1	25	23.85	23.85	23.78	
10	QPSK	1	49	23.93	23.92	23.91	
10	QPSK	25	0	22.99	23.01	22.98	24
10	QPSK	25	12	22.97	22.98	22.95	
10	QPSK	25	25	22.98	22.98	22.97	
10	QPSK	50	0	22.99	23.00	22.96	
10	16QAM	1	0	23.22	23.30	23.26	24
10	16QAM	1	25	23.18	23.24	23.22	
10	16QAM	1	49	23.28	23.28	23.24	
10	16QAM	25	0	21.97	21.98	21.95	23
10	16QAM	25	12	22.00	21.98	21.95	
10	16QAM	25	25	22.02	22.05	21.97	
10	16QAM	50	0	22.06	22.06	21.99	
10	64QAM	1	0	22.19	22.09	22.09	23
10	64QAM	1	25	22.14	22.06	22.09	
10	64QAM	1	49	22.20	22.16	22.15	
10	64QAM	25	0	21.00	21.02	20.98	22
10	64QAM	25	12	21.00	21.02	20.98	
10	64QAM	25	25	21.03	21.05	21.02	
10	64QAM	50	0	21.11	21.07	21.03	
10	256QAM	1	0	19.25	19.18	19.27	20
10	256QAM	1	25	19.19	19.18	19.21	
10	256QAM	1	49	19.09	19.07	19.12	
10	256QAM	25	0	19.39	19.39	19.36	20
10	256QAM	25	12	19.32	19.29	19.31	
10	256QAM	25	25	19.24	19.26	19.30	
10	256QAM	50	0	19.32	19.32	19.30	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.87	23.93	23.83	24.5
5	QPSK	1	12	23.93	23.93	23.88	
5	QPSK	1	24	23.89	23.92	23.80	
5	QPSK	12	0	22.92	22.97	22.87	24
5	QPSK	12	7	22.95	23.00	22.89	
5	QPSK	12	13	22.94	22.99	22.88	
5	QPSK	25	0	22.95	22.95	22.85	
5	16QAM	1	0	23.16	23.25	23.11	24
5	16QAM	1	12	23.24	23.31	23.20	
5	16QAM	1	24	23.21	23.30	23.10	
5	16QAM	12	0	21.96	22.03	21.93	23
5	16QAM	12	7	21.96	22.05	21.97	
5	16QAM	12	13	22.00	22.07	21.96	
5	16QAM	25	0	21.98	22.03	21.95	
5	64QAM	1	0	22.10	22.16	22.06	23
5	64QAM	1	12	21.94	22.16	22.07	
5	64QAM	1	24	22.05	22.18	22.06	
5	64QAM	12	0	20.97	21.05	20.96	22
5	64QAM	12	7	20.97	21.03	20.97	
5	64QAM	12	13	20.97	21.04	20.96	
5	64QAM	25	0	20.98	21.01	20.94	
5	256QAM	1	0	19.24	19.21	19.21	20
5	256QAM	1	12	19.11	19.09	19.14	
5	256QAM	1	24	19.04	18.98	19.12	
5	256QAM	12	0	19.35	19.29	19.35	20
5	256QAM	12	7	19.28	19.23	19.24	
5	256QAM	12	13	19.20	19.19	19.29	
5	256QAM	25	0	19.32	19.27	19.29	

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.15	22.16	22.15	22.6
20	QPSK	1	49	22.11	22.06	22.08	
20	QPSK	1	99	22.13	22.04	22.16	
20	QPSK	50	0	22.26	22.21	22.23	22.6
20	QPSK	50	24	22.26	22.22	22.24	
20	QPSK	50	50	22.23	22.19	22.22	
20	QPSK	100	0	22.25	22.19	22.21	
20	16QAM	1	0	22.27	22.25	22.26	22.6
20	16QAM	1	49	22.21	22.32	22.31	
20	16QAM	1	99	22.20	22.27	22.30	
20	16QAM	50	0	21.53	21.47	21.46	22.6
20	16QAM	50	24	21.52	21.46	21.50	
20	16QAM	50	50	21.50	21.45	21.53	
20	16QAM	100	0	21.50	21.46	21.51	
20	64QAM	1	0	21.67	21.74	21.66	22.6
20	64QAM	1	49	21.63	21.56	21.68	
20	64QAM	1	99	21.70	21.52	21.71	
20	64QAM	50	0	20.52	20.48	20.50	22.1
20	64QAM	50	24	20.58	20.49	20.56	
20	64QAM	50	50	20.55	20.49	20.58	
20	64QAM	100	0	20.54	20.48	20.56	
20	256QAM	1	0	18.52	18.56	18.64	20.1
20	256QAM	1	49	18.50	18.47	18.56	
20	256QAM	1	99	18.53	18.52	18.74	
20	256QAM	50	0	18.51	18.64	18.52	20.1
20	256QAM	50	24	18.63	18.48	18.55	
20	256QAM	50	50	18.50	18.52	18.70	
20	256QAM	100	0	18.67	18.55	18.51	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.11	22.06	22.10	22.6
15	QPSK	1	37	22.10	22.01	22.07	
15	QPSK	1	74	22.05	21.95	22.11	
15	QPSK	36	0	22.18	22.13	22.21	22.6
15	QPSK	36	20	22.22	22.14	22.24	
15	QPSK	36	39	22.18	22.15	22.17	
15	QPSK	75	0	22.20	22.15	22.19	
15	16QAM	1	0	22.26	22.19	22.29	22.6
15	16QAM	1	37	22.20	22.29	22.30	
15	16QAM	1	74	22.32	22.19	22.24	
15	16QAM	36	0	21.47	21.42	21.44	22.6
15	16QAM	36	20	21.51	21.42	21.43	
15	16QAM	36	39	21.42	21.42	21.47	
15	16QAM	75	0	21.49	21.43	21.49	
15	64QAM	1	0	21.64	21.69	21.58	22.6
15	64QAM	1	37	21.62	21.50	21.64	
15	64QAM	1	74	21.67	21.46	21.61	
15	64QAM	36	0	20.42	20.38	20.49	22.1
15	64QAM	36	20	20.56	20.44	20.46	
15	64QAM	36	39	20.46	20.40	20.50	
15	64QAM	75	0	20.54	20.46	20.48	
15	256QAM	1	0	18.49	18.55	18.56	20.1
15	256QAM	1	37	18.50	18.44	18.56	
15	256QAM	1	74	18.46	18.47	18.65	
15	256QAM	36	0	18.48	18.63	18.49	20.1
15	256QAM	36	20	18.56	18.41	18.49	
15	256QAM	36	39	18.44	18.47	18.65	
15	256QAM	75	0	18.62	18.49	18.46	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.13	22.07	22.10	22.6
10	QPSK	1	25	22.05	21.97	22.03	
10	QPSK	1	49	22.07	22.03	22.15	
10	QPSK	25	0	22.21	22.14	22.18	22.6
10	QPSK	25	12	22.24	22.22	22.15	
10	QPSK	25	25	22.14	22.14	22.15	
10	QPSK	50	0	22.20	22.09	22.13	
10	16QAM	1	0	22.26	22.24	22.29	22.6
10	16QAM	1	25	22.30	22.25	22.30	
10	16QAM	1	49	22.30	22.21	22.25	
10	16QAM	25	0	21.52	21.46	21.46	22.6
10	16QAM	25	12	21.44	21.43	21.50	
10	16QAM	25	25	21.43	21.39	21.51	
10	16QAM	50	0	21.48	21.44	21.43	
10	64QAM	1	0	21.60	21.74	21.58	22.6
10	64QAM	1	25	21.63	21.52	21.60	
10	64QAM	1	49	21.62	21.43	21.63	
10	64QAM	25	0	20.50	20.38	20.40	22.1
10	64QAM	25	12	20.54	20.39	20.53	
10	64QAM	25	25	20.55	20.41	20.55	
10	64QAM	50	0	20.44	20.45	20.54	
10	256QAM	1	0	18.48	18.48	18.64	20.1
10	256QAM	1	25	18.49	18.37	18.51	
10	256QAM	1	49	18.51	18.48	18.73	
10	256QAM	25	0	18.51	18.61	18.42	20.1
10	256QAM	25	12	18.54	18.42	18.59	
10	256QAM	25	25	18.50	18.50	18.67	
10	256QAM	50	0	18.59	18.54	18.43	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.08	22.12	22.10	22.6
5	QPSK	1	12	22.05	21.96	21.98	
5	QPSK	1	24	22.10	22.00	22.13	
5	QPSK	12	0	22.17	22.17	22.18	22.6
5	QPSK	12	7	22.18	22.12	22.23	
5	QPSK	12	13	22.21	22.09	22.16	
5	QPSK	25	0	22.23	22.12	22.21	
5	16QAM	1	0	22.20	22.22	22.32	22.6
5	16QAM	1	12	22.21	22.29	22.29	
5	16QAM	1	24	22.30	22.21	22.28	
5	16QAM	12	0	21.45	21.39	21.38	22.6
5	16QAM	12	7	21.45	21.41	21.41	
5	16QAM	12	13	21.40	21.40	21.51	
5	16QAM	25	0	21.40	21.37	21.50	
5	64QAM	1	0	21.58	21.65	21.64	22.6
5	64QAM	1	12	21.63	21.49	21.63	
5	64QAM	1	24	21.64	21.52	21.64	
5	64QAM	12	0	20.44	20.38	20.42	22.1
5	64QAM	12	7	20.53	20.47	20.52	
5	64QAM	12	13	20.54	20.49	20.58	
5	64QAM	25	0	20.50	20.43	20.56	
5	256QAM	1	0	18.44	18.51	18.57	20.1
5	256QAM	1	12	18.50	18.45	18.48	
5	256QAM	1	24	18.52	18.47	18.72	
5	256QAM	12	0	18.51	18.56	18.51	20.1
5	256QAM	12	7	18.53	18.38	18.47	
5	256QAM	12	13	18.47	18.49	18.63	
5	256QAM	25	0	18.64	18.54	18.48	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.08	22.15	22.05	22.6
3	QPSK	1	8	22.07	21.99	22.00	
3	QPSK	1	14	22.11	21.98	22.13	
3	QPSK	8	0	22.22	22.17	22.23	22.6
3	QPSK	8	4	22.21	22.18	22.20	
3	QPSK	8	7	22.21	22.12	22.21	
3	QPSK	15	0	22.22	22.14	22.14	
3	16QAM	1	0	22.19	22.30	22.29	22.6
3	16QAM	1	8	22.13	22.29	22.24	
3	16QAM	1	14	22.23	22.22	22.24	
3	16QAM	8	0	21.49	21.44	21.39	22.6
3	16QAM	8	4	21.44	21.41	21.49	
3	16QAM	8	7	21.50	21.35	21.51	
3	16QAM	15	0	21.50	21.38	21.43	
3	64QAM	1	0	21.61	21.74	21.59	22.6
3	64QAM	1	8	21.61	21.55	21.67	
3	64QAM	1	14	21.68	21.46	21.66	
3	64QAM	8	0	20.44	20.46	20.42	22.1
3	64QAM	8	4	20.53	20.48	20.52	
3	64QAM	8	7	20.52	20.42	20.53	
3	64QAM	15	0	20.52	20.43	20.52	
3	256QAM	1	0	18.50	18.48	18.58	20.1
3	256QAM	1	8	18.49	18.45	18.54	
3	256QAM	1	14	18.48	18.43	18.65	
3	256QAM	8	0	18.45	18.57	18.46	20.1
3	256QAM	8	4	18.59	18.40	18.49	
3	256QAM	8	7	18.44	18.50	18.61	
3	256QAM	15	0	18.61	18.52	18.50	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.22	22.10	22.18	22.6
1.4	QPSK	1	3	22.08	22.01	22.05	
1.4	QPSK	1	5	22.13	22.10	22.13	
1.4	QPSK	3	0	22.13	22.12	22.18	
1.4	QPSK	3	1	22.15	22.14	22.20	
1.4	QPSK	3	3	22.08	22.12	22.14	
1.4	QPSK	6	0	22.07	22.10	22.15	22.6
1.4	16QAM	1	0	22.29	22.30	22.30	22.6
1.4	16QAM	1	3	22.23	22.25	22.20	
1.4	16QAM	1	5	22.27	22.30	22.31	
1.4	16QAM	3	0	22.12	22.19	22.19	
1.4	16QAM	3	1	22.13	22.25	22.24	
1.4	16QAM	3	3	22.09	22.18	22.18	
1.4	16QAM	6	0	21.38	21.45	21.45	22.6
1.4	64QAM	1	0	21.45	21.59	21.53	22.6
1.4	64QAM	1	3	21.38	21.50	21.53	
1.4	64QAM	1	5	21.48	21.59	21.56	
1.4	64QAM	3	0	21.45	21.49	21.56	
1.4	64QAM	3	1	21.44	21.54	21.58	
1.4	64QAM	3	3	21.43	21.48	21.51	
1.4	64QAM	6	0	20.33	20.40	20.43	22.1
1.4	256QAM	1	0	18.52	18.58	18.63	20.1
1.4	256QAM	1	3	18.46	18.38	18.57	
1.4	256QAM	1	5	18.52	18.41	18.73	
1.4	256QAM	3	0	18.38	18.47	18.44	
1.4	256QAM	3	1	18.60	18.45	18.55	
1.4	256QAM	3	3	18.55	18.45	18.60	
1.4	256QAM	6	0	18.49	18.49	18.48	20.1

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.74	22.77	22.72	23.5
20	QPSK	1	49	22.76	22.74	22.64	
20	QPSK	1	99	22.77	22.73	22.63	
20	QPSK	50	0	22.85	22.83	22.76	23.5
20	QPSK	50	24	22.88	22.83	22.77	
20	QPSK	50	50	22.86	22.83	22.71	
20	QPSK	100	0	22.85	22.85	22.74	
20	16QAM	1	0	22.71	23.04	22.97	23.5
20	16QAM	1	49	22.73	22.89	22.82	
20	16QAM	1	99	22.75	22.90	22.87	
20	16QAM	50	0	21.81	21.83	21.74	23
20	16QAM	50	24	21.83	21.83	21.74	
20	16QAM	50	50	21.85	21.81	21.71	
20	16QAM	100	0	21.83	21.81	21.74	
20	64QAM	1	0	22.77	21.99	21.94	23
20	64QAM	1	49	22.74	21.88	21.78	
20	64QAM	1	99	22.73	21.91	21.84	
20	64QAM	50	0	21.82	20.85	20.76	22
20	64QAM	50	24	21.83	20.84	20.77	
20	64QAM	50	50	21.84	20.84	20.75	
20	64QAM	100	0	21.83	20.85	20.74	
20	256QAM	1	0	18.40	18.42	18.45	20
20	256QAM	1	49	18.41	18.33	18.41	
20	256QAM	1	99	18.50	18.42	18.70	
20	256QAM	50	0	18.51	18.53	18.48	20
20	256QAM	50	24	18.58	18.47	18.50	
20	256QAM	50	50	18.53	18.41	18.58	
20	256QAM	100	0	18.52	18.46	18.51	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.74	22.69	22.69	23.5
15	QPSK	1	37	22.67	22.67	22.62	
15	QPSK	1	74	22.74	22.68	22.61	
15	QPSK	36	0	22.81	22.79	22.73	23.5
15	QPSK	36	20	22.88	22.74	22.70	
15	QPSK	36	39	22.81	22.83	22.69	
15	QPSK	75	0	22.78	22.83	22.74	
15	16QAM	1	0	22.67	22.97	22.90	23.5
15	16QAM	1	37	22.70	22.88	22.76	
15	16QAM	1	74	22.65	22.82	22.79	
15	16QAM	36	0	21.80	21.74	21.70	23
15	16QAM	36	20	21.80	21.79	21.71	
15	16QAM	36	39	21.81	21.75	21.63	
15	16QAM	75	0	21.80	21.76	21.68	
15	64QAM	1	0	22.72	21.92	21.89	23
15	64QAM	1	37	22.74	21.88	21.73	
15	64QAM	1	74	22.71	21.86	21.75	
15	64QAM	36	0	21.74	20.75	20.73	22
15	64QAM	36	20	21.78	20.79	20.73	
15	64QAM	36	39	21.77	20.75	20.71	
15	64QAM	75	0	21.80	20.82	20.73	
15	256QAM	1	0	18.31	18.34	18.41	20
15	256QAM	1	37	18.41	18.24	18.37	
15	256QAM	1	74	18.45	18.39	18.61	
15	256QAM	36	0	18.45	18.48	18.40	20
15	256QAM	36	20	18.53	18.42	18.50	
15	256QAM	36	39	18.47	18.38	18.58	
15	256QAM	75	0	18.42	18.37	18.44	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.67	22.67	22.69	23.5
10	QPSK	1	25	22.71	22.65	22.58	
10	QPSK	1	49	22.75	22.64	22.57	
10	QPSK	25	0	22.83	22.77	22.66	23.5
10	QPSK	25	12	22.78	22.83	22.68	
10	QPSK	25	25	22.86	22.78	22.75	
10	QPSK	50	0	22.78	22.85	22.66	
10	16QAM	1	0	22.63	23.00	22.88	23.5
10	16QAM	1	25	22.65	22.84	22.82	
10	16QAM	1	49	22.66	22.87	22.86	
10	16QAM	25	0	21.76	21.90	21.69	23
10	16QAM	25	12	21.83	21.83	21.67	
10	16QAM	25	25	21.83	21.73	21.64	
10	16QAM	50	0	21.79	21.74	21.66	
10	64QAM	1	0	22.70	21.89	21.89	23
10	64QAM	1	25	22.67	21.85	21.70	
10	64QAM	1	49	22.68	21.85	21.80	
10	64QAM	25	0	21.79	20.83	20.74	22
10	64QAM	25	12	21.79	20.78	20.71	
10	64QAM	25	25	21.80	20.79	20.66	
10	64QAM	50	0	21.82	20.83	20.69	
10	256QAM	1	0	18.37	18.40	18.36	20
10	256QAM	1	25	18.33	18.29	18.40	
10	256QAM	1	49	18.44	18.41	18.67	
10	256QAM	25	0	18.49	18.51	18.39	20
10	256QAM	25	12	18.49	18.46	18.50	
10	256QAM	25	25	18.47	18.41	18.55	
10	256QAM	50	0	18.42	18.45	18.46	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.72	22.69	22.62	23.5
5	QPSK	1	12	22.72	22.64	22.55	
5	QPSK	1	24	22.71	22.67	22.58	
5	QPSK	12	0	22.80	22.78	22.76	23.5
5	QPSK	12	7	22.80	22.77	22.73	
5	QPSK	12	13	22.84	22.83	22.71	
5	QPSK	25	0	22.85	22.76	22.69	
5	16QAM	1	0	22.64	22.99	22.92	23.5
5	16QAM	1	12	22.66	22.84	22.80	
5	16QAM	1	24	22.70	22.87	22.87	
5	16QAM	12	0	21.81	21.83	21.72	23
5	16QAM	12	7	21.82	21.83	21.67	
5	16QAM	12	13	21.75	21.79	21.64	
5	16QAM	25	0	21.81	21.79	21.67	
5	64QAM	1	0	22.68	21.96	21.90	23
5	64QAM	1	12	22.73	21.84	21.76	
5	64QAM	1	24	22.67	21.81	21.77	
5	64QAM	12	0	21.78	20.78	20.67	22
5	64QAM	12	7	21.77	20.74	20.72	
5	64QAM	12	13	21.81	20.81	20.68	
5	64QAM	25	0	21.82	20.84	20.70	
5	256QAM	1	0	18.30	18.36	18.45	20
5	256QAM	1	12	18.39	18.28	18.39	
5	256QAM	1	24	18.40	18.36	18.69	
5	256QAM	12	0	18.44	18.47	18.39	20
5	256QAM	12	7	18.50	18.46	18.41	
5	256QAM	12	13	18.44	18.31	18.56	
5	256QAM	25	0	18.43	18.38	18.44	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.66	22.67	22.63	23.5
3	QPSK	1	8	22.69	22.72	22.55	
3	QPSK	1	14	22.67	22.72	22.60	
3	QPSK	8	0	22.82	22.76	22.66	23.5
3	QPSK	8	4	22.79	22.83	22.72	
3	QPSK	8	7	22.76	22.77	22.66	
3	QPSK	15	0	22.83	22.84	22.69	
3	16QAM	1	0	22.61	22.96	22.97	23.5
3	16QAM	1	8	22.64	22.83	22.81	
3	16QAM	1	14	22.71	22.85	22.78	
3	16QAM	8	0	21.71	21.80	21.64	23
3	16QAM	8	4	21.83	21.75	21.71	
3	16QAM	8	7	21.83	21.74	21.68	
3	16QAM	15	0	21.78	21.77	21.73	
3	64QAM	1	0	22.73	21.96	21.85	23
3	64QAM	1	8	22.67	21.80	21.72	
3	64QAM	1	14	22.69	21.89	21.77	
3	64QAM	8	0	21.82	20.76	20.76	22
3	64QAM	8	4	21.76	20.74	20.74	
3	64QAM	8	7	21.81	20.79	20.68	
3	64QAM	15	0	21.82	20.78	20.73	
3	256QAM	1	0	18.37	18.36	18.39	20
3	256QAM	1	8	18.34	18.32	18.40	
3	256QAM	1	14	18.48	18.34	18.62	
3	256QAM	8	0	18.51	18.53	18.39	20
3	256QAM	8	4	18.51	18.39	18.42	
3	256QAM	8	7	18.52	18.36	18.50	
3	256QAM	15	0	18.48	18.38	18.47	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.84	22.76	22.66	23.5
1.4	QPSK	1	3	22.75	22.68	22.59	
1.4	QPSK	1	5	22.82	22.77	22.68	
1.4	QPSK	3	0	22.83	22.79	22.70	
1.4	QPSK	3	1	22.84	22.79	22.77	
1.4	QPSK	3	3	22.82	22.75	22.69	
1.4	QPSK	6	0	22.81	22.76	22.68	23.5
1.4	16QAM	1	0	23.00	23.04	22.93	23.5
1.4	16QAM	1	3	22.96	22.90	22.80	
1.4	16QAM	1	5	23.04	23.03	22.89	
1.4	16QAM	3	0	22.87	22.85	22.72	
1.4	16QAM	3	1	22.85	22.86	22.73	
1.4	16QAM	3	3	22.82	22.81	22.71	
1.4	16QAM	6	0	21.86	21.82	21.70	23
1.4	64QAM	1	0	21.91	21.89	21.86	23
1.4	64QAM	1	3	21.88	21.96	21.74	
1.4	64QAM	1	5	21.94	21.88	21.80	
1.4	64QAM	3	0	21.86	21.85	21.78	
1.4	64QAM	3	1	21.87	21.89	21.80	
1.4	64QAM	3	3	21.89	21.86	21.73	
1.4	64QAM	6	0	20.77	20.81	20.68	22
1.4	256QAM	1	0	18.39	18.44	18.44	20
1.4	256QAM	1	3	18.47	18.29	18.36	
1.4	256QAM	1	5	18.43	18.32	18.57	
1.4	256QAM	3	0	18.44	18.46	18.46	
1.4	256QAM	3	1	18.44	18.33	18.48	
1.4	256QAM	3	3	18.40	18.42	18.61	
1.4	256QAM	6	0	18.48	18.36	18.55	20

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.32	23.38	23.44	24.1
20	QPSK	1	49	23.35	23.41	23.45	
20	QPSK	1	99	23.39	23.43	23.49	
20	QPSK	50	0	23.14	23.15	23.20	23.9
20	QPSK	50	24	23.18	23.15	23.24	
20	QPSK	50	50	23.20	23.16	23.25	
20	QPSK	100	0	23.20	23.14	23.22	
20	16QAM	1	0	23.34	23.37	23.40	23.9
20	16QAM	1	49	23.33	23.36	23.42	
20	16QAM	1	99	23.31	23.36	23.55	
20	16QAM	50	0	22.15	22.14	22.20	22.9
20	16QAM	50	24	22.17	22.19	22.23	
20	16QAM	50	50	22.16	22.19	22.22	
20	16QAM	100	0	22.15	22.13	22.19	
20	64QAM	1	0	22.31	22.31	22.39	22.9
20	64QAM	1	49	22.20	22.32	22.29	
20	64QAM	1	99	22.22	22.37	22.41	
20	64QAM	50	0	21.19	21.19	21.23	21.9
20	64QAM	50	24	21.20	21.21	21.25	
20	64QAM	50	50	21.19	21.20	21.27	
20	64QAM	100	0	21.16	21.16	21.20	
20	256QAM	1	0	19.32	19.33	19.29	19.9
20	256QAM	1	49	19.23	19.19	19.21	
20	256QAM	1	99	19.11	19.07	19.06	
20	256QAM	50	0	19.23	19.09	19.16	19.9
20	256QAM	50	24	19.18	19.13	19.05	
20	256QAM	50	50	19.19	19.01	19.01	
20	256QAM	100	0	19.12	19.13	18.98	
Channel				20525	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.43	23.40	23.46	24.1
15	QPSK	1	37	23.35	23.34	23.42	
15	QPSK	1	74	23.42	23.43	23.53	
15	QPSK	36	0	23.16	23.16	23.24	23.9
15	QPSK	36	20	23.15	23.15	23.27	
15	QPSK	36	39	23.15	23.16	23.27	
15	QPSK	75	0	23.18	23.17	23.26	
15	16QAM	1	0	23.39	23.39	23.49	23.9
15	16QAM	1	37	23.45	23.48	23.54	
15	16QAM	1	74	23.34	23.39	23.52	
15	16QAM	36	0	22.14	22.16	22.22	22.9
15	16QAM	36	20	22.10	22.16	22.23	
15	16QAM	36	39	22.11	22.17	22.27	
15	16QAM	75	0	22.16	22.18	22.24	
15	64QAM	1	0	22.26	22.31	22.33	22.9
15	64QAM	1	37	22.36	22.38	22.41	
15	64QAM	1	74	22.31	22.35	22.48	
15	64QAM	36	0	21.13	21.19	21.23	21.9
15	64QAM	36	20	21.12	21.18	21.24	
15	64QAM	36	39	21.12	21.17	21.27	
15	64QAM	75	0	21.15	21.16	21.24	
15	256QAM	1	0	19.30	19.34	19.30	19.9
15	256QAM	1	37	19.22	19.18	19.19	
15	256QAM	1	74	19.11	19.07	19.13	
15	256QAM	36	0	19.22	19.08	19.08	19.9
15	256QAM	36	20	19.18	19.06	19.03	
15	256QAM	36	39	19.11	18.98	19.08	
15	256QAM	75	0	19.14	19.14	19.05	
Channel				20600	21100	21600	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.40	23.39	23.49	24.1
10	QPSK	1	25	23.34	23.38	23.49	
10	QPSK	1	49	23.40	23.40	23.51	
10	QPSK	25	0	23.12	23.12	23.24	23.9
10	QPSK	25	12	23.13	23.12	23.25	
10	QPSK	25	25	23.15	23.13	23.27	
10	QPSK	50	0	23.15	23.16	23.26	
10	16QAM	1	0	23.38	23.43	23.46	23.9
10	16QAM	1	25	23.33	23.33	23.47	
10	16QAM	1	49	23.28	23.39	23.48	
10	16QAM	25	0	22.10	22.12	22.22	22.9
10	16QAM	25	12	22.11	22.14	22.23	
10	16QAM	25	25	22.14	22.16	22.26	
10	16QAM	50	0	22.14	22.14	22.27	
10	64QAM	1	0	22.31	22.31	22.44	22.9
10	64QAM	1	25	22.23	22.34	22.30	
10	64QAM	1	49	22.31	22.31	22.43	
10	64QAM	25	0	21.12	21.14	21.22	21.9
10	64QAM	25	12	21.13	21.15	21.24	
10	64QAM	25	25	21.15	21.14	21.25	
10	64QAM	50	0	21.15	21.19	21.26	
10	256QAM	1	0	19.29	19.30	19.28	19.9
10	256QAM	1	25	19.22	19.13	19.16	
10	256QAM	1	49	19.12	19.07	19.07	
10	256QAM	25	0	19.21	19.10	19.08	19.9
10	256QAM	25	12	19.18	19.14	19.03	
10	256QAM	25	25	19.19	19.01	18.99	
10	256QAM	50	0	19.20	19.10	19.08	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.41	23.39	23.51	24.1
5	QPSK	1	12	23.50	23.45	23.54	
5	QPSK	1	24	23.39	23.40	23.52	
5	QPSK	12	0	23.13	23.13	23.24	23.9
5	QPSK	12	7	23.13	23.15	23.24	
5	QPSK	12	13	23.13	23.13	23.26	
5	QPSK	25	0	23.14	23.13	23.27	
5	16QAM	1	0	23.34	23.40	23.49	23.9
5	16QAM	1	12	23.39	23.50	23.51	
5	16QAM	1	24	23.34	23.40	23.45	
5	16QAM	12	0	22.14	22.17	22.28	22.9
5	16QAM	12	7	22.17	22.19	22.32	
5	16QAM	12	13	22.15	22.15	22.31	
5	16QAM	25	0	22.14	22.14	22.25	
5	64QAM	1	0	22.25	22.28	22.42	22.9
5	64QAM	1	12	22.32	22.39	22.48	
5	64QAM	1	24	22.27	22.29	22.39	
5	64QAM	12	0	21.15	21.19	21.28	21.9
5	64QAM	12	7	21.20	21.20	21.30	
5	64QAM	12	13	21.17	21.17	21.31	
5	64QAM	25	0	21.15	21.16	21.26	
5	256QAM	1	0	19.31	19.28	19.28	19.9
5	256QAM	1	12	19.15	19.22	19.20	
5	256QAM	1	24	19.09	19.16	19.11	
5	256QAM	12	0	19.19	19.08	19.07	19.9
5	256QAM	12	7	19.18	19.05	19.03	
5	256QAM	12	13	19.11	19.06	19.02	
5	256QAM	25	0	19.15	19.10	19.03	

Band 25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.02	22.20	22.08	22.6
20	QPSK	1	49	21.91	22.04	22.01	
20	QPSK	1	99	22.01	22.07	21.95	
20	QPSK	50	0	22.14	22.20	22.09	22.6
20	QPSK	50	24	22.15	22.21	22.12	
20	QPSK	50	50	22.11	22.20	22.12	
20	QPSK	100	0	22.14	22.20	22.10	
20	16QAM	1	0	22.32	22.23	22.25	22.6
20	16QAM	1	49	22.23	22.28	22.17	
20	16QAM	1	99	22.30	22.25	22.09	
20	16QAM	50	0	21.40	21.46	21.30	22.6
20	16QAM	50	24	21.41	21.47	21.33	
20	16QAM	50	50	21.39	21.47	21.35	
20	16QAM	100	0	21.41	21.48	21.29	
20	64QAM	1	0	21.54	21.72	21.42	22.6
20	64QAM	1	49	21.50	21.67	21.51	
20	64QAM	1	99	21.57	21.55	21.33	
20	64QAM	50	0	20.48	20.52	20.32	22.1
20	64QAM	50	24	20.49	20.50	20.33	
20	64QAM	50	50	20.46	20.50	20.39	
20	64QAM	100	0	20.47	20.54	20.38	
20	256QAM	1	0	18.47	18.60	18.67	20.1
20	256QAM	1	49	18.55	18.45	18.57	
20	256QAM	1	99	18.60	18.57	18.79	
20	256QAM	50	0	18.54	18.64	18.55	20.1
20	256QAM	50	24	18.61	18.48	18.57	
20	256QAM	50	50	18.54	18.50	18.62	
20	256QAM	100	0	18.59	18.51	18.49	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.01	22.12	22.01	22.6
15	QPSK	1	37	21.86	22.03	21.94	
15	QPSK	1	74	21.97	22.01	21.92	
15	QPSK	36	0	22.07	22.13	22.01	22.6
15	QPSK	36	20	22.15	22.19	22.02	
15	QPSK	36	39	22.01	22.13	22.06	
15	QPSK	75	0	22.14	22.17	22.10	
15	16QAM	1	0	22.31	22.24	22.24	22.6
15	16QAM	1	37	22.19	22.24	22.12	
15	16QAM	1	74	22.24	22.25	22.09	
15	16QAM	36	0	21.31	21.45	21.20	22.6
15	16QAM	36	20	21.31	21.41	21.27	
15	16QAM	36	39	21.29	21.41	21.27	
15	16QAM	75	0	21.40	21.42	21.24	
15	64QAM	1	0	21.52	21.69	21.35	22.6
15	64QAM	1	37	21.42	21.67	21.42	
15	64QAM	1	74	21.47	21.45	21.27	
15	64QAM	36	0	20.47	20.46	20.28	22.1
15	64QAM	36	20	20.46	20.41	20.31	
15	64QAM	36	39	20.45	20.49	20.39	
15	64QAM	75	0	20.45	20.54	20.33	
15	256QAM	1	0	18.46	18.54	18.60	20.1
15	256QAM	1	37	18.50	18.36	18.56	
15	256QAM	1	74	18.58	18.51	18.73	
15	256QAM	36	0	18.50	18.59	18.52	20.1
15	256QAM	36	20	18.56	18.43	18.48	
15	256QAM	36	39	18.48	18.41	18.58	
15	256QAM	75	0	18.55	18.49	18.46	
Channel				26090	26340	26840	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	21.92	22.18	22.04	22.6
10	QPSK	1	25	21.81	22.04	21.92	
10	QPSK	1	49	21.94	21.99	21.92	
10	QPSK	25	0	22.11	22.14	22.06	22.6
10	QPSK	25	12	22.12	22.20	22.09	
10	QPSK	25	25	22.01	22.15	22.08	
10	QPSK	50	0	22.10	22.18	22.03	
10	16QAM	1	0	22.22	22.19	22.20	22.6
10	16QAM	1	25	22.16	22.27	22.17	
10	16QAM	1	49	22.24	22.17	22.08	
10	16QAM	25	0	21.30	21.38	21.22	22.6
10	16QAM	25	12	21.40	21.42	21.25	
10	16QAM	25	25	21.36	21.39	21.32	
10	16QAM	50	0	21.31	21.44	21.21	
10	64QAM	1	0	21.45	21.68	21.38	22.6
10	64QAM	1	25	21.40	21.65	21.44	
10	64QAM	1	49	21.53	21.54	21.26	
10	64QAM	25	0	20.43	20.47	20.28	22.1
10	64QAM	25	12	20.42	20.41	20.23	
10	64QAM	25	25	20.36	20.46	20.31	
10	64QAM	50	0	20.44	20.54	20.35	
10	256QAM	1	0	18.47	18.53	18.58	20.1
10	256QAM	1	25	18.45	18.44	18.52	
10	256QAM	1	49	18.55	18.53	18.79	
10	256QAM	25	0	18.53	18.55	18.54	20.1
10	256QAM	25	12	18.54	18.41	18.53	
10	256QAM	25	25	18.53	18.48	18.58	
10	256QAM	50	0	18.59	18.47	18.45	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.00	22.19	21.98	22.6
5	QPSK	1	12	21.90	21.99	21.92	
5	QPSK	1	24	21.91	21.99	21.94	
5	QPSK	12	0	22.12	22.18	22.03	22.6
5	QPSK	12	7	22.13	22.20	22.03	
5	QPSK	12	13	22.08	22.17	22.06	
5	QPSK	25	0	22.13	22.19	22.06	
5	16QAM	1	0	22.27	22.23	22.17	22.6
5	16QAM	1	12	22.22	22.21	22.10	
5	16QAM	1	24	22.26	22.24	22.04	
5	16QAM	12	0	21.30	21.38	21.24	22.6
5	16QAM	12	7	21.37	21.43	21.31	
5	16QAM	12	13	21.30	21.43	21.33	
5	16QAM	25	0	21.39	21.39	21.20	
5	64QAM	1	0	21.49	21.64	21.41	22.6
5	64QAM	1	12	21.48	21.66	21.47	
5	64QAM	1	24	21.51	21.51	21.24	
5	64QAM	12	0	20.43	20.48	20.28	22.1
5	64QAM	12	7	20.48	20.47	20.29	
5	64QAM	12	13	20.41	20.45	20.33	
5	64QAM	25	0	20.38	20.53	20.32	
5	256QAM	1	0	18.38	18.55	18.59	20.1
5	256QAM	1	12	18.50	18.35	18.57	
5	256QAM	1	24	18.53	18.49	18.70	
5	256QAM	12	0	18.52	18.61	18.48	20.1
5	256QAM	12	7	18.58	18.45	18.57	
5	256QAM	12	13	18.50	18.42	18.58	
5	256QAM	25	0	18.57	18.46	18.39	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	21.97	22.12	22.02	22.6
3	QPSK	1	8	21.84	22.00	22.00	
3	QPSK	1	14	21.92	22.00	21.87	
3	QPSK	8	0	22.08	22.15	22.01	22.6
3	QPSK	8	4	22.05	22.12	22.08	
3	QPSK	8	7	22.04	22.16	22.09	
3	QPSK	15	0	22.10	22.12	22.08	
3	16QAM	1	0	22.30	22.16	22.17	22.6
3	16QAM	1	8	22.20	22.26	22.17	
3	16QAM	1	14	22.27	22.21	22.00	
3	16QAM	8	0	21.35	21.44	21.23	22.6
3	16QAM	8	4	21.40	21.37	21.29	
3	16QAM	8	7	21.32	21.42	21.34	
3	16QAM	15	0	21.31	21.45	21.19	
3	64QAM	1	0	21.51	21.64	21.41	22.6
3	64QAM	1	8	21.43	21.66	21.46	
3	64QAM	1	14	21.48	21.55	21.27	
3	64QAM	8	0	20.44	20.52	20.28	22.1
3	64QAM	8	4	20.42	20.46	20.29	
3	64QAM	8	7	20.39	20.42	20.35	
3	64QAM	15	0	20.43	20.46	20.35	
3	256QAM	1	0	18.47	18.52	18.67	20.1
3	256QAM	1	8	18.49	18.38	18.49	
3	256QAM	1	14	18.50	18.55	18.72	
3	256QAM	8	0	18.47	18.54	18.48	20.1
3	256QAM	8	4	18.58	18.48	18.48	
3	256QAM	8	7	18.46	18.42	18.55	
3	256QAM	15	0	18.59	18.46	18.39	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.00	22.10	22.06	22.6
1.4	QPSK	1	3	21.95	22.02	21.93	
1.4	QPSK	1	5	22.00	22.11	21.98	
1.4	QPSK	3	0	22.02	22.14	21.96	
1.4	QPSK	3	1	22.01	22.20	22.01	
1.4	QPSK	3	3	21.91	22.10	21.93	
1.4	QPSK	6	0	21.94	22.16	21.94	22.6
1.4	16QAM	1	0	22.21	22.15	22.16	22.6
1.4	16QAM	1	3	22.11	22.30	22.04	
1.4	16QAM	1	5	22.18	22.31	22.09	
1.4	16QAM	3	0	21.98	22.13	21.96	
1.4	16QAM	3	1	21.98	22.23	22.00	
1.4	16QAM	3	3	21.96	22.20	21.97	
1.4	16QAM	6	0	21.29	21.48	21.26	22.6
1.4	64QAM	1	0	21.44	21.73	21.39	22.6
1.4	64QAM	1	3	21.36	21.61	21.29	
1.4	64QAM	1	5	21.48	21.63	21.30	
1.4	64QAM	3	0	21.39	21.56	21.25	
1.4	64QAM	3	1	21.40	21.61	21.28	
1.4	64QAM	3	3	21.39	21.55	21.29	
1.4	64QAM	6	0	20.28	20.43	20.15	22.1
1.4	256QAM	1	0	18.44	18.53	18.61	20.1
1.4	256QAM	1	3	18.48	18.43	18.57	
1.4	256QAM	1	5	18.47	18.41	18.73	
1.4	256QAM	3	0	18.42	18.53	18.45	20.1
1.4	256QAM	3	1	18.55	18.41	18.54	
1.4	256QAM	3	3	18.52	18.41	18.56	
1.4	256QAM	6	0	18.48	18.49	18.47	20.1

Band 30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		22.15		22.9
10	QPSK	1	25		22.14		
10	QPSK	1	49		22.15		
10	QPSK	25	0		20.67		21.9
10	QPSK	25	12		20.65		
10	QPSK	25	25		20.68		
10	QPSK	50	0		20.66		
10	16QAM	1	0		22.57		22.9
10	16QAM	1	25		22.48		
10	16QAM	1	49		22.45		
10	16QAM	25	0		20.72		21.9
10	16QAM	25	12		20.71		
10	16QAM	25	25		20.72		
10	16QAM	50	0		20.72		
10	64QAM	1	0		21.91		22.9
10	64QAM	1	25		21.96		
10	64QAM	1	49		21.90		
10	64QAM	25	0		20.71		21.9
10	64QAM	25	12		20.72		
10	64QAM	25	25		20.72		
10	64QAM	50	0		20.73		
10	256QAM	1	0		19.19		19.9
10	256QAM	1	25		18.94		
10	256QAM	1	49		18.98		
10	256QAM	25	0		18.96		19.9
10	256QAM	25	12		18.94		
10	256QAM	25	25		18.83		
10	256QAM	50	0		18.88		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.15	22.15	22.12	22.9
5	QPSK	1	12	22.16	22.19	22.19	
5	QPSK	1	24	22.15	22.14	22.09	
5	QPSK	12	0	20.68	20.69	20.68	21.9
5	QPSK	12	7	20.70	20.71	20.67	
5	QPSK	12	13	20.70	20.71	20.67	
5	QPSK	25	0	20.67	20.65	20.62	
5	16QAM	1	0	22.45	22.55	22.50	22.9
5	16QAM	1	12	22.49	22.58	22.51	
5	16QAM	1	24	22.50	22.48	22.40	
5	16QAM	12	0	20.73	20.77	20.76	21.9
5	16QAM	12	7	20.77	20.77	20.76	
5	16QAM	12	13	20.77	20.79	20.76	
5	16QAM	25	0	20.72	20.69	20.69	
5	64QAM	1	0	21.84	21.86	21.90	22.9
5	64QAM	1	12	21.95	21.93	21.86	
5	64QAM	1	24	21.96	21.84	21.81	
5	64QAM	12	0	20.72	20.77	20.76	21.9
5	64QAM	12	7	20.75	20.79	20.75	
5	64QAM	12	13	20.78	20.80	20.73	
5	64QAM	25	0	20.72	20.70	20.68	
5	256QAM	1	0	19.12	19.11	19.13	19.9
5	256QAM	1	12	18.98	18.97	18.99	
5	256QAM	1	24	18.95	18.98	18.94	
5	256QAM	12	0	19.02	19.02	19.05	19.9
5	256QAM	12	7	18.92	18.88	18.93	
5	256QAM	12	13	18.81	18.89	18.85	
5	256QAM	25	0	18.94	18.90	18.92	

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.02	23.03	23.01	23.5
20	QPSK	1	49	23.00	22.93	22.96	
20	QPSK	1	99	23.00	22.89	22.98	
20	QPSK	50	0	23.08	23.09	23.06	23.5
20	QPSK	50	24	23.07	23.05	23.05	
20	QPSK	50	50	23.07	22.97	23.05	
20	QPSK	100	0	23.02	23.05	23.02	
20	16QAM	1	0	23.18	23.20	23.21	23.5
20	16QAM	1	49	23.20	23.13	23.13	
20	16QAM	1	99	23.18	23.12	23.18	
20	16QAM	50	0	22.08	22.00	22.04	23
20	16QAM	50	24	22.11	22.00	22.05	
20	16QAM	50	50	22.11	21.99	22.04	
20	16QAM	100	0	22.09	22.00	22.04	
20	64QAM	1	0	22.24	22.17	22.17	23
20	64QAM	1	49	22.16	22.02	22.10	
20	64QAM	1	99	22.27	22.05	22.19	
20	64QAM	50	0	21.13	21.02	21.05	22
20	64QAM	50	24	21.13	21.03	21.05	
20	64QAM	50	50	21.13	21.02	21.08	
20	64QAM	100	0	21.15	21.02	21.07	
20	256QAM	1	0	18.50	18.73	18.69	20
20	256QAM	1	49	18.63	18.46	18.72	
20	256QAM	1	99	18.72	18.62	18.78	
20	256QAM	50	0	18.61	18.70	18.56	20
20	256QAM	50	24	18.65	18.59	18.61	
20	256QAM	50	50	18.60	18.63	18.69	
20	256QAM	100	0	18.70	18.56	18.57	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.01	22.94	22.96	23.5
15	QPSK	1	37	23.00	22.84	22.92	
15	QPSK	1	74	22.98	22.84	22.92	
15	QPSK	36	0	23.00	22.92	23.05	23.5
15	QPSK	36	20	23.06	23.07	23.08	
15	QPSK	36	39	23.02	22.95	22.95	
15	QPSK	75	0	22.99	23.02	23.00	
15	16QAM	1	0	23.12	23.13	23.17	23.5
15	16QAM	1	37	23.11	23.13	23.06	
15	16QAM	1	74	23.12	23.10	23.18	
15	16QAM	36	0	22.00	21.95	22.01	23
15	16QAM	36	20	22.11	21.96	22.00	
15	16QAM	36	39	22.04	21.96	22.02	
15	16QAM	75	0	22.08	21.91	22.02	
15	64QAM	1	0	22.19	22.17	22.14	23
15	64QAM	1	37	22.06	21.92	22.06	
15	64QAM	1	74	22.23	22.02	22.09	
15	64QAM	36	0	21.13	20.96	20.95	22
15	64QAM	36	20	21.10	21.01	20.95	
15	64QAM	36	39	21.06	21.02	20.98	
15	64QAM	75	0	21.06	20.96	21.01	
15	256QAM	1	0	18.51	18.74	18.66	20
15	256QAM	1	37	18.64	18.45	18.70	
15	256QAM	1	74	18.70	18.61	18.75	
15	256QAM	36	0	18.54	18.64	18.54	20
15	256QAM	36	20	18.67	18.59	18.62	
15	256QAM	36	39	18.56	18.60	18.63	
15	256QAM	75	0	18.69	18.61	18.52	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.94	22.99	22.91	23.5
10	QPSK	1	25	22.94	22.90	22.87	
10	QPSK	1	49	22.93	22.83	22.92	
10	QPSK	25	0	23.06	22.98	22.97	23.5
10	QPSK	25	12	23.08	23.00	23.07	
10	QPSK	25	25	23.01	22.97	22.95	
10	QPSK	50	0	22.92	22.98	23.01	
10	16QAM	1	0	23.14	23.15	23.20	23.5
10	16QAM	1	25	23.15	23.11	23.12	
10	16QAM	1	49	23.15	23.07	23.18	
10	16QAM	25	0	22.08	21.90	22.00	23
10	16QAM	25	12	22.02	21.90	22.05	
10	16QAM	25	25	22.06	21.92	22.02	
10	16QAM	50	0	22.04	21.95	21.95	
10	64QAM	1	0	22.23	22.16	22.15	23
10	64QAM	1	25	22.12	21.92	22.08	
10	64QAM	1	49	22.17	21.96	22.09	
10	64QAM	25	0	21.11	20.96	20.96	22
10	64QAM	25	12	21.10	20.97	21.00	
10	64QAM	25	25	21.08	21.01	21.08	
10	64QAM	50	0	21.13	20.92	21.04	
10	256QAM	1	0	18.58	18.74	18.69	20
10	256QAM	1	25	18.63	18.50	18.64	
10	256QAM	1	49	18.69	18.58	18.77	
10	256QAM	25	0	18.63	18.64	18.50	20
10	256QAM	25	12	18.63	18.58	18.61	
10	256QAM	25	25	18.60	18.58	18.69	
10	256QAM	50	0	18.70	18.51	18.58	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.96	22.97	23.00	23.5
5	QPSK	1	12	22.99	22.83	22.87	
5	QPSK	1	24	23.00	22.84	22.95	
5	QPSK	12	0	22.98	22.92	23.04	23.5
5	QPSK	12	7	23.01	23.04	23.08	
5	QPSK	12	13	22.98	22.88	22.95	
5	QPSK	25	0	22.98	23.00	22.96	
5	16QAM	1	0	23.13	23.13	23.19	23.5
5	16QAM	1	12	23.15	23.05	23.05	
5	16QAM	1	24	23.18	23.07	23.14	
5	16QAM	12	0	22.01	21.93	22.04	23
5	16QAM	12	7	22.09	21.90	22.03	
5	16QAM	12	13	22.04	21.98	22.01	
5	16QAM	25	0	22.03	22.00	22.02	
5	64QAM	1	0	22.15	22.14	22.08	23
5	64QAM	1	12	22.15	21.92	22.10	
5	64QAM	1	24	22.21	22.04	22.13	
5	64QAM	12	0	21.12	21.00	20.98	22
5	64QAM	12	7	21.13	20.95	20.99	
5	64QAM	12	13	21.06	20.94	21.06	
5	64QAM	25	0	21.15	20.95	21.01	
5	256QAM	1	0	18.52	18.70	18.73	20
5	256QAM	1	12	18.57	18.49	18.70	
5	256QAM	1	24	18.69	18.64	18.74	
5	256QAM	12	0	18.63	18.70	18.53	20
5	256QAM	12	7	18.69	18.62	18.55	
5	256QAM	12	13	18.62	18.56	18.66	
5	256QAM	25	0	18.73	18.55	18.53	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.92	22.99	22.96	23.5
3	QPSK	1	8	22.90	22.85	22.93	
3	QPSK	1	14	22.98	22.84	22.88	
3	QPSK	8	0	22.97	23.01	23.05	23.5
3	QPSK	8	4	23.00	23.02	23.04	
3	QPSK	8	7	23.00	22.90	22.97	
3	QPSK	15	0	22.99	22.95	22.93	
3	16QAM	1	0	23.17	23.13	23.16	23.5
3	16QAM	1	8	23.17	23.09	23.07	
3	16QAM	1	14	23.15	23.03	23.12	
3	16QAM	8	0	22.07	21.96	21.96	23
3	16QAM	8	4	22.10	21.92	22.03	
3	16QAM	8	7	22.10	21.90	21.97	
3	16QAM	15	0	22.08	21.95	22.02	
3	64QAM	1	0	22.16	22.09	22.16	23
3	64QAM	1	8	22.14	21.95	22.05	
3	64QAM	1	14	22.19	21.95	22.11	
3	64QAM	8	0	21.12	20.99	21.04	22
3	64QAM	8	4	21.13	20.95	20.96	
3	64QAM	8	7	21.05	21.02	21.01	
3	64QAM	15	0	21.05	21.00	21.00	
3	256QAM	1	0	18.49	18.73	18.72	20
3	256QAM	1	8	18.61	18.50	18.64	
3	256QAM	1	14	18.69	18.61	18.80	
3	256QAM	8	0	18.58	18.65	18.47	20
3	256QAM	8	4	18.66	18.58	18.60	
3	256QAM	8	7	18.57	18.54	18.69	
3	256QAM	15	0	18.72	18.56	18.51	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.03	22.93	22.98	23.5
1.4	QPSK	1	3	22.94	22.87	22.95	
1.4	QPSK	1	5	23.03	22.94	23.02	
1.4	QPSK	3	0	23.03	22.95	22.97	
1.4	QPSK	3	1	23.10	23.04	23.06	
1.4	QPSK	3	3	22.99	22.93	22.98	
1.4	QPSK	6	0	23.00	22.94	22.99	23.5
1.4	16QAM	1	0	23.04	23.05	23.13	23.5
1.4	16QAM	1	3	23.14	23.15	23.16	
1.4	16QAM	1	5	23.05	23.19	23.19	
1.4	16QAM	3	0	23.08	23.07	23.04	
1.4	16QAM	3	1	23.10	23.05	23.03	
1.4	16QAM	3	3	23.07	23.01	23.02	
1.4	16QAM	6	0	22.12	21.97	22.00	23
1.4	64QAM	1	0	22.15	22.14	22.12	23
1.4	64QAM	1	3	22.13	22.11	22.03	
1.4	64QAM	1	5	22.08	22.16	22.11	
1.4	64QAM	3	0	22.15	22.02	22.08	
1.4	64QAM	3	1	22.20	22.13	22.14	
1.4	64QAM	3	3	22.10	22.07	22.10	
1.4	64QAM	6	0	21.04	21.03	21.01	22
1.4	256QAM	1	0	18.53	18.65	18.71	20
1.4	256QAM	1	3	18.58	18.41	18.63	
1.4	256QAM	1	5	18.56	18.60	18.70	
1.4	256QAM	3	0	18.48	18.58	18.46	
1.4	256QAM	3	1	18.56	18.51	18.63	
1.4	256QAM	3	3	18.59	18.47	18.62	
1.4	256QAM	6	0	18.68	18.52	18.54	20

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.15	22.16	22.15	23.4
20	QPSK	1	49	22.11	22.06	22.08	
20	QPSK	1	99	22.13	22.04	22.16	
20	QPSK	50	0	22.26	22.21	22.23	23.4
20	QPSK	50	24	22.26	22.22	22.24	
20	QPSK	50	50	22.23	22.19	22.22	
20	QPSK	100	0	22.25	22.19	22.21	
20	16QAM	1	0	22.27	22.25	22.26	23.4
20	16QAM	1	49	22.21	22.32	22.31	
20	16QAM	1	99	22.20	22.27	22.30	
20	16QAM	50	0	21.53	21.47	21.46	22.9
20	16QAM	50	24	21.52	21.46	21.50	
20	16QAM	50	50	21.50	21.45	21.53	
20	16QAM	100	0	21.50	21.46	21.51	
20	64QAM	1	0	21.67	21.74	21.66	22.9
20	64QAM	1	49	21.63	21.56	21.68	
20	64QAM	1	99	21.70	21.52	21.71	
20	64QAM	50	0	20.52	20.48	20.50	21.9
20	64QAM	50	24	20.58	20.49	20.56	
20	64QAM	50	50	20.55	20.49	20.58	
20	64QAM	100	0	20.54	20.48	20.56	
20	256QAM	1	0	18.52	18.56	18.64	19.9
20	256QAM	1	49	18.50	18.47	18.56	
20	256QAM	1	99	18.53	18.52	18.74	
20	256QAM	50	0	18.51	18.64	18.52	19.9
20	256QAM	50	24	18.63	18.48	18.55	
20	256QAM	50	50	18.50	18.52	18.70	
20	256QAM	100	0	18.67	18.55	18.51	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.11	22.06	22.10	23.4
15	QPSK	1	37	22.10	22.01	22.07	
15	QPSK	1	74	22.05	21.95	22.11	
15	QPSK	36	0	22.18	22.13	22.21	23.4
15	QPSK	36	20	22.22	22.14	22.24	
15	QPSK	36	39	22.18	22.15	22.17	
15	QPSK	75	0	22.20	22.15	22.19	
15	16QAM	1	0	22.26	22.19	22.29	23.4
15	16QAM	1	37	22.20	22.29	22.30	
15	16QAM	1	74	22.32	22.19	22.24	
15	16QAM	36	0	21.47	21.42	21.44	22.9
15	16QAM	36	20	21.51	21.42	21.43	
15	16QAM	36	39	21.42	21.42	21.47	
15	16QAM	75	0	21.49	21.43	21.49	
15	64QAM	1	0	21.64	21.69	21.58	22.9
15	64QAM	1	37	21.62	21.50	21.64	
15	64QAM	1	74	21.67	21.46	21.61	
15	64QAM	36	0	20.42	20.38	20.49	21.9
15	64QAM	36	20	20.56	20.44	20.46	
15	64QAM	36	39	20.46	20.40	20.50	
15	64QAM	75	0	20.54	20.46	20.48	
15	256QAM	1	0	18.49	18.55	18.56	19.9
15	256QAM	1	37	18.50	18.44	18.56	
15	256QAM	1	74	18.46	18.47	18.65	
15	256QAM	36	0	18.48	18.63	18.49	19.9
15	256QAM	36	20	18.56	18.41	18.49	
15	256QAM	36	39	18.44	18.47	18.65	
15	256QAM	75	0	18.62	18.49	18.46	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.13	22.07	22.10	23.4
10	QPSK	1	25	22.05	21.97	22.03	
10	QPSK	1	49	22.07	22.03	22.15	
10	QPSK	25	0	22.21	22.14	22.18	23.4
10	QPSK	25	12	22.24	22.22	22.15	
10	QPSK	25	25	22.14	22.14	22.15	
10	QPSK	50	0	22.20	22.09	22.13	
10	16QAM	1	0	22.26	22.24	22.29	23.4
10	16QAM	1	25	22.30	22.25	22.30	
10	16QAM	1	49	22.30	22.21	22.25	
10	16QAM	25	0	21.52	21.46	21.46	22.9
10	16QAM	25	12	21.44	21.43	21.50	
10	16QAM	25	25	21.43	21.39	21.51	
10	16QAM	50	0	21.48	21.44	21.43	
10	64QAM	1	0	21.60	21.74	21.56	22.9
10	64QAM	1	25	21.63	21.52	21.60	
10	64QAM	1	49	21.62	21.43	21.63	
10	64QAM	25	0	20.50	20.38	20.40	21.9
10	64QAM	25	12	20.54	20.39	20.53	
10	64QAM	25	25	20.55	20.41	20.55	
10	64QAM	50	0	20.44	20.45	20.54	
10	256QAM	1	0	18.48	18.48	18.64	19.9
10	256QAM	1	25	18.49	18.37	18.51	
10	256QAM	1	49	18.51	18.48	18.73	
10	256QAM	25	0	18.51	18.61	18.42	19.9
10	256QAM	25	12	18.54	18.42	18.59	
10	256QAM	25	25	18.50	18.50	18.67	
10	256QAM	50	0	18.59	18.54	18.43	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.08	22.12	22.10	23.4
5	QPSK	1	12	22.05	21.96	21.98	
5	QPSK	1	24	22.10	22.00	22.13	
5	QPSK	12	0	22.17	22.17	22.18	23.4
5	QPSK	12	7	22.18	22.12	22.23	
5	QPSK	12	13	22.21	22.09	22.16	
5	QPSK	25	0	22.23	22.12	22.21	
5	16QAM	1	0	22.20	22.22	22.32	23.4
5	16QAM	1	12	22.21	22.29	22.29	
5	16QAM	1	24	22.30	22.21	22.28	
5	16QAM	12	0	21.45	21.39	21.38	22.9
5	16QAM	12	7	21.45	21.41	21.41	
5	16QAM	12	13	21.40	21.40	21.51	
5	16QAM	25	0	21.40	21.37	21.50	
5	64QAM	1	0	21.58	21.65	21.64	22.9
5	64QAM	1	12	21.63	21.49	21.63	
5	64QAM	1	24	21.64	21.52	21.64	
5	64QAM	12	0	20.44	20.38	20.42	21.9
5	64QAM	12	7	20.53	20.47	20.52	
5	64QAM	12	13	20.54	20.49	20.58	
5	64QAM	25	0	20.50	20.43	20.56	
5	256QAM	1	0	18.44	18.51	18.57	19.9
5	256QAM	1	12	18.50	18.45	18.48	
5	256QAM	1	24	18.52	18.47	18.72	
5	256QAM	12	0	18.51	18.56	18.51	19.9
5	256QAM	12	7	18.53	18.38	18.47	
5	256QAM	12	13	18.47	18.49	18.63	
5	256QAM	25	0	18.64	18.54	18.48	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.08	22.15	22.05	23.4
3	QPSK	1	8	22.07	21.99	22.00	
3	QPSK	1	14	22.11	21.98	22.13	
3	QPSK	8	0	22.22	22.17	22.23	23.4
3	QPSK	8	4	22.21	22.18	22.20	
3	QPSK	8	7	22.21	22.12	22.21	
3	QPSK	15	0	22.22	22.14	22.14	
3	16QAM	1	0	22.19	22.30	22.29	23.4
3	16QAM	1	8	22.13	22.29	22.24	
3	16QAM	1	14	22.23	22.22	22.24	
3	16QAM	8	0	21.49	21.44	21.39	22.9
3	16QAM	8	4	21.44	21.41	21.49	
3	16QAM	8	7	21.50	21.35	21.51	
3	16QAM	15	0	21.50	21.38	21.43	
3	64QAM	1	0	21.61	21.74	21.59	22.9
3	64QAM	1	8	21.61	21.55	21.67	
3	64QAM	1	14	21.68	21.46	21.66	
3	64QAM	8	0	20.44	20.46	20.42	21.9
3	64QAM	8	4	20.53	20.48	20.52	
3	64QAM	8	7	20.52	20.42	20.53	
3	64QAM	15	0	20.52	20.43	20.52	
3	256QAM	1	0	18.50	18.48	18.58	19.9
3	256QAM	1	8	18.49	18.45	18.54	
3	256QAM	1	14	18.48	18.43	18.65	
3	256QAM	8	0	18.45	18.57	18.46	19.9
3	256QAM	8	4	18.59	18.40	18.49	
3	256QAM	8	7	18.44	18.50	18.61	
3	256QAM	15	0	18.61	18.52	18.50	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.22	22.10	22.18	23.4
1.4	QPSK	1	3	22.08	22.01	22.05	
1.4	QPSK	1	5	22.13	22.10	22.13	
1.4	QPSK	3	0	22.13	22.12	22.18	
1.4	QPSK	3	1	22.15	22.14	22.20	
1.4	QPSK	3	3	22.08	22.12	22.14	
1.4	QPSK	6	0	22.07	22.10	22.15	23.4
1.4	16QAM	1	0	22.29	22.30	22.30	23.4
1.4	16QAM	1	3	22.23	22.25	22.20	
1.4	16QAM	1	5	22.27	22.30	22.31	
1.4	16QAM	3	0	22.12	22.19	22.19	
1.4	16QAM	3	1	22.13	22.25	22.24	
1.4	16QAM	3	3	22.09	22.18	22.18	
1.4	16QAM	6	0	21.38	21.45	21.45	22.9
1.4	64QAM	1	0	21.45	21.59	21.53	22.9
1.4	64QAM	1	3	21.38	21.50	21.53	
1.4	64QAM	1	5	21.48	21.59	21.56	
1.4	64QAM	3	0	21.45	21.49	21.56	
1.4	64QAM	3	1	21.44	21.54	21.58	
1.4	64QAM	3	3	21.43	21.48	21.51	
1.4	64QAM	6	0	20.33	20.40	20.43	21.9
1.4	256QAM	1	0	18.52	18.58	18.63	19.9
1.4	256QAM	1	3	18.46	18.38	18.57	
1.4	256QAM	1	5	18.52	18.41	18.73	
1.4	256QAM	3	0	18.38	18.47	18.44	
1.4	256QAM	3	1	18.60	18.45	18.55	
1.4	256QAM	3	3	18.55	18.45	18.60	
1.4	256QAM	6	0	18.49	18.49	18.48	19.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.49	23.50	23.45	24.7
20	QPSK	1	49	23.45	23.42	23.35	
20	QPSK	1	99	23.47	23.40	23.28	
20	QPSK	50	0	22.55	22.56	22.47	24.2
20	QPSK	50	24	22.54	22.53	22.45	
20	QPSK	50	50	22.53	22.50	22.40	
20	QPSK	100	0	22.53	22.54	22.41	
20	16QAM	1	0	22.73	22.80	22.68	24.2
20	16QAM	1	49	22.71	22.69	22.68	
20	16QAM	1	99	22.80	22.73	22.63	
20	16QAM	50	0	21.56	21.53	21.47	23.2
20	16QAM	50	24	21.59	21.55	21.46	
20	16QAM	50	50	21.58	21.54	21.44	
20	16QAM	100	0	21.56	21.54	21.43	
20	64QAM	1	0	21.71	21.66	21.62	23.2
20	64QAM	1	49	21.68	21.61	21.55	
20	64QAM	1	99	21.71	21.63	21.54	
20	64QAM	50	0	20.59	20.58	20.52	22.2
20	64QAM	50	24	20.63	20.60	20.51	
20	64QAM	50	50	20.62	20.57	20.48	
20	64QAM	100	0	20.59	20.57	20.48	
20	256QAM	1	0	18.43	18.46	18.53	20.2
20	256QAM	1	49	18.49	18.37	18.46	
20	256QAM	1	99	18.50	18.44	18.70	
20	256QAM	50	0	18.52	18.57	18.56	20.2
20	256QAM	50	24	18.60	18.49	18.60	
20	256QAM	50	50	18.55	18.49	18.67	
20	256QAM	100	0	18.60	18.51	18.57	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.47	23.49	23.48	24.7
15	QPSK	1	37	23.45	23.46	23.37	
15	QPSK	1	74	23.45	23.48	23.38	
15	QPSK	36	0	22.57	22.60	22.51	24.2
15	QPSK	36	20	22.60	22.58	22.50	
15	QPSK	36	39	22.59	22.58	22.48	
15	QPSK	75	0	22.62	22.58	22.49	
15	16QAM	1	0	22.78	22.84	22.81	24.2
15	16QAM	1	37	22.76	22.85	22.83	
15	16QAM	1	74	22.81	22.80	22.74	
15	16QAM	36	0	21.59	21.61	21.53	23.2
15	16QAM	36	20	21.60	21.62	21.52	
15	16QAM	36	39	21.61	21.61	21.51	
15	16QAM	75	0	21.60	21.61	21.50	
15	64QAM	1	0	21.65	21.72	21.66	23.2
15	64QAM	1	37	21.67	21.69	21.59	
15	64QAM	1	74	21.72	21.66	21.55	
15	64QAM	36	0	20.61	20.67	20.56	22.2
15	64QAM	36	20	20.63	20.64	20.56	
15	64QAM	36	39	20.65	20.64	20.56	
15	64QAM	75	0	20.61	20.65	20.53	
15	256QAM	1	0	18.38	18.38	18.49	20.2
15	256QAM	1	37	18.44	18.30	18.45	
15	256QAM	1	74	18.50	18.42	18.70	
15	256QAM	36	0	18.43	18.50	18.51	20.2
15	256QAM	36	20	18.52	18.41	18.52	
15	256QAM	36	39	18.46	18.39	18.58	
15	256QAM	75	0	18.58	18.51	18.52	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.48	23.49	23.43	24.7
10	QPSK	1	25	23.37	23.37	23.27	
10	QPSK	1	49	23.47	23.45	23.35	
10	QPSK	25	0	22.51	22.49	22.43	24.2
10	QPSK	25	12	22.51	22.50	22.40	
10	QPSK	25	25	22.52	22.52	22.40	
10	QPSK	50	0	22.54	22.54	22.42	
10	16QAM	1	0	22.79	22.84	22.75	24.2
10	16QAM	1	25	22.71	22.80	22.66	
10	16QAM	1	49	22.81	22.78	22.67	
10	16QAM	25	0	21.53	21.53	21.45	23.2
10	16QAM	25	12	21.56	21.55	21.45	
10	16QAM	25	25	21.57	21.54	21.45	
10	16QAM	50	0	21.57	21.54	21.47	
10	64QAM	1	0	21.58	21.68	21.64	23.2
10	64QAM	1	25	21.60	21.68	21.60	
10	64QAM	1	49	21.67	21.68	21.61	
10	64QAM	25	0	20.54	20.58	20.46	22.2
10	64QAM	25	12	20.55	20.54	20.44	
10	64QAM	25	25	20.58	20.57	20.47	
10	64QAM	50	0	20.59	20.59	20.48	
10	256QAM	1	0	18.41	18.40	18.48	20.2
10	256QAM	1	25	18.41	18.35	18.46	
10	256QAM	1	49	18.48	18.38	18.66	
10	256QAM	25	0	18.44	18.51	18.47	20.2
10	256QAM	25	12	18.54	18.47	18.54	
10	256QAM	25	25	18.49	18.40	18.64	
10	256QAM	50	0	18.53	18.43	18.49	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.46	23.48	23.38	24.7
5	QPSK	1	12	23.48	23.48	23.38	
5	QPSK	1	24	23.44	23.44	23.33	
5	QPSK	12	0	22.49	22.48	22.40	24.2
5	QPSK	12	7	22.52	22.51	22.40	
5	QPSK	12	13	22.51	22.49	22.39	
5	QPSK	25	0	22.51	22.48	22.41	
5	16QAM	1	0	22.76	22.76	22.64	24.2
5	16QAM	1	12	22.76	22.80	22.61	
5	16QAM	1	24	22.71	22.74	22.55	
5	16QAM	12	0	21.53	21.57	21.45	23.2
5	16QAM	12	7	21.56	21.58	21.47	
5	16QAM	12	13	21.55	21.59	21.46	
5	16QAM	25	0	21.55	21.53	21.44	
5	64QAM	1	0	21.62	21.61	21.54	23.2
5	64QAM	1	12	21.68	21.66	21.45	
5	64QAM	1	24	21.69	21.67	21.52	
5	64QAM	12	0	20.54	20.57	20.47	22.2
5	64QAM	12	7	20.53	20.55	20.49	
5	64QAM	12	13	20.55	20.54	20.47	
5	64QAM	25	0	20.57	20.54	20.44	
5	256QAM	1	0	18.43	18.37	18.44	20.2
5	256QAM	1	12	18.47	18.27	18.41	
5	256QAM	1	24	18.45	18.41	18.68	
5	256QAM	12	0	18.50	18.50	18.54	20.2
5	256QAM	12	7	18.59	18.45	18.50	
5	256QAM	12	13	18.55	18.48	18.61	
5	256QAM	25	0	18.58	18.44	18.51	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.47	23.44	23.35	24.7
3	QPSK	1	8	23.41	23.39	23.29	
3	QPSK	1	14	23.44	23.42	23.31	
3	QPSK	8	0	22.48	22.46	22.37	24.2
3	QPSK	8	4	22.50	22.45	22.36	
3	QPSK	8	7	22.55	22.51	22.36	
3	QPSK	15	0	22.51	22.49	22.39	
3	16QAM	1	0	22.72	22.74	22.62	24.2
3	16QAM	1	8	22.67	22.65	22.58	
3	16QAM	1	14	22.67	22.67	22.62	
3	16QAM	8	0	21.52	21.53	21.45	23.2
3	16QAM	8	4	21.52	21.52	21.46	
3	16QAM	8	7	21.56	21.54	21.48	
3	16QAM	15	0	21.53	21.51	21.44	
3	64QAM	1	0	21.56	21.61	21.50	23.2
3	64QAM	1	8	21.56	21.61	21.49	
3	64QAM	1	14	21.60	21.60	21.51	
3	64QAM	8	0	20.52	20.56	20.45	22.2
3	64QAM	8	4	20.55	20.55	20.46	
3	64QAM	8	7	20.59	20.61	20.50	
3	64QAM	15	0	20.55	20.52	20.45	
3	256QAM	1	0	18.36	18.43	18.48	20.2
3	256QAM	1	8	18.40	18.30	18.44	
3	256QAM	1	14	18.43	18.42	18.66	
3	256QAM	8	0	18.44	18.49	18.55	20.2
3	256QAM	8	4	18.59	18.46	18.59	
3	256QAM	8	7	18.48	18.41	18.58	
3	256QAM	15	0	18.53	18.42	18.47	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.46	23.42	23.34	24.7
1.4	QPSK	1	3	23.37	23.35	23.24	
1.4	QPSK	1	5	23.45	23.41	23.31	
1.4	QPSK	3	0	23.44	23.44	23.34	
1.4	QPSK	3	1	23.48	23.44	23.41	
1.4	QPSK	3	3	23.41	23.41	23.35	
1.4	QPSK	6	0	22.47	22.44	22.35	24.2
1.4	16QAM	1	0	22.70	22.66	22.60	24.2
1.4	16QAM	1	3	22.60	22.53	22.49	
1.4	16QAM	1	5	22.69	22.64	22.57	
1.4	16QAM	3	0	22.56	22.56	22.43	
1.4	16QAM	3	1	22.62	22.54	22.47	
1.4	16QAM	3	3	22.58	22.54	22.42	
1.4	16QAM	6	0	21.49	21.49	21.41	23.2
1.4	64QAM	1	0	21.64	21.62	21.52	23.2
1.4	64QAM	1	3	21.55	21.51	21.45	
1.4	64QAM	1	5	21.63	21.61	21.48	
1.4	64QAM	3	0	21.60	21.55	21.43	
1.4	64QAM	3	1	21.67	21.62	21.51	
1.4	64QAM	3	3	21.60	21.59	21.49	
1.4	64QAM	6	0	20.50	20.46	20.40	22.2
1.4	256QAM	1	0	18.40	18.44	18.44	20.2
1.4	256QAM	1	3	18.49	18.30	18.44	
1.4	256QAM	1	5	18.45	18.38	18.64	
1.4	256QAM	3	0	18.52	18.56	18.53	
1.4	256QAM	3	1	18.50	18.40	18.55	
1.4	256QAM	3	3	18.49	18.42	18.64	
1.4	256QAM	6	0	18.56	18.45	18.50	20.2

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.32	23.38	23.44	24.9
20	QPSK	1	49	23.35	23.41	23.45	
20	QPSK	1	99	23.39	23.43	23.49	
20	QPSK	50	0	23.14	23.15	23.20	23.9
20	QPSK	50	24	23.18	23.15	23.24	
20	QPSK	50	50	23.20	23.16	23.25	
20	QPSK	100	0	23.20	23.14	23.22	
20	16QAM	1	0	23.34	23.37	23.40	23.9
20	16QAM	1	49	23.33	23.36	23.42	
20	16QAM	1	99	23.31	23.36	23.55	
20	16QAM	50	0	22.15	22.14	22.20	22.9
20	16QAM	50	24	22.17	22.19	22.23	
20	16QAM	50	50	22.16	22.19	22.22	
20	16QAM	100	0	22.15	22.13	22.19	
20	64QAM	1	0	22.31	22.31	22.39	22.9
20	64QAM	1	49	22.20	22.32	22.29	
20	64QAM	1	99	22.22	22.37	22.41	
20	64QAM	50	0	21.19	21.19	21.23	21.9
20	64QAM	50	24	21.20	21.21	21.25	
20	64QAM	50	50	21.19	21.20	21.27	
20	64QAM	100	0	21.16	21.16	21.20	
20	256QAM	1	0	19.32	19.33	19.29	19.9
20	256QAM	1	49	19.23	19.19	19.21	
20	256QAM	1	99	19.11	19.07	19.06	
20	256QAM	50	0	19.23	19.09	19.16	19.9
20	256QAM	50	24	19.18	19.13	19.05	
20	256QAM	50	50	19.19	19.01	19.01	
20	256QAM	100	0	19.12	19.13	18.98	
Channel				20525	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.43	23.40	23.46	24.9
15	QPSK	1	37	23.35	23.34	23.42	
15	QPSK	1	74	23.42	23.43	23.53	
15	QPSK	36	0	23.16	23.16	23.24	23.9
15	QPSK	36	20	23.15	23.15	23.27	
15	QPSK	36	39	23.15	23.16	23.27	
15	QPSK	75	0	23.18	23.17	23.26	
15	16QAM	1	0	23.39	23.39	23.49	23.9
15	16QAM	1	37	23.45	23.48	23.54	
15	16QAM	1	74	23.34	23.39	23.52	
15	16QAM	36	0	22.14	22.16	22.22	22.9
15	16QAM	36	20	22.10	22.16	22.23	
15	16QAM	36	39	22.11	22.17	22.27	
15	16QAM	75	0	22.16	22.18	22.24	
15	64QAM	1	0	22.26	22.31	22.33	22.9
15	64QAM	1	37	22.36	22.38	22.41	
15	64QAM	1	74	22.31	22.35	22.48	
15	64QAM	36	0	21.13	21.19	21.23	21.9
15	64QAM	36	20	21.12	21.18	21.24	
15	64QAM	36	39	21.12	21.17	21.27	
15	64QAM	75	0	21.15	21.16	21.24	
15	256QAM	1	0	19.30	19.34	19.30	19.9
15	256QAM	1	37	19.22	19.18	19.19	
15	256QAM	1	74	19.11	19.07	19.13	
15	256QAM	36	0	19.22	19.08	19.08	19.9
15	256QAM	36	20	19.18	19.06	19.03	
15	256QAM	36	39	19.11	18.98	19.08	
15	256QAM	75	0	19.14	19.14	19.05	
Channel				20500	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.40	23.39	23.49	24.9
10	QPSK	1	25	23.34	23.38	23.49	
10	QPSK	1	49	23.40	23.40	23.51	
10	QPSK	25	0	23.12	23.12	23.24	23.9
10	QPSK	25	12	23.13	23.12	23.25	
10	QPSK	25	25	23.15	23.13	23.27	
10	QPSK	50	0	23.15	23.16	23.26	
10	16QAM	1	0	23.38	23.43	23.46	23.9
10	16QAM	1	25	23.33	23.33	23.47	
10	16QAM	1	49	23.28	23.39	23.48	
10	16QAM	25	0	22.10	22.12	22.22	22.9
10	16QAM	25	12	22.11	22.14	22.23	
10	16QAM	25	25	22.14	22.16	22.26	
10	16QAM	50	0	22.14	22.14	22.27	
10	64QAM	1	0	22.31	22.31	22.44	22.9
10	64QAM	1	25	22.23	22.34	22.30	
10	64QAM	1	49	22.31	22.31	22.43	
10	64QAM	25	0	21.12	21.14	21.22	21.9
10	64QAM	25	12	21.13	21.15	21.24	
10	64QAM	25	25	21.15	21.14	21.25	
10	64QAM	50	0	21.15	21.19	21.26	
10	256QAM	1	0	19.29	19.30	19.28	19.9
10	256QAM	1	25	19.22	19.13	19.16	
10	256QAM	1	49	19.12	19.07	19.07	
10	256QAM	25	0	19.21	19.10	19.08	19.9
10	256QAM	25	12	19.18	19.14	19.03	
10	256QAM	25	25	19.19	19.01	18.99	
10	256QAM	50	0	19.20	19.10	19.08	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.41	23.39	23.51	24.9
5	QPSK	1	12	23.50	23.45	23.54	
5	QPSK	1	24	23.39	23.40	23.52	
5	QPSK	12	0	23.13	23.13	23.24	23.9
5	QPSK	12	7	23.13	23.15	23.24	
5	QPSK	12	13	23.13	23.13	23.26	
5	QPSK	25	0	23.14	23.13	23.27	
5	16QAM	1	0	23.34	23.40	23.49	23.9
5	16QAM	1	12	23.39	23.50	23.51	
5	16QAM	1	24	23.34	23.40	23.45	
5	16QAM	12	0	22.14	22.17	22.28	22.9
5	16QAM	12	7	22.17	22.19	22.32	
5	16QAM	12	13	22.15	22.15	22.31	
5	16QAM	25	0	22.14	22.14	22.25	
5	64QAM	1	0	22.25	22.28	22.42	22.9
5	64QAM	1	12	22.32	22.39	22.48	
5	64QAM	1	24	22.27	22.29	22.39	
5	64QAM	12	0	21.15	21.19	21.28	21.9
5	64QAM	12	7	21.20	21.20	21.30	
5	64QAM	12	13	21.17	21.17	21.31	
5	64QAM	25	0	21.15	21.16	21.26	
5	256QAM	1	0	19.31	19.28	19.28	19.9
5	256QAM	1	12	19.15	19.22	19.20	
5	256QAM	1	24	19.09	19.16	19.11	
5	256QAM	12	0	19.19	19.08	19.07	19.9
5	256QAM	12	7	19.18	19.05	19.03	
5	256QAM	12	13	19.11	19.06	19.02	
5	256QAM	25	0	19.15	19.10	19.03	

Band 25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.02	22.20	22.08	23.4
20	QPSK	1	49	21.91	22.04	22.01	
20	QPSK	1	99	22.01	22.07	21.95	
20	QPSK	50	0	22.14	22.20	22.09	23.4
20	QPSK	50	24	22.15	22.21	22.12	
20	QPSK	50	50	22.11	22.20	22.12	
20	QPSK	100	0	22.14	22.20	22.10	
20	16QAM	1	0	22.32	22.23	22.25	23.4
20	16QAM	1	49	22.23	22.28	22.17	
20	16QAM	1	99	22.30	22.25	22.09	
20	16QAM	50	0	21.40	21.46	21.30	22.9
20	16QAM	50	24	21.41	21.47	21.33	
20	16QAM	50	50	21.39	21.47	21.35	
20	16QAM	100	0	21.41	21.48	21.29	
20	64QAM	1	0	21.54	21.72	21.42	22.9
20	64QAM	1	49	21.50	21.67	21.51	
20	64QAM	1	99	21.57	21.55	21.33	
20	64QAM	50	0	20.48	20.52	20.32	21.9
20	64QAM	50	24	20.49	20.50	20.33	
20	64QAM	50	50	20.46	20.50	20.39	
20	64QAM	100	0	20.47	20.54	20.38	
20	256QAM	1	0	18.47	18.60	18.67	19.9
20	256QAM	1	49	18.55	18.45	18.57	
20	256QAM	1	99	18.60	18.57	18.79	
20	256QAM	50	0	18.54	18.64	18.55	19.9
20	256QAM	50	24	18.61	18.48	18.57	
20	256QAM	50	50	18.54	18.50	18.62	
20	256QAM	100	0	18.59	18.51	18.49	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.01	22.12	22.01	23.4
15	QPSK	1	37	21.86	22.03	21.94	
15	QPSK	1	74	21.97	22.01	21.92	
15	QPSK	36	0	22.07	22.13	22.01	23.4
15	QPSK	36	20	22.15	22.19	22.02	
15	QPSK	36	39	22.01	22.13	22.06	
15	QPSK	75	0	22.14	22.17	22.10	
15	16QAM	1	0	22.31	22.24	22.24	23.4
15	16QAM	1	37	22.19	22.24	22.12	
15	16QAM	1	74	22.24	22.25	22.09	
15	16QAM	36	0	21.31	21.45	21.20	22.9
15	16QAM	36	20	21.31	21.41	21.27	
15	16QAM	36	39	21.29	21.41	21.27	
15	16QAM	75	0	21.40	21.42	21.24	
15	64QAM	1	0	21.52	21.69	21.35	22.9
15	64QAM	1	37	21.42	21.67	21.42	
15	64QAM	1	74	21.47	21.45	21.27	
15	64QAM	36	0	20.47	20.46	20.28	21.9
15	64QAM	36	20	20.46	20.41	20.31	
15	64QAM	36	39	20.45	20.49	20.39	
15	64QAM	75	0	20.45	20.54	20.33	
15	256QAM	1	0	18.46	18.54	18.60	19.9
15	256QAM	1	37	18.50	18.36	18.56	
15	256QAM	1	74	18.58	18.51	18.73	
15	256QAM	36	0	18.50	18.59	18.52	19.9
15	256QAM	36	20	18.56	18.43	18.48	
15	256QAM	36	39	18.48	18.41	18.58	
15	256QAM	75	0	18.55	18.49	18.46	
Channel				26090	26340	26840	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	21.92	22.18	22.04	23.4
10	QPSK	1	25	21.81	22.04	21.92	
10	QPSK	1	49	21.94	21.99	21.92	
10	QPSK	25	0	22.11	22.14	22.06	23.4
10	QPSK	25	12	22.12	22.20	22.09	
10	QPSK	25	25	22.01	22.15	22.08	
10	QPSK	50	0	22.10	22.18	22.03	
10	16QAM	1	0	22.22	22.19	22.20	23.4
10	16QAM	1	25	22.16	22.27	22.17	
10	16QAM	1	49	22.24	22.17	22.08	
10	16QAM	25	0	21.30	21.38	21.22	22.9
10	16QAM	25	12	21.40	21.42	21.25	
10	16QAM	25	25	21.36	21.39	21.32	
10	16QAM	50	0	21.31	21.44	21.21	
10	64QAM	1	0	21.45	21.68	21.38	22.9
10	64QAM	1	25	21.40	21.65	21.44	
10	64QAM	1	49	21.53	21.54	21.26	
10	64QAM	25	0	20.43	20.47	20.28	21.9
10	64QAM	25	12	20.42	20.41	20.23	
10	64QAM	25	25	20.36	20.46	20.31	
10	64QAM	50	0	20.44	20.54	20.35	
10	256QAM	1	0	18.47	18.53	18.58	19.9
10	256QAM	1	25	18.45	18.44	18.52	
10	256QAM	1	49	18.55	18.53	18.79	
10	256QAM	25	0	18.53	18.55	18.54	19.9
10	256QAM	25	12	18.54	18.41	18.53	
10	256QAM	25	25	18.53	18.48	18.58	
10	256QAM	50	0	18.59	18.47	18.45	
Channel				26065	26340	26865	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.00	22.19	21.98	23.4
5	QPSK	1	12	21.90	21.99	21.92	
5	QPSK	1	24	21.91	21.99	21.94	
5	QPSK	12	0	22.12	22.18	22.03	23.4
5	QPSK	12	7	22.13	22.20	22.03	
5	QPSK	12	13	22.08	22.17	22.06	
5	QPSK	25	0	22.13	22.19	22.06	
5	16QAM	1	0	22.27	22.23	22.17	23.4
5	16QAM	1	12	22.22	22.21	22.10	
5	16QAM	1	24	22.26	22.24	22.04	
5	16QAM	12	0	21.30	21.38	21.24	22.9
5	16QAM	12	7	21.37	21.43	21.31	
5	16QAM	12	13	21.30	21.43	21.33	
5	16QAM	25	0	21.39	21.39	21.20	
5	64QAM	1	0	21.49	21.64	21.41	22.9
5	64QAM	1	12	21.48	21.66	21.47	
5	64QAM	1	24	21.51	21.51	21.24	
5	64QAM	12	0	20.43	20.48	20.28	21.9
5	64QAM	12	7	20.48	20.47	20.29	
5	64QAM	12	13	20.41	20.45	20.33	
5	64QAM	25	0	20.38	20.53	20.32	
5	256QAM	1	0	18.38	18.55	18.59	19.9
5	256QAM	1	12	18.50	18.35	18.57	
5	256QAM	1	24	18.53	18.49	18.70	
5	256QAM	12	0	18.52	18.61	18.48	19.9
5	256QAM	12	7	18.58	18.45	18.57	
5	256QAM	12	13	18.50	18.42	18.58	
5	256QAM	25	0	18.57	18.46	18.39	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	21.97	22.12	22.02	23.4
3	QPSK	1	8	21.84	22.00	22.00	
3	QPSK	1	14	21.92	22.00	21.87	
3	QPSK	8	0	22.08	22.15	22.01	23.4
3	QPSK	8	4	22.05	22.12	22.08	
3	QPSK	8	7	22.04	22.16	22.09	
3	QPSK	15	0	22.10	22.12	22.08	
3	16QAM	1	0	22.30	22.16	22.17	23.4
3	16QAM	1	8	22.20	22.26	22.17	
3	16QAM	1	14	22.27	22.21	22.00	
3	16QAM	8	0	21.35	21.44	21.23	22.9
3	16QAM	8	4	21.40	21.37	21.29	
3	16QAM	8	7	21.32	21.42	21.34	
3	16QAM	15	0	21.31	21.45	21.19	
3	64QAM	1	0	21.51	21.64	21.41	22.9
3	64QAM	1	8	21.43	21.66	21.46	
3	64QAM	1	14	21.48	21.55	21.27	
3	64QAM	8	0	20.44	20.52	20.28	21.9
3	64QAM	8	4	20.42	20.46	20.29	
3	64QAM	8	7	20.39	20.42	20.35	
3	64QAM	15	0	20.43	20.46	20.35	
3	256QAM	1	0	18.47	18.52	18.67	19.9
3	256QAM	1	8	18.49	18.38	18.49	
3	256QAM	1	14	18.50	18.55	18.72	
3	256QAM	8	0	18.47	18.54	18.48	19.9
3	256QAM	8	4	18.58	18.48	18.48	
3	256QAM	8	7	18.46	18.42	18.55	
3	256QAM	15	0	18.59	18.46	18.39	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.00	22.10	22.06	23.4
1.4	QPSK	1	3	21.95	22.02	21.93	
1.4	QPSK	1	5	22.00	22.11	21.98	
1.4	QPSK	3	0	22.02	22.14	21.96	
1.4	QPSK	3	1	22.01	22.20	22.01	
1.4	QPSK	3	3	21.91	22.10	21.93	
1.4	QPSK	6	0	21.94	22.16	21.94	23.4
1.4	16QAM	1	0	22.21	22.15	22.16	23.4
1.4	16QAM	1	3	22.11	22.30	22.04	
1.4	16QAM	1	5	22.18	22.31	22.09	
1.4	16QAM	3	0	21.98	22.13	21.96	
1.4	16QAM	3	1	21.98	22.23	22.00	
1.4	16QAM	3	3	21.96	22.20	21.97	
1.4	16QAM	6	0	21.29	21.48	21.26	22.9
1.4	64QAM	1	0	21.44	21.73	21.39	22.9
1.4	64QAM	1	3	21.36	21.61	21.29	
1.4	64QAM	1	5	21.48	21.63	21.30	
1.4	64QAM	3	0	21.39	21.56	21.25	
1.4	64QAM	3	1	21.40	21.61	21.28	
1.4	64QAM	3	3	21.39	21.55	21.29	
1.4	64QAM	6	0	20.28	20.43	20.15	21.9
1.4	256QAM	1	0	18.44	18.53	18.61	19.9
1.4	256QAM	1	3	18.48	18.43	18.57	
1.4	256QAM	1	5	18.47	18.41	18.73	
1.4	256QAM	3	0	18.42	18.53	18.45	19.9
1.4	256QAM	3	1	18.55	18.41	18.54	
1.4	256QAM	3	3	18.52	18.41	18.56	
1.4	256QAM	6	0	18.48	18.49	18.47	19.9

Band 30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		22.15		23.7
10	QPSK	1	25		22.14		
10	QPSK	1	49		22.15		
10	QPSK	25	0		20.67		21.9
10	QPSK	25	12		20.65		
10	QPSK	25	25		20.68		
10	QPSK	50	0		20.66		
10	16QAM	1	0		22.57		23.7
10	16QAM	1	25		22.48		
10	16QAM	1	49		22.45		
10	16QAM	25	0		20.72		21.7
10	16QAM	25	12		20.71		
10	16QAM	25	25		20.72		
10	16QAM	50	0		20.72		
10	64QAM	1	0		21.91		23.7
10	64QAM	1	25		21.96		
10	64QAM	1	49		21.90		
10	64QAM	25	0		20.71		21.7
10	64QAM	25	12		20.72		
10	64QAM	25	25		20.72		
10	64QAM	50	0		20.73		
10	256QAM	1	0		19.19		19.7
10	256QAM	1	25		18.94		
10	256QAM	1	49		18.98		
10	256QAM	25	0		18.96		19.7
10	256QAM	25	12		18.94		
10	256QAM	25	25		18.83		
10	256QAM	50	0		18.88		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.15	22.15	22.12	23.7
5	QPSK	1	12	22.16	22.19	22.19	
5	QPSK	1	24	22.15	22.14	22.09	
5	QPSK	12	0	20.68	20.69	20.68	21.9
5	QPSK	12	7	20.70	20.71	20.67	
5	QPSK	12	13	20.70	20.71	20.67	
5	QPSK	25	0	20.67	20.65	20.62	
5	16QAM	1	0	22.45	22.55	22.50	23.7
5	16QAM	1	12	22.49	22.58	22.51	
5	16QAM	1	24	22.50	22.48	22.40	
5	16QAM	12	0	20.73	20.77	20.76	21.7
5	16QAM	12	7	20.77	20.77	20.76	
5	16QAM	12	13	20.77	20.79	20.76	
5	16QAM	25	0	20.72	20.69	20.69	
5	64QAM	1	0	21.84	21.86	21.90	23.7
5	64QAM	1	12	21.95	21.93	21.86	
5	64QAM	1	24	21.96	21.84	21.81	
5	64QAM	12	0	20.72	20.77	20.76	21.7
5	64QAM	12	7	20.75	20.79	20.75	
5	64QAM	12	13	20.78	20.80	20.73	
5	64QAM	25	0	20.72	20.70	20.68	
5	256QAM	1	0	19.12	19.11	19.13	19.7
5	256QAM	1	12	18.98	18.97	18.99	
5	256QAM	1	24	18.95	18.98	18.94	
5	256QAM	12	0	19.02	19.02	19.05	19.7
5	256QAM	12	7	18.92	18.88	18.93	
5	256QAM	12	13	18.81	18.89	18.85	
5	256QAM	25	0	18.94	18.90	18.92	

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.62	23.64	23.63	24.7
20	QPSK	1	49	23.61	23.59	23.51	
20	QPSK	1	99	23.61	23.58	23.49	
20	QPSK	50	0	22.72	22.73	22.66	24.2
20	QPSK	50	24	22.71	22.68	22.65	
20	QPSK	50	50	22.70	22.69	22.58	
20	QPSK	100	0	22.69	22.70	22.60	
20	16QAM	1	0	22.90	22.88	22.86	24.2
20	16QAM	1	49	22.89	22.81	22.81	
20	16QAM	1	99	22.93	22.79	22.80	
20	16QAM	50	0	21.71	21.59	21.63	23.2
20	16QAM	50	24	21.74	21.60	21.63	
20	16QAM	50	50	21.75	21.60	21.61	
20	16QAM	100	0	21.72	21.59	21.64	
20	64QAM	1	0	21.73	21.75	21.76	23.2
20	64QAM	1	49	21.74	21.66	21.67	
20	64QAM	1	99	21.82	21.65	21.69	
20	64QAM	50	0	20.75	20.66	20.70	22.2
20	64QAM	50	24	20.78	20.66	20.69	
20	64QAM	50	50	20.76	20.60	20.68	
20	64QAM	100	0	20.74	20.63	20.68	
20	256QAM	1	0	18.58	18.74	18.73	20.2
20	256QAM	1	49	18.64	18.51	18.74	
20	256QAM	1	99	18.72	18.65	18.81	
20	256QAM	50	0	18.64	18.72	18.56	20.2
20	256QAM	50	24	18.73	18.68	18.65	
20	256QAM	50	50	18.65	18.64	18.70	
20	256QAM	100	0	18.76	18.61	18.60	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.60	23.57	23.58	24.7
15	QPSK	1	37	23.60	23.53	23.55	
15	QPSK	1	74	23.59	23.53	23.56	
15	QPSK	36	0	22.74	22.63	22.64	24.2
15	QPSK	36	20	22.74	22.63	22.63	
15	QPSK	36	39	22.74	22.61	22.64	
15	QPSK	75	0	22.75	22.62	22.64	
15	16QAM	1	0	22.95	22.89	22.92	24.2
15	16QAM	1	37	23.01	22.95	22.90	
15	16QAM	1	74	22.97	22.84	22.86	
15	16QAM	36	0	21.72	21.64	21.61	23.2
15	16QAM	36	20	21.72	21.66	21.65	
15	16QAM	36	39	21.76	21.65	21.67	
15	16QAM	75	0	21.77	21.65	21.68	
15	64QAM	1	0	21.86	21.79	21.80	23.2
15	64QAM	1	37	21.73	21.78	21.61	
15	64QAM	1	74	21.81	21.68	21.73	
15	64QAM	36	0	20.76	20.70	20.68	22.2
15	64QAM	36	20	20.78	20.68	20.69	
15	64QAM	36	39	20.81	20.70	20.72	
15	64QAM	75	0	20.79	20.70	20.72	
15	256QAM	1	0	18.58	18.74	18.65	20.2
15	256QAM	1	37	18.57	18.43	18.74	
15	256QAM	1	74	18.66	18.57	18.73	
15	256QAM	36	0	18.62	18.71	18.52	20.2
15	256QAM	36	20	18.73	18.61	18.62	
15	256QAM	36	39	18.57	18.60	18.61	
15	256QAM	75	0	18.71	18.60	18.60	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.60	23.52	23.53	24.7
10	QPSK	1	25	23.49	23.45	23.46	
10	QPSK	1	49	23.56	23.45	23.44	
10	QPSK	25	0	22.57	22.53	22.51	24.2
10	QPSK	25	12	22.58	22.51	22.50	
10	QPSK	25	25	22.57	22.51	22.51	
10	QPSK	50	0	22.60	22.54	22.54	
10	16QAM	1	0	22.87	22.81	22.78	24.2
10	16QAM	1	25	22.80	22.80	22.72	
10	16QAM	1	49	22.85	22.78	22.77	
10	16QAM	25	0	21.61	21.57	21.53	23.2
10	16QAM	25	12	21.61	21.55	21.54	
10	16QAM	25	25	21.62	21.58	21.57	
10	16QAM	50	0	21.62	21.58	21.57	
10	64QAM	1	0	21.68	21.71	21.60	23.2
10	64QAM	1	25	21.70	21.64	21.72	
10	64QAM	1	49	21.70	21.66	21.74	
10	64QAM	25	0	20.62	20.57	20.56	22.2
10	64QAM	25	12	20.61	20.57	20.57	
10	64QAM	25	25	20.64	20.59	20.59	
10	64QAM	50	0	20.65	20.61	20.61	
10	256QAM	1	0	18.52	18.74	18.69	20.2
10	256QAM	1	25	18.64	18.43	18.73	
10	256QAM	1	49	18.64	18.58	18.74	
10	256QAM	25	0	18.57	18.62	18.52	20.2
10	256QAM	25	12	18.71	18.65	18.61	
10	256QAM	25	25	18.60	18.60	18.67	
10	256QAM	50	0	18.68	18.61	18.50	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.59	23.61	23.61	24.7
5	QPSK	1	12	23.62	23.57	23.61	
5	QPSK	1	24	23.55	23.55	23.55	
5	QPSK	12	0	22.58	22.59	22.57	24.2
5	QPSK	12	7	22.58	22.60	22.60	
5	QPSK	12	13	22.57	22.58	22.58	
5	QPSK	25	0	22.58	22.58	22.58	
5	16QAM	1	0	22.84	22.87	22.87	24.2
5	16QAM	1	12	22.84	22.91	22.90	
5	16QAM	1	24	22.76	22.84	22.82	
5	16QAM	12	0	21.61	21.65	21.63	23.2
5	16QAM	12	7	21.63	21.67	21.66	
5	16QAM	12	13	21.62	21.69	21.65	
5	16QAM	25	0	21.62	21.64	21.63	
5	64QAM	1	0	21.66	21.78	21.77	23.2
5	64QAM	1	12	21.66	21.71	21.78	
5	64QAM	1	24	21.73	21.75	21.80	
5	64QAM	12	0	20.63	20.67	20.68	22.2
5	64QAM	12	7	20.63	20.68	20.70	
5	64QAM	12	13	20.62	20.67	20.71	
5	64QAM	25	0	20.65	20.65	20.67	
5	256QAM	1	0	18.53	18.72	18.73	20.2
5	256QAM	1	12	18.62	18.42	18.71	
5	256QAM	1	24	18.65	18.58	18.78	
5	256QAM	12	0	18.58	18.66	18.52	20.2
5	256QAM	12	7	18.73	18.59	18.55	
5	256QAM	12	13	18.64	18.62	18.68	
5	256QAM	25	0	18.74	18.55	18.50	
Channel				131667	132322	132977	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.58	23.58	23.61	24.7
3	QPSK	1	8	23.53	23.53	23.55	
3	QPSK	1	14	23.58	23.53	23.56	
3	QPSK	8	0	22.63	22.57	22.59	24.2
3	QPSK	8	4	22.66	22.60	22.62	
3	QPSK	8	7	22.67	22.61	22.63	
3	QPSK	15	0	22.66	22.61	22.62	
3	16QAM	1	0	22.88	22.85	22.76	24.2
3	16QAM	1	8	22.80	22.80	22.73	
3	16QAM	1	14	22.86	22.82	22.77	
3	16QAM	8	0	21.70	21.65	21.67	23.2
3	16QAM	8	4	21.70	21.64	21.69	
3	16QAM	8	7	21.78	21.73	21.70	
3	16QAM	15	0	21.71	21.67	21.69	
3	64QAM	1	0	21.78	21.75	21.74	23.2
3	64QAM	1	8	21.78	21.76	21.74	
3	64QAM	1	14	21.83	21.78	21.78	
3	64QAM	8	0	20.74	20.69	20.69	22.2
3	64QAM	8	4	20.73	20.70	20.73	
3	64QAM	8	7	20.78	20.73	20.75	
3	64QAM	15	0	20.72	20.67	20.67	
3	256QAM	1	0	18.50	18.74	18.72	20.2
3	256QAM	1	8	18.55	18.48	18.67	
3	256QAM	1	14	18.69	18.65	18.74	
3	256QAM	8	0	18.58	18.68	18.53	20.2
3	256QAM	8	4	18.65	18.61	18.62	
3	256QAM	8	7	18.58	18.62	18.63	
3	256QAM	15	0	18.68	18.57	18.57	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.52	23.52	23.56	24.7
1.4	QPSK	1	3	23.46	23.43	23.48	
1.4	QPSK	1	5	23.54	23.50	23.53	
1.4	QPSK	3	0	23.56	23.51	23.58	
1.4	QPSK	3	1	23.58	23.55	23.57	
1.4	QPSK	3	3	23.54	23.50	23.55	
1.4	QPSK	6	0	22.56	22.50	22.54	24.2
1.4	16QAM	1	0	22.77	22.80	22.73	24.2
1.4	16QAM	1	3	22.69	22.70	22.66	
1.4	16QAM	1	5	22.83	22.77	22.76	
1.4	16QAM	3	0	22.70	22.62	22.68	
1.4	16QAM	3	1	22.75	22.67	22.67	
1.4	16QAM	3	3	22.70	22.61	22.67	
1.4	16QAM	6	0	21.63	21.57	21.59	23.2
1.4	64QAM	1	0	21.74	21.67	21.73	23.2
1.4	64QAM	1	3	21.66	21.63	21.64	
1.4	64QAM	1	5	21.76	21.72	21.71	
1.4	64QAM	3	0	21.75	21.68	21.72	
1.4	64QAM	3	1	21.79	21.74	21.81	
1.4	64QAM	3	3	21.73	21.70	21.73	
1.4	64QAM	6	0	20.63	20.59	20.58	22.2
1.4	256QAM	1	0	18.57	18.70	18.71	20.2
1.4	256QAM	1	3	18.61	18.50	18.65	
1.4	256QAM	1	5	18.62	18.62	18.75	
1.4	256QAM	3	0	18.57	18.65	18.46	
1.4	256QAM	3	1	18.63	18.61	18.65	
1.4	256QAM	3	3	18.65	18.57	18.67	
1.4	256QAM	6	0	18.75	18.58	18.57	20.2

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.15	22.16	22.15	23.4
20	QPSK	1	49	22.11	22.06	22.08	
20	QPSK	1	99	22.13	22.04	22.16	
20	QPSK	50	0	22.26	22.21	22.23	23.4
20	QPSK	50	24	22.26	22.22	22.24	
20	QPSK	50	50	22.23	22.19	22.22	
20	QPSK	100	0	22.25	22.19	22.21	
20	16QAM	1	0	22.27	22.25	22.26	23.4
20	16QAM	1	49	22.21	22.32	22.31	
20	16QAM	1	99	22.20	22.27	22.30	
20	16QAM	50	0	21.53	21.47	21.46	22.9
20	16QAM	50	24	21.52	21.46	21.50	
20	16QAM	50	50	21.50	21.45	21.53	
20	16QAM	100	0	21.50	21.46	21.51	
20	64QAM	1	0	21.67	21.74	21.66	22.9
20	64QAM	1	49	21.63	21.56	21.68	
20	64QAM	1	99	21.70	21.52	21.71	
20	64QAM	50	0	20.52	20.48	20.50	21.9
20	64QAM	50	24	20.58	20.49	20.56	
20	64QAM	50	50	20.55	20.49	20.58	
20	64QAM	100	0	20.54	20.48	20.56	
20	256QAM	1	0	18.52	18.56	18.64	19.9
20	256QAM	1	49	18.50	18.47	18.56	
20	256QAM	1	99	18.53	18.52	18.74	
20	256QAM	50	0	18.51	18.64	18.52	19.9
20	256QAM	50	24	18.63	18.48	18.55	
20	256QAM	50	50	18.50	18.52	18.70	
20	256QAM	100	0	18.67	18.55	18.51	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.11	22.06	22.10	23.4
15	QPSK	1	37	22.10	22.01	22.07	
15	QPSK	1	74	22.05	21.95	22.11	
15	QPSK	36	0	22.18	22.13	22.21	23.4
15	QPSK	36	20	22.22	22.14	22.24	
15	QPSK	36	39	22.18	22.15	22.17	
15	QPSK	75	0	22.20	22.15	22.19	
15	16QAM	1	0	22.26	22.19	22.29	23.4
15	16QAM	1	37	22.20	22.29	22.30	
15	16QAM	1	74	22.32	22.19	22.24	
15	16QAM	36	0	21.47	21.42	21.44	22.9
15	16QAM	36	20	21.51	21.42	21.43	
15	16QAM	36	39	21.42	21.42	21.47	
15	16QAM	75	0	21.49	21.43	21.49	
15	64QAM	1	0	21.64	21.69	21.58	22.9
15	64QAM	1	37	21.62	21.50	21.64	
15	64QAM	1	74	21.67	21.46	21.61	
15	64QAM	36	0	20.42	20.38	20.49	21.9
15	64QAM	36	20	20.56	20.44	20.46	
15	64QAM	36	39	20.46	20.40	20.50	
15	64QAM	75	0	20.54	20.46	20.48	
15	256QAM	1	0	18.49	18.55	18.56	19.9
15	256QAM	1	37	18.50	18.44	18.56	
15	256QAM	1	74	18.46	18.47	18.65	
15	256QAM	36	0	18.48	18.63	18.49	19.9
15	256QAM	36	20	18.56	18.41	18.49	
15	256QAM	36	39	18.44	18.47	18.65	
15	256QAM	75	0	18.62	18.49	18.46	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.13	22.07	22.10	23.4
10	QPSK	1	25	22.05	21.97	22.03	
10	QPSK	1	49	22.07	22.03	22.15	
10	QPSK	25	0	22.21	22.14	22.18	23.4
10	QPSK	25	12	22.24	22.22	22.15	
10	QPSK	25	25	22.14	22.14	22.15	
10	QPSK	50	0	22.20	22.09	22.13	
10	16QAM	1	0	22.26	22.24	22.29	23.4
10	16QAM	1	25	22.30	22.25	22.30	
10	16QAM	1	49	22.30	22.21	22.25	
10	16QAM	25	0	21.52	21.46	21.46	22.9
10	16QAM	25	12	21.44	21.43	21.50	
10	16QAM	25	25	21.43	21.39	21.51	
10	16QAM	50	0	21.48	21.44	21.43	
10	64QAM	1	0	21.60	21.74	21.56	22.9
10	64QAM	1	25	21.63	21.52	21.60	
10	64QAM	1	49	21.62	21.43	21.63	
10	64QAM	25	0	20.50	20.38	20.40	21.9
10	64QAM	25	12	20.54	20.39	20.53	
10	64QAM	25	25	20.55	20.41	20.55	
10	64QAM	50	0	20.44	20.45	20.54	
10	256QAM	1	0	18.48	18.48	18.64	19.9
10	256QAM	1	25	18.49	18.37	18.51	
10	256QAM	1	49	18.51	18.48	18.73	
10	256QAM	25	0	18.51	18.61	18.42	19.9
10	256QAM	25	12	18.54	18.42	18.50	
10	256QAM	25	25	18.50	18.50	18.67	
10	256QAM	50	0	18.59	18.54	18.43	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.08	22.12	22.10	23.4
5	QPSK	1	12	22.05	21.96	21.98	
5	QPSK	1	24	22.10	22.00	22.13	
5	QPSK	12	0	22.17	22.17	22.18	23.4
5	QPSK	12	7	22.18	22.12	22.23	
5	QPSK	12	13	22.21	22.09	22.16	
5	QPSK	25	0	22.23	22.12	22.21	
5	16QAM	1	0	22.20	22.22	22.32	23.4
5	16QAM	1	12	22.21	22.29	22.29	
5	16QAM	1	24	22.30	22.21	22.28	
5	16QAM	12	0	21.45	21.39	21.38	22.9
5	16QAM	12	7	21.45	21.41	21.41	
5	16QAM	12	13	21.40	21.40	21.51	
5	16QAM	25	0	21.40	21.37	21.50	
5	64QAM	1	0	21.58	21.65	21.64	22.9
5	64QAM	1	12	21.63	21.49	21.63	
5	64QAM	1	24	21.64	21.52	21.64	
5	64QAM	12	0	20.44	20.38	20.42	21.9
5	64QAM	12	7	20.53	20.47	20.52	
5	64QAM	12	13	20.54	20.49	20.58	
5	64QAM	25	0	20.50	20.43	20.56	
5	256QAM	1	0	18.44	18.51	18.57	19.9
5	256QAM	1	12	18.50	18.45	18.48	
5	256QAM	1	24	18.52	18.47	18.72	
5	256QAM	12	0	18.51	18.56	18.51	19.9
5	256QAM	12	7	18.53	18.38	18.47	
5	256QAM	12	13	18.47	18.49	18.63	
5	256QAM	25	0	18.64	18.54	18.48	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.08	22.15	22.05	23.4
3	QPSK	1	8	22.07	21.99	22.00	
3	QPSK	1	14	22.11	21.98	22.13	
3	QPSK	8	0	22.22	22.17	22.23	23.4
3	QPSK	8	4	22.21	22.18	22.20	
3	QPSK	8	7	22.21	22.12	22.21	
3	QPSK	15	0	22.22	22.14	22.14	
3	16QAM	1	0	22.19	22.30	22.29	23.4
3	16QAM	1	8	22.13	22.29	22.24	
3	16QAM	1	14	22.23	22.22	22.24	
3	16QAM	8	0	21.49	21.44	21.39	22.9
3	16QAM	8	4	21.44	21.41	21.49	
3	16QAM	8	7	21.50	21.35	21.51	
3	16QAM	15	0	21.50	21.38	21.43	
3	64QAM	1	0	21.61	21.74	21.59	22.9
3	64QAM	1	8	21.61	21.55	21.67	
3	64QAM	1	14	21.68	21.46	21.66	
3	64QAM	8	0	20.44	20.46	20.42	21.9
3	64QAM	8	4	20.53	20.48	20.52	
3	64QAM	8	7	20.52	20.42	20.53	
3	64QAM	15	0	20.52	20.43	20.52	
3	256QAM	1	0	18.50	18.48	18.58	19.9
3	256QAM	1	8	18.49	18.45	18.54	
3	256QAM	1	14	18.48	18.43	18.65	
3	256QAM	8	0	18.45	18.57	18.46	19.9
3	256QAM	8	4	18.59	18.40	18.49	
3	256QAM	8	7	18.44	18.50	18.61	
3	256QAM	15	0	18.61	18.52	18.50	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.22	22.10	22.18	23.4
1.4	QPSK	1	3	22.08	22.01	22.05	
1.4	QPSK	1	5	22.13	22.10	22.13	
1.4	QPSK	3	0	22.13	22.12	22.18	
1.4	QPSK	3	1	22.15	22.14	22.20	
1.4	QPSK	3	3	22.08	22.12	22.14	
1.4	QPSK	6	0	22.07	22.10	22.15	23.4
1.4	16QAM	1	0	22.29	22.30	22.30	23.4
1.4	16QAM	1	3	22.23	22.25	22.20	
1.4	16QAM	1	5	22.27	22.30	22.31	
1.4	16QAM	3	0	22.12	22.19	22.19	
1.4	16QAM	3	1	22.13	22.25	22.24	
1.4	16QAM	3	3	22.09	22.18	22.18	
1.4	16QAM	6	0	21.38	21.45	21.45	22.9
1.4	64QAM	1	0	21.45	21.59	21.53	22.9
1.4	64QAM	1	3	21.38	21.50	21.53	
1.4	64QAM	1	5	21.48	21.59	21.56	
1.4	64QAM	3	0	21.45	21.49	21.56	
1.4	64QAM	3	1	21.44	21.54	21.58	
1.4	64QAM	3	3	21.43	21.48	21.51	
1.4	64QAM	6	0	20.33	20.40	20.43	21.9
1.4	256QAM	1	0	18.52	18.58	18.63	19.9
1.4	256QAM	1	3	18.46	18.38	18.57	
1.4	256QAM	1	5	18.52	18.41	18.73	
1.4	256QAM	3	0	18.38	18.47	18.44	
1.4	256QAM	3	1	18.60	18.45	18.55	
1.4	256QAM	3	3	18.55	18.45	18.60	
1.4	256QAM	6	0	18.49	18.49	18.48	19.9

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.49	23.50	23.45	23.9
20	QPSK	1	49	23.45	23.42	23.35	
20	QPSK	1	99	23.47	23.40	23.28	
20	QPSK	50	0	22.55	22.56	22.47	23.9
20	QPSK	50	24	22.54	22.53	22.45	
20	QPSK	50	50	22.53	22.50	22.40	
20	QPSK	100	0	22.53	22.54	22.41	
20	16QAM	1	0	22.73	22.80	22.68	23.9
20	16QAM	1	49	22.71	22.69	22.68	
20	16QAM	1	99	22.80	22.73	22.63	
20	16QAM	50	0	21.56	21.53	21.47	22.9
20	16QAM	50	24	21.59	21.55	21.46	
20	16QAM	50	50	21.58	21.54	21.44	
20	16QAM	100	0	21.56	21.54	21.43	
20	64QAM	1	0	21.71	21.66	21.62	21.9
20	64QAM	1	49	21.68	21.61	21.55	
20	64QAM	1	99	21.71	21.63	21.54	
20	64QAM	50	0	20.59	20.58	20.52	21.9
20	64QAM	50	24	20.63	20.60	20.51	
20	64QAM	50	50	20.62	20.57	20.48	
20	64QAM	100	0	20.59	20.57	20.48	
20	256QAM	1	0	18.43	18.46	18.53	19.9
20	256QAM	1	49	18.49	18.37	18.46	
20	256QAM	1	99	18.50	18.44	18.70	
20	256QAM	50	0	18.52	18.57	18.56	19.9
20	256QAM	50	24	18.60	18.49	18.60	
20	256QAM	50	50	18.55	18.49	18.67	
20	256QAM	100	0	18.60	18.51	18.57	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.47	23.49	23.48	23.9
15	QPSK	1	37	23.45	23.46	23.37	
15	QPSK	1	74	23.45	23.48	23.38	
15	QPSK	36	0	22.57	22.60	22.51	23.9
15	QPSK	36	20	22.60	22.58	22.50	
15	QPSK	36	39	22.59	22.58	22.48	
15	QPSK	75	0	22.62	22.58	22.49	
15	16QAM	1	0	22.78	22.84	22.81	23.9
15	16QAM	1	37	22.76	22.85	22.83	
15	16QAM	1	74	22.81	22.80	22.74	
15	16QAM	36	0	21.59	21.61	21.53	22.9
15	16QAM	36	20	21.60	21.62	21.52	
15	16QAM	36	39	21.61	21.61	21.51	
15	16QAM	75	0	21.60	21.61	21.50	
15	64QAM	1	0	21.65	21.72	21.66	21.9
15	64QAM	1	37	21.67	21.69	21.59	
15	64QAM	1	74	21.72	21.66	21.55	
15	64QAM	36	0	20.61	20.67	20.56	21.9
15	64QAM	36	20	20.63	20.64	20.56	
15	64QAM	36	39	20.65	20.64	20.56	
15	64QAM	75	0	20.61	20.65	20.53	
15	256QAM	1	0	18.38	18.38	18.49	19.9
15	256QAM	1	37	18.44	18.30	18.45	
15	256QAM	1	74	18.50	18.42	18.70	
15	256QAM	36	0	18.43	18.50	18.51	19.9
15	256QAM	36	20	18.52	18.41	18.52	
15	256QAM	36	39	18.46	18.39	18.58	
15	256QAM	75	0	18.58	18.51	18.52	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.48	23.49	23.43	23.9
10	QPSK	1	25	23.37	23.37	23.27	
10	QPSK	1	49	23.47	23.45	23.35	
10	QPSK	25	0	22.51	22.49	22.43	23.9
10	QPSK	25	12	22.51	22.50	22.40	
10	QPSK	25	25	22.52	22.52	22.40	
10	QPSK	50	0	22.54	22.54	22.42	
10	16QAM	1	0	22.79	22.84	22.75	23.9
10	16QAM	1	25	22.71	22.80	22.66	
10	16QAM	1	49	22.81	22.78	22.67	
10	16QAM	25	0	21.53	21.53	21.45	22.9
10	16QAM	25	12	21.56	21.55	21.45	
10	16QAM	25	25	21.57	21.54	21.45	
10	16QAM	50	0	21.57	21.54	21.47	
10	64QAM	1	0	21.58	21.68	21.64	21.9
10	64QAM	1	25	21.60	21.68	21.60	
10	64QAM	1	49	21.67	21.68	21.61	
10	64QAM	25	0	20.54	20.58	20.46	21.9
10	64QAM	25	12	20.55	20.54	20.44	
10	64QAM	25	25	20.58	20.57	20.47	
10	64QAM	50	0	20.59	20.59	20.48	
10	256QAM	1	0	18.41	18.40	18.48	19.9
10	256QAM	1	25	18.41	18.35	18.46	
10	256QAM	1	49	18.48	18.38	18.66	
10	256QAM	25	0	18.44	18.51	18.47	19.9
10	256QAM	25	12	18.54	18.47	18.54	
10	256QAM	25	25	18.49	18.40	18.64	
10	256QAM	50	0	18.53	18.43	18.49	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.46	23.48	23.38	23.9
5	QPSK	1	12	23.48	23.48	23.38	
5	QPSK	1	24	23.44	23.44	23.33	
5	QPSK	12	0	22.49	22.48	22.40	23.9
5	QPSK	12	7	22.52	22.51	22.40	
5	QPSK	12	13	22.51	22.49	22.39	
5	QPSK	25	0	22.51	22.48	22.41	
5	16QAM	1	0	22.76	22.76	22.64	23.9
5	16QAM	1	12	22.76	22.80	22.61	
5	16QAM	1	24	22.71	22.74	22.55	
5	16QAM	12	0	21.53	21.57	21.45	22.9
5	16QAM	12	7	21.56	21.58	21.47	
5	16QAM	12	13	21.55	21.59	21.46	
5	16QAM	25	0	21.55	21.53	21.44	
5	64QAM	1	0	21.62	21.61	21.54	21.9
5	64QAM	1	12	21.68	21.66	21.45	
5	64QAM	1	24	21.69	21.67	21.52	
5	64QAM	12	0	20.54	20.57	20.47	21.9
5	64QAM	12	7	20.53	20.55	20.49	
5	64QAM	12	13	20.55	20.54	20.47	
5	64QAM	25	0	20.57	20.54	20.44	
5	256QAM	1	0	18.43	18.37	18.44	19.9
5	256QAM	1	12	18.47	18.27	18.41	
5	256QAM	1	24	18.45	18.41	18.68	
5	256QAM	12	0	18.50	18.50	18.54	19.9
5	256QAM	12	7	18.59	18.45	18.50	
5	256QAM	12	13	18.55	18.48	18.61	
5	256QAM	25	0	18.58	18.44	18.51	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.47	23.44	23.35	23.9
3	QPSK	1	8	23.41	23.39	23.29	
3	QPSK	1	14	23.44	23.42	23.31	
3	QPSK	8	0	22.48	22.46	22.37	23.9
3	QPSK	8	4	22.50	22.45	22.36	
3	QPSK	8	7	22.55	22.51	22.36	
3	QPSK	15	0	22.51	22.49	22.39	
3	16QAM	1	0	22.72	22.74	22.62	23.9
3	16QAM	1	8	22.67	22.65	22.58	
3	16QAM	1	14	22.67	22.67	22.62	
3	16QAM	8	0	21.52	21.53	21.45	22.9
3	16QAM	8	4	21.52	21.52	21.46	
3	16QAM	8	7	21.56	21.54	21.48	
3	16QAM	15	0	21.53	21.51	21.44	
3	64QAM	1	0	21.56	21.61	21.50	21.9
3	64QAM	1	8	21.56	21.61	21.49	
3	64QAM	1	14	21.60	21.60	21.51	
3	64QAM	8	0	20.52	20.56	20.45	21.9
3	64QAM	8	4	20.55	20.55	20.46	
3	64QAM	8	7	20.59	20.61	20.50	
3	64QAM	15	0	20.55	20.52	20.45	
3	256QAM	1	0	18.36	18.43	18.48	19.9
3	256QAM	1	8	18.40	18.30	18.44	
3	256QAM	1	14	18.43	18.42	18.66	
3	256QAM	8	0	18.44	18.49	18.55	19.9
3	256QAM	8	4	18.59	18.46	18.59	
3	256QAM	8	7	18.48	18.41	18.58	
3	256QAM	15	0	18.53	18.42	18.47	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.46	23.42	23.34	23.9
1.4	QPSK	1	3	23.37	23.35	23.24	
1.4	QPSK	1	5	23.45	23.41	23.31	
1.4	QPSK	3	0	23.44	23.44	23.34	
1.4	QPSK	3	1	23.48	23.44	23.41	
1.4	QPSK	3	3	23.41	23.41	23.35	
1.4	QPSK	6	0	22.47	22.44	22.35	23.9
1.4	16QAM	1	0	22.70	22.66	22.60	23.9
1.4	16QAM	1	3	22.60	22.53	22.49	
1.4	16QAM	1	5	22.69	22.64	22.57	
1.4	16QAM	3	0	22.56	22.56	22.43	
1.4	16QAM	3	1	22.62	22.54	22.47	
1.4	16QAM	3	3	22.58	22.54	22.42	
1.4	16QAM	6	0	21.49	21.49	21.41	21.9
1.4	64QAM	1	0	21.64	21.62	21.52	21.9
1.4	64QAM	1	3	21.55	21.51	21.45	
1.4	64QAM	1	5	21.63	21.61	21.48	
1.4	64QAM	3	0	21.60	21.55	21.43	
1.4	64QAM	3	1	21.67	21.62	21.51	
1.4	64QAM	3	3	21.60	21.59	21.49	
1.4	64QAM	6	0	20.50	20.46	20.40	21.9
1.4	256QAM	1	0	18.40	18.44	18.44	19.9
1.4	256QAM	1	3	18.49	18.30	18.44	
1.4	256QAM	1	5	18.45	18.38	18.64	
1.4	256QAM	3	0	18.52	18.56	18.53	19.9
1.4	256QAM	3	1	18.50	18.40	18.55	
1.4	256QAM	3	3	18.49	18.42	18.64	
1.4	256QAM	6	0	18.56	18.45	18.50	19.9

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.32	23.38	23.44	24.9
20	QPSK	1	49	23.35	23.41	23.45	
20	QPSK	1	99	23.39	23.43	23.49	
20	QPSK	50	0	23.14	23.15	23.20	23.9
20	QPSK	50	24	23.18	23.15	23.24	
20	QPSK	50	50	23.20	23.16	23.25	
20	QPSK	100	0	23.20	23.14	23.22	
20	16QAM	1	0	23.34	23.37	23.40	23.9
20	16QAM	1	49	23.33	23.36	23.42	
20	16QAM	1	99	23.31	23.36	23.55	
20	16QAM	50	0	22.15	22.14	22.20	22.9
20	16QAM	50	24	22.17	22.19	22.23	
20	16QAM	50	50	22.16	22.19	22.22	
20	16QAM	100	0	22.15	22.13	22.19	
20	64QAM	1	0	22.31	22.31	22.39	22.9
20	64QAM	1	49	22.20	22.32	22.29	
20	64QAM	1	99	22.22	22.37	22.41	
20	64QAM	50	0	21.19	21.19	21.23	21.9
20	64QAM	50	24	21.20	21.21	21.25	
20	64QAM	50	50	21.19	21.20	21.27	
20	64QAM	100	0	21.16	21.16	21.20	
20	256QAM	1	0	19.32	19.33	19.29	19.9
20	256QAM	1	49	19.23	19.19	19.21	
20	256QAM	1	99	19.11	19.07	19.06	
20	256QAM	50	0	19.23	19.09	19.16	19.9
20	256QAM	50	24	19.18	19.13	19.05	
20	256QAM	50	50	19.19	19.01	19.01	
20	256QAM	100	0	19.12	19.13	18.98	
Channel				20525	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.43	23.40	23.46	24.9
15	QPSK	1	37	23.35	23.34	23.42	
15	QPSK	1	74	23.42	23.43	23.53	
15	QPSK	36	0	23.16	23.16	23.24	23.9
15	QPSK	36	20	23.15	23.15	23.27	
15	QPSK	36	39	23.15	23.16	23.27	
15	QPSK	75	0	23.18	23.17	23.26	
15	16QAM	1	0	23.39	23.39	23.49	23.9
15	16QAM	1	37	23.45	23.48	23.54	
15	16QAM	1	74	23.34	23.39	23.52	
15	16QAM	36	0	22.14	22.16	22.22	22.9
15	16QAM	36	20	22.10	22.16	22.23	
15	16QAM	36	39	22.11	22.17	22.27	
15	16QAM	75	0	22.16	22.18	22.24	
15	64QAM	1	0	22.26	22.31	22.33	22.9
15	64QAM	1	37	22.36	22.38	22.41	
15	64QAM	1	74	22.31	22.35	22.48	
15	64QAM	36	0	21.13	21.19	21.23	21.9
15	64QAM	36	20	21.12	21.18	21.24	
15	64QAM	36	39	21.12	21.17	21.27	
15	64QAM	75	0	21.15	21.16	21.24	
15	256QAM	1	0	19.30	19.34	19.30	19.9
15	256QAM	1	37	19.22	19.18	19.19	
15	256QAM	1	74	19.11	19.07	19.13	
15	256QAM	36	0	19.22	19.08	19.08	19.9
15	256QAM	36	20	19.18	19.06	19.03	
15	256QAM	36	39	19.11	18.98	19.08	
15	256QAM	75	0	19.14	19.14	19.05	
Channel				20500	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.40	23.39	23.49	24.9
10	QPSK	1	25	23.34	23.38	23.49	
10	QPSK	1	49	23.40	23.40	23.51	
10	QPSK	25	0	23.12	23.12	23.24	23.9
10	QPSK	25	12	23.13	23.12	23.25	
10	QPSK	25	25	23.15	23.13	23.27	
10	QPSK	50	0	23.15	23.16	23.26	
10	16QAM	1	0	23.38	23.43	23.46	23.9
10	16QAM	1	25	23.33	23.33	23.47	
10	16QAM	1	49	23.28	23.39	23.48	
10	16QAM	25	0	22.10	22.12	22.22	22.9
10	16QAM	25	12	22.11	22.14	22.23	
10	16QAM	25	25	22.14	22.16	22.26	
10	16QAM	50	0	22.14	22.14	22.27	
10	64QAM	1	0	22.31	22.31	22.44	22.9
10	64QAM	1	25	22.23	22.34	22.30	
10	64QAM	1	49	22.31	22.31	22.43	
10	64QAM	25	0	21.12	21.14	21.22	21.9
10	64QAM	25	12	21.13	21.15	21.24	
10	64QAM	25	25	21.15	21.14	21.25	
10	64QAM	50	0	21.15	21.19	21.26	
10	256QAM	1	0	19.29	19.30	19.28	19.9
10	256QAM	1	25	19.22	19.13	19.16	
10	256QAM	1	49	19.12	19.07	19.07	
10	256QAM	25	0	19.21	19.10	19.08	19.9
10	256QAM	25	12	19.18	19.14	19.03	
10	256QAM	25	25	19.19	19.01	18.99	
10	256QAM	50	0	19.20	19.10	19.08	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.41	23.39	23.51	24.9
5	QPSK	1	12	23.50	23.45	23.54	
5	QPSK	1	24	23.39	23.40	23.52	
5	QPSK	12	0	23.13	23.13	23.24	23.9
5	QPSK	12	7	23.13	23.15	23.24	
5	QPSK	12	13	23.13	23.13	23.26	
5	QPSK	25	0	23.14	23.13	23.27	
5	16QAM	1	0	23.34	23.40	23.49	23.9
5	16QAM	1	12	23.39	23.50	23.51	
5	16QAM	1	24	23.34	23.40	23.45	
5	16QAM	12	0	22.14	22.17	22.28	22.9
5	16QAM	12	7	22.17	22.19	22.32	
5	16QAM	12	13	22.15	22.15	22.31	
5	16QAM	25	0	22.14	22.14	22.25	
5	64QAM	1	0	22.25	22.28	22.42	22.9
5	64QAM	1	12	22.32	22.39	22.48	
5	64QAM	1	24	22.27	22.29	22.39	
5	64QAM	12	0	21.15	21.19	21.28	21.9
5	64QAM	12	7	21.20	21.20	21.30	
5	64QAM	12	13	21.17	21.17	21.31	
5	64QAM	25	0	21.15	21.16	21.26	
5	256QAM	1	0	19.31	19.28	19.28	19.9
5	256QAM	1	12	19.15	19.22	19.20	
5	256QAM	1	24	19.09	19.16	19.11	
5	256QAM	12	0	19.19	19.08	19.07	19.9
5	256QAM	12	7	19.18	19.05	19.03	
5	256QAM	12	13	19.11	19.06	19.02	
5	256QAM	25	0	19.15	19.10	19.03	

Band 25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.02	22.20	22.08	23.4
20	QPSK	1	49	21.91	22.04	22.01	
20	QPSK	1	99	22.01	22.07	21.95	
20	QPSK	50	0	22.14	22.20	22.09	23.4
20	QPSK	50	24	22.15	22.21	22.12	
20	QPSK	50	50	22.11	22.20	22.12	
20	QPSK	100	0	22.14	22.20	22.10	
20	16QAM	1	0	22.32	22.23	22.25	23.4
20	16QAM	1	49	22.23	22.28	22.17	
20	16QAM	1	99	22.30	22.25	22.09	
20	16QAM	50	0	21.40	21.46	21.30	22.9
20	16QAM	50	24	21.41	21.47	21.33	
20	16QAM	50	50	21.39	21.47	21.35	
20	16QAM	100	0	21.41	21.48	21.29	
20	64QAM	1	0	21.54	21.72	21.42	22.9
20	64QAM	1	49	21.50	21.67	21.51	
20	64QAM	1	99	21.57	21.55	21.33	
20	64QAM	50	0	20.48	20.52	20.32	21.9
20	64QAM	50	24	20.49	20.50	20.33	
20	64QAM	50	50	20.46	20.50	20.39	
20	64QAM	100	0	20.47	20.54	20.38	
20	256QAM	1	0	18.47	18.60	18.67	19.9
20	256QAM	1	49	18.55	18.45	18.57	
20	256QAM	1	99	18.60	18.57	18.79	
20	256QAM	50	0	18.54	18.64	18.55	19.9
20	256QAM	50	24	18.61	18.48	18.57	
20	256QAM	50	50	18.54	18.50	18.62	
20	256QAM	100	0	18.59	18.51	18.49	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.01	22.12	22.01	23.4
15	QPSK	1	37	21.86	22.03	21.94	
15	QPSK	1	74	21.97	22.01	21.92	
15	QPSK	36	0	22.07	22.13	22.01	23.4
15	QPSK	36	20	22.15	22.19	22.02	
15	QPSK	36	39	22.01	22.13	22.06	
15	QPSK	75	0	22.14	22.17	22.10	
15	16QAM	1	0	22.31	22.24	22.24	23.4
15	16QAM	1	37	22.19	22.24	22.12	
15	16QAM	1	74	22.24	22.25	22.09	
15	16QAM	36	0	21.31	21.45	21.20	22.9
15	16QAM	36	20	21.31	21.41	21.27	
15	16QAM	36	39	21.29	21.41	21.27	
15	16QAM	75	0	21.40	21.42	21.24	
15	64QAM	1	0	21.52	21.69	21.35	22.9
15	64QAM	1	37	21.42	21.67	21.42	
15	64QAM	1	74	21.47	21.45	21.27	
15	64QAM	36	0	20.47	20.46	20.28	21.9
15	64QAM	36	20	20.46	20.41	20.31	
15	64QAM	36	39	20.45	20.49	20.39	
15	64QAM	75	0	20.45	20.54	20.33	
15	256QAM	1	0	18.46	18.54	18.60	19.9
15	256QAM	1	37	18.50	18.36	18.56	
15	256QAM	1	74	18.58	18.51	18.73	
15	256QAM	36	0	18.50	18.59	18.52	19.9
15	256QAM	36	20	18.56	18.43	18.48	
15	256QAM	36	39	18.48	18.41	18.58	
15	256QAM	75	0	18.55	18.49	18.46	
Channel				26090	26340	26840	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	21.92	22.18	22.04	23.4
10	QPSK	1	25	21.81	22.04	21.92	
10	QPSK	1	49	21.94	21.99	21.92	
10	QPSK	25	0	22.11	22.14	22.06	23.4
10	QPSK	25	12	22.12	22.20	22.09	
10	QPSK	25	25	22.01	22.15	22.08	
10	QPSK	50	0	22.10	22.18	22.03	
10	16QAM	1	0	22.22	22.19	22.20	23.4
10	16QAM	1	25	22.16	22.27	22.17	
10	16QAM	1	49	22.24	22.17	22.08	
10	16QAM	25	0	21.30	21.38	21.22	22.9
10	16QAM	25	12	21.40	21.42	21.25	
10	16QAM	25	25	21.36	21.39	21.32	
10	16QAM	50	0	21.31	21.44	21.21	
10	64QAM	1	0	21.45	21.68	21.38	22.9
10	64QAM	1	25	21.40	21.65	21.44	
10	64QAM	1	49	21.53	21.54	21.26	
10	64QAM	25	0	20.43	20.47	20.28	21.9
10	64QAM	25	12	20.42	20.41	20.23	
10	64QAM	25	25	20.36	20.46	20.31	
10	64QAM	50	0	20.44	20.54	20.35	
10	256QAM	1	0	18.47	18.53	18.58	19.9
10	256QAM	1	25	18.45	18.44	18.52	
10	256QAM	1	49	18.55	18.53	18.79	
10	256QAM	25	0	18.53	18.55	18.54	19.9
10	256QAM	25	12	18.54	18.41	18.53	
10	256QAM	25	25	18.53	18.48	18.58	
10	256QAM	50	0	18.59	18.47	18.45	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.00	22.19	21.98	23.4
5	QPSK	1	12	21.90	21.99	21.92	
5	QPSK	1	24	21.91	21.99	21.94	
5	QPSK	12	0	22.12	22.18	22.03	23.4
5	QPSK	12	7	22.13	22.20	22.03	
5	QPSK	12	13	22.08	22.17	22.06	
5	QPSK	25	0	22.13	22.19	22.06	
5	16QAM	1	0	22.27	22.23	22.17	23.4
5	16QAM	1	12	22.22	22.21	22.10	
5	16QAM	1	24	22.26	22.24	22.04	
5	16QAM	12	0	21.30	21.38	21.24	22.9
5	16QAM	12	7	21.37	21.43	21.31	
5	16QAM	12	13	21.30	21.43	21.33	
5	16QAM	25	0	21.39	21.39	21.20	
5	64QAM	1	0	21.49	21.64	21.41	22.9
5	64QAM	1	12	21.48	21.66	21.47	
5	64QAM	1	24	21.51	21.51	21.24	
5	64QAM	12	0	20.43	20.48	20.28	21.9
5	64QAM	12	7	20.48	20.47	20.29	
5	64QAM	12	13	20.41	20.45	20.33	
5	64QAM	25	0	20.38	20.53	20.32	
5	256QAM	1	0	18.38	18.55	18.59	19.9
5	256QAM	1	12	18.50	18.35	18.57	
5	256QAM	1	24	18.53	18.49	18.70	
5	256QAM	12	0	18.52	18.61	18.48	19.9
5	256QAM	12	7	18.58	18.45	18.57	
5	256QAM	12	13	18.50	18.42	18.58	
5	256QAM	25	0	18.57	18.46	18.39	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	21.97	22.12	22.02	23.4
3	QPSK	1	8	21.84	22.00	22.00	
3	QPSK	1	14	21.92	22.00	21.87	
3	QPSK	8	0	22.08	22.15	22.01	23.4
3	QPSK	8	4	22.05	22.12	22.08	
3	QPSK	8	7	22.04	22.16	22.09	
3	QPSK	15	0	22.10	22.12	22.08	
3	16QAM	1	0	22.30	22.16	22.17	23.4
3	16QAM	1	8	22.20	22.26	22.17	
3	16QAM	1	14	22.27	22.21	22.00	
3	16QAM	8	0	21.35	21.44	21.23	22.9
3	16QAM	8	4	21.40	21.37	21.29	
3	16QAM	8	7	21.32	21.42	21.34	
3	16QAM	15	0	21.31	21.45	21.19	
3	64QAM	1	0	21.51	21.64	21.41	22.9
3	64QAM	1	8	21.43	21.66	21.46	
3	64QAM	1	14	21.48	21.55	21.27	
3	64QAM	8	0	20.44	20.52	20.28	21.9
3	64QAM	8	4	20.42	20.46	20.29	
3	64QAM	8	7	20.39	20.42	20.35	
3	64QAM	15	0	20.43	20.46	20.35	
3	256QAM	1	0	18.47	18.52	18.67	19.9
3	256QAM	1	8	18.49	18.38	18.49	
3	256QAM	1	14	18.50	18.55	18.72	
3	256QAM	8	0	18.47	18.54	18.48	19.9
3	256QAM	8	4	18.58	18.48	18.48	
3	256QAM	8	7	18.46	18.42	18.55	
3	256QAM	15	0	18.59	18.46	18.39	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.00	22.10	22.06	23.4
1.4	QPSK	1	3	21.95	22.02	21.93	
1.4	QPSK	1	5	22.00	22.11	21.98	
1.4	QPSK	3	0	22.02	22.14	21.96	
1.4	QPSK	3	1	22.01	22.20	22.01	
1.4	QPSK	3	3	21.91	22.10	21.93	
1.4	QPSK	6	0	21.94	22.16	21.94	23.4
1.4	16QAM	1	0	22.21	22.15	22.16	23.4
1.4	16QAM	1	3	22.11	22.30	22.04	
1.4	16QAM	1	5	22.18	22.31	22.09	
1.4	16QAM	3	0	21.98	22.13	21.96	
1.4	16QAM	3	1	21.98	22.23	22.00	
1.4	16QAM	3	3	21.96	22.20	21.97	
1.4	16QAM	6	0	21.29	21.48	21.26	22.9
1.4	64QAM	1	0	21.44	21.73	21.39	22.9
1.4	64QAM	1	3	21.36	21.61	21.29	
1.4	64QAM	1	5	21.48	21.63	21.30	
1.4	64QAM	3	0	21.39	21.56	21.25	
1.4	64QAM	3	1	21.40	21.61	21.28	
1.4	64QAM	3	3	21.39	21.55	21.29	
1.4	64QAM	6	0	20.28	20.43	20.15	21.9
1.4	256QAM	1	0	18.44	18.53	18.61	19.9
1.4	256QAM	1	3	18.48	18.43	18.57	
1.4	256QAM	1	5	18.47	18.41	18.73	
1.4	256QAM	3	0	18.42	18.53	18.45	19.9
1.4	256QAM	3	1	18.55	18.41	18.54	
1.4	256QAM	3	3	18.52	18.41	18.56	
1.4	256QAM	6	0	18.48	18.49	18.47	19.9

Band 30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		22.15		23.7
10	QPSK	1	25		22.14		
10	QPSK	1	49		22.15		
10	QPSK	25	0		20.67		21.9
10	QPSK	25	12		20.65		
10	QPSK	25	25		20.68		
10	QPSK	50	0		20.66		
10	16QAM	1	0		22.57		23.7
10	16QAM	1	25		22.48		
10	16QAM	1	49		22.45		
10	16QAM	25	0		20.72		21.7
10	16QAM	25	12		20.71		
10	16QAM	25	25		20.72		
10	16QAM	50	0		20.72		
10	64QAM	1	0		21.91		23.7
10	64QAM	1	25		21.96		
10	64QAM	1	49		21.90		
10	64QAM	25	0		20.71		21.7
10	64QAM	25	12		20.72		
10	64QAM	25	25		20.72		
10	64QAM	50	0		20.73		
10	256QAM	1	0		19.19		19.7
10	256QAM	1	25		18.94		
10	256QAM	1	49		18.98		
10	256QAM	25	0		18.96		19.7
10	256QAM	25	12		18.94		
10	256QAM	25	25		18.83		
10	256QAM	50	0		18.88		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.15	22.15	22.12	23.7
5	QPSK	1	12	22.16	22.19	22.19	
5	QPSK	1	24	22.15	22.14	22.09	
5	QPSK	12	0	20.68	20.69	20.68	21.9
5	QPSK	12	7	20.70	20.71	20.67	
5	QPSK	12	13	20.70	20.71	20.67	
5	QPSK	25	0	20.67	20.65	20.62	
5	16QAM	1	0	22.45	22.55	22.50	23.7
5	16QAM	1	12	22.49	22.58	22.51	
5	16QAM	1	24	22.50	22.48	22.40	
5	16QAM	12	0	20.73	20.77	20.76	21.7
5	16QAM	12	7	20.77	20.77	20.76	
5	16QAM	12	13	20.77	20.79	20.76	
5	16QAM	25	0	20.72	20.69	20.69	
5	64QAM	1	0	21.84	21.86	21.90	23.7
5	64QAM	1	12	21.95	21.93	21.86	
5	64QAM	1	24	21.96	21.84	21.81	
5	64QAM	12	0	20.72	20.77	20.76	21.7
5	64QAM	12	7	20.75	20.79	20.75	
5	64QAM	12	13	20.78	20.80	20.73	
5	64QAM	25	0	20.72	20.70	20.68	
5	256QAM	1	0	19.12	19.11	19.13	19.7
5	256QAM	1	12	18.98	18.97	18.99	
5	256QAM	1	24	18.95	18.98	18.94	
5	256QAM	12	0	19.02	19.02	19.05	19.7
5	256QAM	12	7	18.92	18.88	18.93	
5	256QAM	12	13	18.81	18.89	18.85	
5	256QAM	25	0	18.94	18.90	18.92	

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.62	23.64	23.63	23.9
20	QPSK	1	49	23.61	23.59	23.51	
20	QPSK	1	99	23.61	23.58	23.49	
20	QPSK	50	0	22.72	22.73	22.66	23.9
20	QPSK	50	24	22.71	22.68	22.65	
20	QPSK	50	50	22.70	22.69	22.58	
20	QPSK	100	0	22.69	22.70	22.60	
20	16QAM	1	0	22.90	22.88	22.86	23.9
20	16QAM	1	49	22.89	22.81	22.81	
20	16QAM	1	99	22.93	22.79	22.80	
20	16QAM	50	0	21.71	21.59	21.63	22.9
20	16QAM	50	24	21.74	21.60	21.63	
20	16QAM	50	50	21.75	21.60	21.61	
20	16QAM	100	0	21.72	21.59	21.64	
20	64QAM	1	0	21.73	21.75	21.76	21.9
20	64QAM	1	49	21.74	21.66	21.67	
20	64QAM	1	99	21.82	21.65	21.69	
20	64QAM	50	0	20.75	20.66	20.70	21.9
20	64QAM	50	24	20.78	20.66	20.69	
20	64QAM	50	50	20.76	20.60	20.68	
20	64QAM	100	0	20.74	20.63	20.68	
20	256QAM	1	0	18.58	18.74	18.73	19.9
20	256QAM	1	49	18.64	18.51	18.74	
20	256QAM	1	99	18.72	18.65	18.81	
20	256QAM	50	0	18.64	18.72	18.56	19.9
20	256QAM	50	24	18.73	18.68	18.65	
20	256QAM	50	50	18.65	18.64	18.70	
20	256QAM	100	0	18.76	18.61	18.60	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.60	23.57	23.58	23.9
15	QPSK	1	37	23.60	23.53	23.55	
15	QPSK	1	74	23.59	23.53	23.56	
15	QPSK	36	0	22.74	22.63	22.64	23.9
15	QPSK	36	20	22.74	22.63	22.63	
15	QPSK	36	39	22.74	22.61	22.64	
15	QPSK	75	0	22.75	22.62	22.64	
15	16QAM	1	0	22.95	22.89	22.92	23.9
15	16QAM	1	37	23.01	22.95	22.90	
15	16QAM	1	74	22.97	22.84	22.86	
15	16QAM	36	0	21.72	21.64	21.61	22.9
15	16QAM	36	20	21.72	21.66	21.65	
15	16QAM	36	39	21.76	21.65	21.67	
15	16QAM	75	0	21.77	21.65	21.68	
15	64QAM	1	0	21.86	21.79	21.80	21.9
15	64QAM	1	37	21.73	21.78	21.61	
15	64QAM	1	74	21.81	21.68	21.73	
15	64QAM	36	0	20.76	20.70	20.68	21.9
15	64QAM	36	20	20.78	20.68	20.69	
15	64QAM	36	39	20.81	20.70	20.72	
15	64QAM	75	0	20.79	20.70	20.72	
15	256QAM	1	0	18.58	18.74	18.65	19.9
15	256QAM	1	37	18.57	18.43	18.74	
15	256QAM	1	74	18.66	18.57	18.73	
15	256QAM	36	0	18.62	18.71	18.52	19.9
15	256QAM	36	20	18.73	18.61	18.62	
15	256QAM	36	39	18.57	18.60	18.61	
15	256QAM	75	0	18.71	18.60	18.60	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.60	23.52	23.53	23.9
10	QPSK	1	25	23.49	23.45	23.46	
10	QPSK	1	49	23.56	23.45	23.44	
10	QPSK	25	0	22.57	22.53	22.51	23.9
10	QPSK	25	12	22.58	22.51	22.50	
10	QPSK	25	25	22.57	22.51	22.51	
10	QPSK	50	0	22.60	22.54	22.54	
10	16QAM	1	0	22.87	22.81	22.78	23.9
10	16QAM	1	25	22.80	22.80	22.72	
10	16QAM	1	49	22.85	22.78	22.77	
10	16QAM	25	0	21.61	21.57	21.53	22.9
10	16QAM	25	12	21.61	21.55	21.54	
10	16QAM	25	25	21.62	21.56	21.57	
10	16QAM	50	0	21.62	21.58	21.57	
10	64QAM	1	0	21.68	21.71	21.60	21.9
10	64QAM	1	25	21.70	21.64	21.72	
10	64QAM	1	49	21.70	21.66	21.74	
10	64QAM	25	0	20.62	20.57	20.56	21.9
10	64QAM	25	12	20.61	20.57	20.57	
10	64QAM	25	25	20.64	20.59	20.59	
10	64QAM	50	0	20.65	20.61	20.61	
10	256QAM	1	0	18.52	18.74	18.69	19.9
10	256QAM	1	25	18.64	18.43	18.73	
10	256QAM	1	49	18.64	18.58	18.74	
10	256QAM	25	0	18.57	18.62	18.52	19.9
10	256QAM	25	12	18.71	18.65	18.61	
10	256QAM	25	25	18.60	18.60	18.67	
10	256QAM	50	0	18.68	18.61	18.50	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.59	23.61	23.61	23.9
5	QPSK	1	12	23.62	23.57	23.61	
5	QPSK	1	24	23.55	23.55	23.55	
5	QPSK	12	0	22.58	22.59	22.57	23.9
5	QPSK	12	7	22.58	22.60	22.60	
5	QPSK	12	13	22.57	22.58	22.58	
5	QPSK	25	0	22.58	22.58	22.58	
5	16QAM	1	0	22.84	22.87	22.87	23.9
5	16QAM	1	12	22.84	22.91	22.90	
5	16QAM	1	24	22.76	22.84	22.82	
5	16QAM	12	0	21.61	21.65	21.63	22.9
5	16QAM	12	7	21.63	21.67	21.66	
5	16QAM	12	13	21.62	21.69	21.65	
5	16QAM	25	0	21.62	21.64	21.63	
5	64QAM	1	0	21.66	21.78	21.77	21.9
5	64QAM	1	12	21.66	21.71	21.78	
5	64QAM	1	24	21.73	21.75	21.80	
5	64QAM	12	0	20.63	20.67	20.68	21.9
5	64QAM	12	7	20.63	20.68	20.70	
5	64QAM	12	13	20.62	20.67	20.71	
5	64QAM	25	0	20.65	20.65	20.67	
5	256QAM	1	0	18.53	18.72	18.73	19.9
5	256QAM	1	12	18.62	18.42	18.71	
5	256QAM	1	24	18.65	18.58	18.78	
5	256QAM	12	0	18.58	18.66	18.52	19.9
5	256QAM	12	7	18.73	18.59	18.55	
5	256QAM	12	13	18.64	18.62	18.68	
5	256QAM	25	0	18.74	18.55	18.50	
Channel				131667	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.58	23.58	23.61	23.9
3	QPSK	1	8	23.53	23.53	23.55	
3	QPSK	1	14	23.58	23.53	23.56	
3	QPSK	8	0	22.63	22.57	22.59	23.9
3	QPSK	8	4	22.66	22.60	22.62	
3	QPSK	8	7	22.67	22.61	22.63	
3	QPSK	15	0	22.66	22.61	22.62	
3	16QAM	1	0	22.88	22.85	22.76	23.9
3	16QAM	1	8	22.80	22.80	22.73	
3	16QAM	1	14	22.86	22.82	22.77	
3	16QAM	8	0	21.70	21.65	21.67	22.9
3	16QAM	8	4	21.70	21.64	21.69	
3	16QAM	8	7	21.78	21.73	21.70	
3	16QAM	15	0	21.71	21.67	21.69	
3	64QAM	1	0	21.78	21.75	21.74	21.9
3	64QAM	1	8	21.78	21.76	21.74	
3	64QAM	1	14	21.83	21.78	21.78	
3	64QAM	8	0	20.74	20.69	20.69	21.9
3	64QAM	8	4	20.73	20.70	20.73	
3	64QAM	8	7	20.78	20.73	20.75	
3	64QAM	15	0	20.72	20.67	20.67	
3	256QAM	1	0	18.50	18.74	18.72	19.9
3	256QAM	1	8	18.55	18.48	18.67	
3	256QAM	1	14	18.69	18.65	18.74	
3	256QAM	8	0	18.58	18.68	18.53	19.9
3	256QAM	8	4	18.65	18.61	18.62	
3	256QAM	8	7	18.58	18.62	18.63	
3	256QAM	15	0	18.68	18.57	18.57	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.52	23.52	23.56	23.9
1.4	QPSK	1	3	23.46	23.43	23.48	
1.4	QPSK	1	5	23.54	23.50	23.53	
1.4	QPSK	3	0	23.56	23.51	23.58	
1.4	QPSK	3	1	23.58	23.55	23.57	
1.4	QPSK	3	3	23.54	23.50	23.55	
1.4	QPSK	6	0	22.56	22.50	22.54	23.9
1.4	16QAM	1	0	22.77	22.80	22.73	23.9
1.4	16QAM	1	3	22.69	22.70	22.66	
1.4	16QAM	1	5	22.83	22.77	22.76	
1.4	16QAM	3	0	22.70	22.62	22.68	
1.4	16QAM	3	1	22.75	22.67	22.67	
1.4	16QAM	3	3	22.70	22.61	22.67	
1.4	16QAM	6	0	21.63	21.57	21.59	22.9
1.4	64QAM	1	0	21.74	21.67	21.73	21.9
1.4	64QAM	1	3	21.66	21.63	21.64	
1.4	64QAM	1	5	21.76	21.72	21.71	
1.4	64QAM	3	0	21.75	21.68	21.72	
1.4	64QAM	3	1	21.79	21.74	21.81	
1.4	64QAM	3	3	21.73	21.70	21.73	
1.4	64QAM	6	0	20.63	20.59	20.58	21.9
1.4	256QAM	1	0	18.57	18.70	18.71	19.9
1.4	256QAM	1	3	18.61	18.50	18.65	
1.4	256QAM	1	5	18.62	18.62	18.75	
1.4	256QAM	3	0	18.57	18.65	18.46	
1.4	256QAM	3	1	18.63	18.61	18.65	
1.4	256QAM	3	3	18.65	18.57	18.67	
1.4	256QAM	6	0	18.75	18.58	18.57	19.9

Band 38 PC3_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.52	24.53	24.43	25.4
20	QPSK	1	49	24.49	24.48	24.38	
20	QPSK	1	99	24.51	24.45	24.37	
20	QPSK	50	0	23.55	23.57	23.47	24.4
20	QPSK	50	24	23.54	23.55	23.46	
20	QPSK	50	50	23.53	23.55	23.40	
20	QPSK	100	0	23.53	23.54	23.41	
20	16QAM	1	0	23.58	23.60	23.50	24.4
20	16QAM	1	49	23.51	23.50	23.40	
20	16QAM	1	99	23.55	23.55	23.46	
20	16QAM	50	0	22.57	22.60	22.46	23.4
20	16QAM	50	24	22.57	22.61	22.50	
20	16QAM	50	50	22.57	22.58	22.48	
20	16QAM	100	0	22.60	22.59	22.45	
20	64QAM	1	0	22.52	22.51	22.25	23.4
20	64QAM	1	49	22.48	22.44	22.15	
20	64QAM	1	99	22.53	22.48	22.14	
20	64QAM	50	0	21.60	21.58	21.48	22.4
20	64QAM	50	24	21.59	21.61	21.49	
20	64QAM	50	50	21.58	21.58	21.48	
20	64QAM	100	0	21.59	21.58	21.46	
20	256QAM	1	0	19.31	19.43	19.46	20.4
20	256QAM	1	49	19.20	19.27	19.16	
20	256QAM	1	99	19.18	19.24	19.08	
20	256QAM	50	0	19.59	19.67	19.56	20.4
20	256QAM	50	24	19.59	19.64	19.51	
20	256QAM	50	50	19.54	19.59	19.47	
20	256QAM	100	0	19.50	19.56	19.46	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.52	24.51	24.52	25.4
15	QPSK	1	37	24.47	24.48	24.45	
15	QPSK	1	74	24.50	24.49	24.42	
15	QPSK	36	0	23.61	23.58	23.51	24.4
15	QPSK	36	20	23.59	23.55	23.49	
15	QPSK	36	39	23.60	23.55	23.50	
15	QPSK	75	0	23.59	23.57	23.49	
15	16QAM	1	0	23.69	23.61	23.65	24.4
15	16QAM	1	37	23.57	23.55	23.64	
15	16QAM	1	74	23.68	23.57	23.60	
15	16QAM	36	0	22.62	22.54	22.48	23.4
15	16QAM	36	20	22.58	22.52	22.48	
15	16QAM	36	39	22.60	22.54	22.47	
15	16QAM	75	0	22.64	22.60	22.53	
15	64QAM	1	0	22.47	22.34	22.29	23.4
15	64QAM	1	37	22.32	22.28	22.28	
15	64QAM	1	74	22.48	22.31	22.28	
15	64QAM	36	0	21.67	21.61	21.54	22.4
15	64QAM	36	20	21.64	21.57	21.50	
15	64QAM	36	39	21.66	21.59	21.50	
15	64QAM	75	0	21.63	21.58	21.52	
15	256QAM	1	0	19.24	19.40	19.46	20.4
15	256QAM	1	37	19.12	19.23	19.13	
15	256QAM	1	74	19.17	19.14	19.01	
15	256QAM	36	0	19.57	19.62	19.50	20.4
15	256QAM	36	20	19.51	19.62	19.47	
15	256QAM	36	39	19.48	19.53	19.39	
15	256QAM	75	0	19.45	19.53	19.40	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.52	24.50	24.51	25.4
10	QPSK	1	25	24.51	24.46	24.36	
10	QPSK	1	49	24.51	24.49	24.47	
10	QPSK	25	0	23.60	23.58	23.50	24.4
10	QPSK	25	12	23.57	23.58	23.50	
10	QPSK	25	25	23.59	23.59	23.50	
10	QPSK	50	0	23.59	23.64	23.54	
10	16QAM	1	0	23.67	23.61	23.55	24.4
10	16QAM	1	25	23.58	23.54	23.46	
10	16QAM	1	49	23.64	23.61	23.53	
10	16QAM	25	0	22.64	22.63	22.52	23.4
10	16QAM	25	12	22.62	22.67	22.52	
10	16QAM	25	25	22.63	22.64	22.51	
10	16QAM	50	0	22.64	22.65	22.56	
10	64QAM	1	0	22.40	22.49	22.30	23.4
10	64QAM	1	25	22.32	22.42	22.23	
10	64QAM	1	49	22.36	22.35	22.22	
10	64QAM	25	0	21.60	21.60	21.51	22.4
10	64QAM	25	12	21.60	21.60	21.51	
10	64QAM	25	25	21.62	21.60	21.50	
10	64QAM	50	0	21.65	21.63	21.54	
10	256QAM	1	0	19.30	19.38	19.36	20.4
10	256QAM	1	25	19.17	19.19	19.11	
10	256QAM	1	49	19.10	19.20	19.03	
10	256QAM	25	0	19.50	19.63	19.54	20.4
10	256QAM	25	12	19.53	19.56	19.49	
10	256QAM	25	25	19.48	19.57	19.42	
10	256QAM	50	0	19.49	19.48	19.44	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.52	24.50	24.49	25.4
5	QPSK	1	12	24.50	24.49	24.49	
5	QPSK	1	24	24.51	24.48	24.47	
5	QPSK	12	0	23.63	23.59	23.54	24.4
5	QPSK	12	7	23.63	23.61	23.57	
5	QPSK	12	13	23.64	23.59	23.53	
5	QPSK	25	0	23.65	23.58	23.55	
5	16QAM	1	0	23.79	23.72	23.68	24.4
5	16QAM	1	12	23.59	23.67	23.66	
5	16QAM	1	24	23.78	23.68	23.65	
5	16QAM	12	0	22.61	22.57	22.49	23.4
5	16QAM	12	7	22.59	22.58	22.52	
5	16QAM	12	13	22.63	22.55	22.47	
5	16QAM	25	0	22.66	22.62	22.55	
5	64QAM	1	0	22.41	22.32	22.40	23.4
5	64QAM	1	12	22.28	22.29	22.40	
5	64QAM	1	24	22.39	22.32	22.42	
5	64QAM	12	0	21.61	21.58	21.63	22.4
5	64QAM	12	7	21.60	21.61	21.57	
5	64QAM	12	13	21.61	21.60	21.52	
5	64QAM	25	0	21.67	21.64	21.58	
5	256QAM	1	0	19.30	19.35	19.45	20.4
5	256QAM	1	12	19.11	19.18	19.13	
5	256QAM	1	24	19.09	19.24	19.03	
5	256QAM	12	0	19.58	19.67	19.52	20.4
5	256QAM	12	7	19.57	19.56	19.45	
5	256QAM	12	13	19.44	19.59	19.40	
5	256QAM	25	0	19.47	19.50	19.44	

Band 38 PC2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.21	26.22	26.12	27.2
20	QPSK	1	49	26.20	26.18	26.11	
20	QPSK	1	99	26.12	26.06	25.97	
20	QPSK	50	0	25.24	25.25	25.08	27.2
20	QPSK	50	24	25.23	25.18	25.07	
20	QPSK	50	50	25.22	25.14	25.05	
20	QPSK	100	0	25.24	25.18	25.09	
20	16QAM	1	0	25.64	25.59	25.43	27.2
20	16QAM	1	49	25.53	25.46	25.36	
20	16QAM	1	99	25.57	25.49	25.37	
20	16QAM	50	0	24.28	24.17	24.04	27.2
20	16QAM	50	24	24.27	24.19	24.06	
20	16QAM	50	50	24.23	24.13	24.05	
20	16QAM	100	0	24.31	24.23	24.11	
20	64QAM	1	0	24.85	24.54	24.33	27.2
20	64QAM	1	49	24.54	24.44	24.38	
20	64QAM	1	99	24.49	24.40	24.28	
20	64QAM	50	0	23.27	23.20	23.08	27.2
20	64QAM	50	24	23.30	23.19	23.07	
20	64QAM	50	50	23.26	23.17	23.07	
20	64QAM	100	0	23.30	23.22	23.12	
20	256QAM	1	0	21.35	21.31	21.43	27.2
20	256QAM	1	49	21.25	21.22	21.27	
20	256QAM	1	99	21.22	21.15	21.21	
20	256QAM	50	0	21.40	21.30	21.28	27.2
20	256QAM	50	24	21.36	21.27	21.23	
20	256QAM	50	50	21.34	21.24	21.18	
20	256QAM	100	0	21.33	21.23	21.16	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.12	26.18	26.05	27.2
15	QPSK	1	37	26.10	26.11	26.04	
15	QPSK	1	74	26.11	26.06	25.99	
15	QPSK	36	0	25.29	25.24	25.15	27.2
15	QPSK	36	20	25.27	25.19	25.15	
15	QPSK	36	39	25.29	25.20	25.15	
15	QPSK	75	0	25.30	25.19	25.14	
15	16QAM	1	0	25.62	25.38	25.34	27.2
15	16QAM	1	37	25.50	25.42	25.38	
15	16QAM	1	74	25.58	25.33	25.28	
15	16QAM	36	0	24.30	24.18	24.12	27.2
15	16QAM	36	20	24.29	24.20	24.13	
15	16QAM	36	39	24.31	24.20	24.12	
15	16QAM	75	0	24.35	24.23	24.19	
15	64QAM	1	0	24.35	24.49	24.13	27.2
15	64QAM	1	37	24.33	24.26	24.22	
15	64QAM	1	74	24.35	24.17	24.11	
15	64QAM	36	0	23.38	23.24	23.16	27.2
15	64QAM	36	20	23.34	23.21	23.16	
15	64QAM	36	39	23.34	23.22	23.14	
15	64QAM	75	0	23.36	23.22	23.18	
15	256QAM	1	0	21.32	21.30	21.42	27.2
15	256QAM	1	37	21.19	21.21	21.17	
15	256QAM	1	74	21.21	21.13	21.20	
15	256QAM	36	0	21.34	21.26	21.24	27.2
15	256QAM	36	20	21.32	21.26	21.17	
15	256QAM	36	39	21.24	21.14	21.11	
15	256QAM	75	0	21.24	21.17	21.15	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	26.18	26.18	26.12	27.2
10	QPSK	1	25	26.18	26.17	26.11	
10	QPSK	1	49	26.17	26.09	26.02	
10	QPSK	25	0	25.33	25.25	25.17	27.2
10	QPSK	25	12	25.33	25.25	25.18	
10	QPSK	25	25	25.35	25.27	25.17	
10	QPSK	50	0	25.38	25.29	25.19	
10	16QAM	1	0	25.36	25.24	25.24	27.2
10	16QAM	1	25	25.28	25.16	25.04	
10	16QAM	1	49	25.32	25.22	25.31	
10	16QAM	25	0	24.42	24.30	24.27	27.2
10	16QAM	25	12	24.44	24.31	24.28	
10	16QAM	25	25	24.47	24.36	24.28	
10	16QAM	50	0	24.42	24.32	24.16	
10	64QAM	1	0	24.53	24.53	24.40	27.2
10	64QAM	1	25	24.60	24.48	24.35	
10	64QAM	1	49	24.61	24.48	24.31	
10	64QAM	25	0	23.44	23.28	23.17	27.2
10	64QAM	25	12	23.38	23.26	23.19	
10	64QAM	25	25	23.39	23.27	23.18	
10	64QAM	50	0	23.39	23.26	23.17	
10	256QAM	1	0	21.30	21.28	21.40	27.2
10	256QAM	1	25	21.17	21.22	21.26	
10	256QAM	1	49	21.17	21.06	21.15	
10	256QAM	25	0	21.36	21.26	21.26	27.2
10	256QAM	25	12	21.27	21.25	21.18	
10	256QAM	25	25	21.32	21.14	21.09	
10	256QAM	50	0	21.33	21.21	21.10	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.19	26.17	26.15	27.2
5	QPSK	1	12	26.17	26.18	26.17	
5	QPSK	1	24	26.20	26.16	26.12	
5	QPSK	12	0	25.32	25.22	25.18	27.2
5	QPSK	12	7	25.36	25.24	25.17	
5	QPSK	12	13	25.33	25.25	25.17	
5	QPSK	25	0	25.32	25.26	25.20	
5	16QAM	1	0	25.62	25.40	25.23	27.2
5	16QAM	1	12	25.41	25.36	25.24	
5	16QAM	1	24	25.46	25.35	25.26	
5	16QAM	12	0	24.33	24.23	24.17	27.2
5	16QAM	12	7	24.33	24.22	24.13	
5	16QAM	12	13	24.33	24.17	24.12	
5	16QAM	25	0	24.38	24.26	24.25	
5	64QAM	1	0	24.43	24.29	24.25	27.2
5	64QAM	1	12	24.43	24.17	24.04	
5	64QAM	1	24	24.43	24.32	24.24	
5	64QAM	12	0	23.35	23.21	23.13	27.2
5	64QAM	12	7	23.30	23.22	23.14	
5	64QAM	12	13	23.33	23.20	23.16	
5	64QAM	25	0	23.39	23.29	23.26	
5	256QAM	1	0	21.31	21.26	21.36	27.2
5	256QAM	1	12	21.19	21.12	21.27	
5	256QAM	1	24	21.20	21.12	21.17	
5	256QAM	12	0	21.31	21.21	21.21	27.2
5	256QAM	12	7	21.34	21.23	21.13	
5	256QAM	12	13	21.34	21.24	21.13	
5	256QAM	25	0	21.27	21.23	21.07	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.32	24.38	24.39	24.14	24.18	25.4
20	QPSK	1	49	24.30	24.35	24.26	24.03	24.11	
20	QPSK	1	99	24.31	24.34	24.28	24.07	24.12	
20	QPSK	50	0	23.43	23.44	23.46	23.19	23.25	24.4
20	QPSK	50	24	23.41	23.43	23.40	23.17	23.24	
20	QPSK	50	50	23.41	23.43	23.34	23.18	23.23	
20	QPSK	100	0	23.39	23.41	23.43	23.13	23.22	
20	16QAM	1	0	23.40	23.53	23.50	23.22	23.31	24.4
20	16QAM	1	49	23.32	23.46	23.39	23.14	23.21	
20	16QAM	1	99	23.39	23.50	23.45	23.23	23.25	
20	16QAM	50	0	22.43	22.48	22.42	22.20	22.24	23.4
20	16QAM	50	24	22.42	22.47	22.42	22.20	22.28	
20	16QAM	50	50	22.42	22.47	22.39	22.19	22.25	
20	16QAM	100	0	22.42	22.46	22.38	22.18	22.25	
20	64QAM	1	0	22.25	22.22	22.19	21.95	22.13	23.4
20	64QAM	1	49	22.16	22.13	22.14	21.86	21.99	
20	64QAM	1	99	22.26	22.19	22.17	21.92	22.04	
20	64QAM	50	0	21.45	21.51	21.42	21.23	21.27	22.4
20	64QAM	50	24	21.44	21.51	21.45	21.21	21.32	
20	64QAM	50	50	21.44	21.50	21.41	21.20	21.28	
20	64QAM	100	0	21.41	21.46	21.37	21.16	21.24	
20	256QAM	1	0	19.26	19.04	19.21	19.01	19.00	20.4
20	256QAM	1	49	19.12	19.00	19.11	18.88	18.97	
20	256QAM	1	99	19.04	18.98	19.05	18.79	19.01	
20	256QAM	50	0	19.50	19.36	19.45	19.26	19.27	20.4
20	256QAM	50	24	19.49	19.35	19.42	19.20	19.25	
20	256QAM	50	50	19.44	19.32	19.38	19.15	19.25	
20	256QAM	100	0	19.39	19.31	19.33	19.21	19.20	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.37	24.36	24.34	24.17	24.15	25.40
15	QPSK	1	37	24.30	24.38	24.25	24.00	24.13	
15	QPSK	1	74	24.36	24.35	24.33	24.11	24.16	
15	QPSK	36	0	23.41	23.46	23.40	23.18	23.24	24.4
15	QPSK	36	20	23.43	23.47	23.36	23.17	23.24	
15	QPSK	36	39	23.44	23.45	23.38	23.15	23.22	
15	QPSK	75	0	23.41	23.46	23.39	23.14	23.23	
15	16QAM	1	0	23.42	23.59	23.46	23.32	23.29	24.4
15	16QAM	1	37	23.40	23.58	23.37	23.23	23.37	
15	16QAM	1	74	23.46	23.56	23.44	23.29	23.24	
15	16QAM	36	0	22.36	22.41	22.36	22.14	22.19	23.4
15	16QAM	36	20	22.36	22.42	22.32	22.13	22.18	
15	16QAM	36	39	22.34	22.40	22.34	22.10	22.18	
15	16QAM	75	0	22.43	22.47	22.42	22.15	22.23	
15	64QAM	1	0	22.20	22.24	22.03	21.91	22.12	23.4
15	64QAM	1	37	22.16	22.20	21.93	21.75	22.11	
15	64QAM	1	74	22.22	22.20	21.98	21.88	22.01	
15	64QAM	36	0	21.44	21.48	21.42	21.19	21.25	22.4
15	64QAM	36	20	21.45	21.49	21.38	21.19	21.24	
15	64QAM	36	39	21.43	21.49	21.40	21.17	21.24	
15	64QAM	75	0	21.43	21.48	21.41	21.17	21.25	
15	256QAM	1	0	19.26	19.02	19.15	18.91	18.91	20.4
15	256QAM	1	37	19.02	18.94	19.09	18.81	18.91	
15	256QAM	1	74	18.94	18.96	19.01	18.72	18.93	
15	256QAM	36	0	19.44	19.32	19.43	19.24	19.23	20.4
15	256QAM	36	20	19.41	19.35	19.36	19.19	19.20	
15	256QAM	36	39	19.40	19.22	19.33	19.10	19.20	
15	256QAM	75	0	19.37	19.28	19.30	19.19	19.20	
Channel				39750	40185	40620	41060	41546	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.38	24.37	24.33	24.17	24.15	25.40
10	QPSK	1	25	24.32	24.36	24.23	23.96	24.05	
10	QPSK	1	49	24.35	24.36	24.35	24.12	24.12	
10	QPSK	25	0	23.45	23.48	23.41	23.15	23.23	24.4
10	QPSK	25	12	23.44	23.46	23.41	23.13	23.23	
10	QPSK	25	25	23.46	23.47	23.39	23.16	23.22	
10	QPSK	50	0	23.49	23.49	23.41	23.20	23.29	
10	16QAM	1	0	23.51	23.48	23.45	23.19	23.32	24.4
10	16QAM	1	25	23.45	23.47	23.40	23.15	23.23	
10	16QAM	1	49	23.49	23.45	23.43	23.16	23.25	
10	16QAM	25	0	22.49	22.51	22.44	22.20	22.27	23.4
10	16QAM	25	12	22.46	22.52	22.43	22.18	22.26	
10	16QAM	25	25	22.49	22.51	22.44	22.19	22.27	
10	16QAM	50	0	22.51	22.53	22.49	22.22	22.29	
10	64QAM	1	0	22.15	22.25	22.18	21.99	22.05	23.4
10	64QAM	1	25	22.09	22.20	22.21	21.90	22.03	
10	64QAM	1	49	22.14	22.24	22.19	21.94	22.04	
10	64QAM	25	0	21.45	21.47	21.44	21.20	21.24	22.4
10	64QAM	25	12	21.45	21.44	21.46	21.16	21.23	
10	64QAM	25	25	21.48	21.45	21.44	21.19	21.22	
10	64QAM	50	0	21.55	21.55	21.50	21.24	21.30	
10	256QAM	1	0	19.26	18.94	19.11	18.92	18.97	20.4
10	256QAM	1	25	19.03	18.99	19.01	18.79	18.88	
10	256QAM	1	49	18.99	18.95	19.05	18.72	18.98	
10	256QAM	25	0	19.42	19.34	19.39	19.18	19.20	20.4
10	256QAM	25	12	19.46	19.26	19.35	19.10	19.19	
10	256QAM	25	25	19.34	19.25	19.36	19.10	19.20	
10	256QAM	50	0	19.36	19.25	19.31	19.21	19.20	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	24.35	24.36	24.33	24.17	24.16	25.40
5	QPSK	1	12	24.34	24.38	24.33	24.08	24.17	
5	QPSK	1	24	24.34	24.35	24.33	24.12	24.17	
5	QPSK	12	0	23.45	23.48	23.43	23.12	23.24	24.4
5	QPSK	12	7	23.47	23.52	23.43	23.14	23.27	
5	QPSK	12	13	23.45	23.49	23.40	23.13	23.24	
5	QPSK	25	0	23.47	23.47	23.39	23.16	23.23	
5	16QAM	1	0	23.51	23.57	23.51	23.26	23.24	24.4
5	16QAM	1	12	23.46	23.61	23.58	23.20	23.27	
5	16QAM	1	24	23.49	23.58	23.51	23.24	23.27	
5	16QAM	12	0	22.39	22.45	22.37	22.10	22.16	23.4
5	16QAM	12	7	22.42	22.52	22.38	22.12	22.23	
5	16QAM	12	13	22.44	22.48	22.38	22.11	22.19	
5	16QAM	25	0	22.54	22.53	22.43	22.22	22.27	
5	64QAM	1	0	22.18	22.26	22.12	22.04	22.03	23.4
5	64QAM	1	12	22.10	22.12	22.01	21.94	22.02	
5	64QAM	1	24	22.18	22.20	22.12	22.00	22.04	
5	64QAM	12	0	21.47	21.48	21.41	21.15	21.18	22.4
5	64QAM	12	7	21.50	21.51	21.43	21.17	21.21	
5	64QAM	12	13	21.51	21.48	21.42	21.18	21.17	
5	64QAM	25	0	21.53	21.50	21.44	21.17	21.24	
5	256QAM	1	0	19.25	18.94	19.17	19.00	18.90	20.4
5	256QAM	1	12	19.03	18.96	19.07	18.82	18.87	
5	256QAM	1	24	19.02	18.97	18.96	18.76	19.01	
5	256QAM	12	0	19.49	19.35	19.40	19.26	19.17	20.4
5	256QAM	12	7	19.46	19.28	19.38	19.16	19.15	
5	256QAM	12	13	19.40	19.26	19.28	19.13	19.17	
5	256QAM	25	0	19.35	19.27	19.31	19.12	19.20	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.40	26.60	26.57	26.29	26.39	27.7
20	QPSK	1	49	26.39	26.59	26.40	26.28	26.28	
20	QPSK	1	99	26.35	26.52	26.30	26.18	26.34	
20	QPSK	50	0	25.58	25.76	25.67	25.46	25.54	26.7
20	QPSK	50	24	25.51	25.75	25.66	25.45	25.53	
20	QPSK	50	50	25.55	25.72	25.51	25.42	25.51	
20	QPSK	100	0	25.57	25.73	25.64	25.44	25.50	
20	16QAM	1	0	25.59	25.96	25.67	25.57	25.70	26.7
20	16QAM	1	49	25.61	25.85	25.64	25.52	25.61	
20	16QAM	1	99	25.69	25.86	25.65	25.51	25.58	
20	16QAM	50	0	24.58	24.72	24.54	24.43	24.59	25.7
20	16QAM	50	24	24.58	24.76	24.52	24.44	24.58	
20	16QAM	50	50	24.57	24.72	24.57	24.40	24.58	
20	16QAM	100	0	24.63	24.76	24.61	24.46	24.60	
20	64QAM	1	0	24.42	24.67	24.66	24.41	24.56	25.7
20	64QAM	1	49	24.68	24.71	24.70	24.56	24.69	
20	64QAM	1	99	24.71	24.83	24.69	24.51	24.64	
20	64QAM	50	0	23.60	23.77	23.57	23.48	23.63	24.7
20	64QAM	50	24	23.62	23.80	23.59	23.50	23.62	
20	64QAM	50	50	23.62	23.79	23.59	23.47	23.62	
20	64QAM	100	0	23.60	23.78	23.60	23.47	23.64	
20	256QAM	1	0	21.83	21.78	21.45	21.74	21.81	22.7
20	256QAM	1	49	21.80	21.75	21.65	21.59	21.75	
20	256QAM	1	99	21.72	21.67	21.61	21.53	21.77	
20	256QAM	50	0	21.89	21.90	21.86	21.85	21.80	22.7
20	256QAM	50	24	21.88	21.79	21.78	21.74	21.79	
20	256QAM	50	50	21.84	21.80	21.74	21.69	21.78	
20	256QAM	100	0	21.82	21.74	21.73	21.72	21.74	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	26.38	26.55	26.39	26.28	26.39	27.70
15	QPSK	1	37	26.31	26.50	26.43	26.12	26.23	
15	QPSK	1	74	26.37	26.55	26.42	26.23	26.31	
15	QPSK	36	0	25.59	25.72	25.60	25.45	25.58	26.7
15	QPSK	36	20	25.57	25.72	25.58	25.43	25.58	
15	QPSK	36	39	25.61	25.71	25.58	25.42	25.57	
15	QPSK	75	0	25.60	25.73	25.58	25.43	25.59	
15	16QAM	1	0	25.66	25.81	25.74	25.63	25.50	26.7
15	16QAM	1	37	25.61	25.95	25.89	25.49	25.54	
15	16QAM	1	74	25.76	26.02	25.78	25.57	25.61	
15	16QAM	36	0	24.58	24.70	24.53	24.47	24.56	25.7
15	16QAM	36	20	24.62	24.71	24.55	24.45	24.61	
15	16QAM	36	39	24.63	24.72	24.54	24.45	24.60	
15	16QAM	75	0	24.61	24.75	24.59	24.44	24.60	
15	64QAM	1	0	24.64	24.75	24.70	24.77	24.66	25.7
15	64QAM	1	37	24.49	24.77	24.68	24.29	24.42	
15	64QAM	1	74	24.50	24.84	24.68	24.34	24.40	
15	64QAM	36	0	23.64	23.75	23.63	23.48	23.63	24.7
15	64QAM	36	20	23.62	23.77	23.60	23.47	23.62	
15	64QAM	36	39	23.67	23.77	23.60	23.50	23.62	
15	64QAM	75	0	23.62	23.75	23.56	23.45	23.57	
15	256QAM	1	0	21.73	21.68	21.44	21.69	21.71	22.7
15	256QAM	1	37	21.76	21.71	21.55	21.68	21.69	
15	256QAM	1	74	21.62	21.62	21.59	21.52	21.70	
15	256QAM	36	0	21.86	21.89	21.81	21.75	21.80	22.7
15	256QAM	36	20	21.81	21.69	21.78	21.74	21.69	
15	256QAM	36	39	21.82	21.74	21.68	21.61	21.76	
15	256QAM	75	0	21.74	21.70	21.72	21.62	21.64	
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.39	26.53	26.41	26.27	26.37	27.70
10	QPSK	1	25	26.45	26.60	26.44	26.32	26.38	
10	QPSK	1	49	26.38	26.52	26.35	26.22	26.32	
10	QPSK	25	0	25.58	25.72	25.56	25.42	25.56	26.7
10	QPSK	25	12	25.55	25.72	25.55	25.40	25.57	
10	QPSK	25	25	25.59	25.72	25.56	25.42	25.54	
10	QPSK	50	0	25.62	25.74	25.51	25.42	25.55	
10	16QAM	1	0	25.60	25.92	25.66	25.61	25.60	26.7
10	16QAM	1	25	25.66	25.89	25.69	25.56	25.59	
10	16QAM	1	49	25.74	25.94	25.77	25.62	25.63	
10	16QAM	25	0	24.68	24.81	24.63	24.49	24.61	25.7
10	16QAM	25	12	24.64	24.79	24.65	24.46	24.62	
10	16QAM	25	25	24.73	24.85	24.66	24.48	24.60	
10	16QAM	50	0	24.65	24.76	24.56	24.44	24.53	
10	64QAM	1	0	24.55	24.72	24.58	24.41	24.47	25.7
10	64QAM	1	25	24.44	24.58	24.43	24.28	24.35	
10	64QAM	1	49	24.71	24.75	24.53	24.37	24.44	
10	64QAM	25	0	23.64	23.74	23.59	23.49	23.61	24.7
10	64QAM	25	12	23.59	23.73	23.58	23.40	23.58	
10	64QAM	25	25	23.61	23.77	23.60	23.48	23.57	
10	64QAM	50	0	23.66	23.79	23.58	23.46	23.57	
10	256QAM	1	0	21.68	21.64	21.38	21.66	21.66	22.7
10	256QAM	1	25	21.72	21.61	21.55	21.48	21.67	
10	256QAM	1	49	21.62	21.52	21.50	21.47	21.67	
10	256QAM	25	0	21.84	21.85	21.77	21.68	21.79	22.7
10	256QAM	25	12	21.79	21.62	21.71	21.64	21.60	
10	256QAM	25	25	21.77	21.66	21.67	21.55	21.69	
10	256QAM	50	0	21.67	21.66	21.68	21.57	21.54	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	26.39	26.60	26.51	26.37	26.42	27.70
5	QPSK	1	12	26.39	26.56	26.50	26.28	26.33	
5	QPSK	1	24	26.41	26.60	26.46	26.28	26.34	
5	QPSK	12	0	25.56	25.68	25.56	25.40	25.56	26.7
5	QPSK	12	7	25.60	25.69	25.53	25.40	25.52	
5	QPSK	12	13	25.60	25.72	25.56	25.41	25.56	
5	QPSK	25	0	25.57	25.70	25.58	25.38	25.55	
5	16QAM	1	0	25.44	26.07	25.93	25.53	25.45	26.7
5	16QAM	1	12	25.53	25.97	25.89	25.47	25.50	
5	16QAM	1	24	25.64	26.06	25.90	25.58	25.60	
5	16QAM	12	0	24.59	24.86	24.67	24.47	24.55	25.7
5	16QAM	12	7	24.71	24.78	24.61	24.47	24.57	
5	16QAM	12	13	24.70	24.81	24.63	24.45	24.61	
5	16QAM	25	0	24.67	24.82	24.72	24.46	24.61	
5	64QAM	1	0	24.67	24.68	24.55	24.63	24.61	25.7
5	64QAM	1	12	24.62	24.65	24.57	24.45	24.55	
5	64QAM	1	24	24.68	24.73	24.57	24.49	24.61	
5	64QAM	12	0	23.60	23.72	23.54	23.36	23.55	24.7
5	64QAM	12	7	23.64	23.73	23.52	23.40	23.53	
5	64QAM	12	13	23.64	23.73	23.54	23.37	23.53	
5	64QAM	25	0	23.64	23.73	23.61	23.39	23.61	
5	256QAM	1	0	21.59	21.64	21.47	21.56	21.56	22.7
5	256QAM	1	12	21.71	21.58	21.50	21.40	21.60	
5	256QAM	1	24	21.54	21.44	21.45	21.46	21.63	
5	256QAM	12	0	21.76	21.79	21.77	21.60	21.74	22.7
5	256QAM	12	7	21.69	21.54	21.63	21.55	21.56	
5	256QAM	12	13	21.74	21.59	21.59	21.51	21.63	
5	256QAM	25	0	21.66	21.64	21.67	21.49	21.53	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3550	3609	3641	3690	
20	QPSK	1	0	22.69	22.88	22.80	22.87	24
20	QPSK	1	49	22.63	22.71	22.58	22.58	
20	QPSK	1	99	22.54	22.61	22.47	22.45	
20	QPSK	50	0	21.72	21.85	21.71	21.70	23
20	QPSK	50	24	21.69	21.80	21.69	21.66	
20	QPSK	50	50	21.65	21.74	21.59	21.56	
20	QPSK	100	0	21.68	21.76	21.64	21.60	
20	16QAM	1	0	21.61	21.77	21.67	21.57	23
20	16QAM	1	49	21.52	21.70	21.50	21.38	
20	16QAM	1	99	21.50	21.64	21.43	21.34	
20	16QAM	50	0	20.66	20.80	20.65	20.60	22
20	16QAM	50	24	20.67	20.78	20.63	20.58	
20	16QAM	50	50	20.62	20.73	20.55	20.49	
20	16QAM	100	0	20.65	20.74	20.60	20.55	
20	64QAM	1	0	20.40	20.69	20.45	20.56	22
20	64QAM	1	49	20.35	20.68	20.38	20.48	
20	64QAM	1	99	20.29	20.54	20.24	20.35	
20	64QAM	50	0	19.68	19.82	19.70	19.66	21
20	64QAM	50	24	19.69	19.79	19.67	19.62	
20	64QAM	50	50	19.64	19.73	19.60	19.54	
20	64QAM	100	0	19.64	19.78	19.60	19.56	
20	256QAM	1	0	18.06	18.26	18.05	17.95	19
20	256QAM	1	49	18.16	18.17	18.08	18.12	
20	256QAM	1	99	18.18	18.20	18.11	18.14	
20	256QAM	50	0	18.42	18.47	18.37	18.40	19
20	256QAM	50	24	18.43	18.49	18.42	18.41	
20	256QAM	50	50	18.43	18.48	18.43	18.38	
20	256QAM	100	0	18.40	18.43	18.40	18.40	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3663	3642	3692.5	
15	QPSK	1	0	22.58	22.67	22.66	22.66	24
15	QPSK	1	37	22.60	22.62	22.50	22.56	
15	QPSK	1	74	22.44	22.61	22.46	22.45	
15	QPSK	36	0	21.64	21.76	21.62	21.64	23
15	QPSK	36	20	21.67	21.74	21.64	21.65	
15	QPSK	36	39	21.60	21.74	21.56	21.51	
15	QPSK	75	0	21.60	21.69	21.55	21.53	
15	16QAM	1	0	21.53	21.72	21.60	21.49	23
15	16QAM	1	37	21.42	21.60	21.45	21.28	
15	16QAM	1	74	21.43	21.62	21.38	21.27	
15	16QAM	36	0	20.64	20.71	20.60	20.59	22
15	16QAM	36	20	20.61	20.76	20.57	20.46	
15	16QAM	36	39	20.59	20.63	20.46	20.48	
15	16QAM	75	0	20.55	20.68	20.50	20.46	
15	64QAM	1	0	20.38	20.61	20.43	20.53	22
15	64QAM	1	37	20.34	20.67	20.33	20.38	
15	64QAM	1	74	20.20	20.49	20.22	20.29	
15	64QAM	36	0	19.63	19.76	19.61	19.58	21
15	64QAM	36	20	19.59	19.74	19.64	19.57	
15	64QAM	36	39	19.58	19.72	19.52	19.45	
15	64QAM	75	0	19.63	19.70	19.52	19.55	
15	256QAM	1	0	17.98	18.16	18.00	17.94	19
15	256QAM	1	37	18.11	18.15	18.06	18.06	
15	256QAM	1	74	18.09	18.17	18.04	18.12	
15	256QAM	36	0	18.32	18.43	18.31	18.35	19
15	256QAM	36	20	18.38	18.44	18.37	18.31	
15	256QAM	36	39	18.41	18.43	18.43	18.38	
15	256QAM	75	0	18.35	18.38	18.35	18.39	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3667.5	3642.5	3695	
10	QPSK	1	0	22.66	22.71	22.70	22.62	24
10	QPSK	1	25	22.58	22.70	22.48	22.50	
10	QPSK	1	49	22.46	22.53	22.43	22.38	
10	QPSK	25	0	21.62	21.78	21.65	21.68	23
10	QPSK	25	12	21.69	21.79	21.63	21.62	
10	QPSK	25	25	21.55	21.69	21.52	21.56	
10	QPSK	50	0	21.62	21.76	21.54	21.58	
10	16QAM	1	0	21.54	21.67	21.60	21.47	23
10	16QAM	1	25	21.51	21.66	21.42	21.36	
10	16QAM	1	49	21.40	21.55	21.39	21.27	
10	16QAM	25	0	20.59	20.76	20.63	20.51	22
10	16QAM	25	12	20.66	20.76	20.59	20.49	
10	16QAM	25	25	20.60	20.73	20.55	20.48	
10	16QAM	50	0	20.55	20.64	20.54	20.47	
10	64QAM	1	0	20.40	20.68	20.37	20.51	22
10	64QAM	1	25	20.34	20.64	20.30	20.47	
10	64QAM	1	49	20.21	20.52	20.24	20.31	
10	64QAM	25	0	19.59	19.76	19.62	19.61	21
10	64QAM	25	12	19.59	19.74	19.58	19.62	
10	64QAM	25	25	19.64	19.66	19.54	19.53	
10	64QAM	50	0	19.55	19.75	19.55	19.50	
10	256QAM	1	0	18.05	18.22	18.03	17.89	19
10	256QAM	1	25	18.10	18.07	18.07	18.07	
10	256QAM	1	49	18.09	18.16	18.01	18.10	
10	256QAM	25	0	18.33	18.43	18.37	18.32	19
10	256QAM	25	12	18.33	18.42	18.35	18.36	
10	256QAM	25	25	18.37	18.42	18.42	18.33	
10	256QAM	50	0	18.30	18.36	18.35	18.35	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3665	3643	3697.5	
5	QPSK	1	0	22.61	22.74	22.69	22.66	24
5	QPSK	1	12	22.55	22.64	22.59	22.52	
5	QPSK	1	24	22.52	22.57	22.42	22.42	
5	QPSK	12	0	21.63	21.77	21.63	21.66	23
5	QPSK	12	7	21.65	21.70	21.63	21.57	
5	QPSK	12	13	21.57	21.66	21.57	21.52	
5	QPSK	25	0	21.68	21.68	21.62	21.58	
5	16QAM	1	0	21.54	21.76	21.60	21.54	23
5	16QAM	1	12	21.44	21.62	21.43	21.35	
5	16QAM	1	24	21.47	21.62	21.34	21.29	
5	16QAM	12	0	20.57	20.74	20.61	20.58	22
5	16QAM	12	7	20.57	20.71	20.58	20.52	
5	16QAM	12	13	20.58	20.71	20.54	20.49	
5	16QAM	25	0	20.61	20.73	20.52	20.53	
5	64QAM	1	0	20.40	20.69	20.44	20.53	22
5	64QAM	1	12	20.28	20.60	20.29	20.39	
5	64QAM	1	24	20.21	20.48	20.21	20.27	
5	64QAM	12	0	19.64	19.77	19.66	19.59	21
5	64QAM	12	7	19.59	19.77	19.60	19.54	
5	64QAM	12	13	19.55	19.70	19.51	19.54	
5	64QAM	25	0	19.57	19.77	19.50	19.51	
5	256QAM	1	0	17.99	18.26	18.00	17.89	19
5	256QAM	1	12	18.12	18.07	17.98	18.12	
5	256QAM	1	24	18.11	18.13	18.04	18.06	
5	256QAM	12	0	18.35	18.37	18.29	18.30	19
5	256QAM	12	7	18.41	18.39	18.37	18.38	
5	256QAM	12	13	18.40	18.39	18.37	18.29	
5	256QAM	25	0	18.33	18.40	18.33	18.35	

Band 38 PC3_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.00	21.95	21.89	22.6
20	QPSK	1	49	21.99	21.90	21.83	
20	QPSK	1	99	22.00	21.93	21.85	
20	QPSK	50	0	22.06	21.99	21.92	22.6
20	QPSK	50	24	22.07	21.97	21.94	
20	QPSK	50	50	22.06	21.95	21.90	
20	QPSK	100	0	22.07	21.97	21.92	
20	16QAM	1	0	22.10	22.01	22.01	22.6
20	16QAM	1	49	22.04	21.95	21.94	
20	16QAM	1	99	22.10	21.97	21.96	
20	16QAM	50	0	22.05	22.00	21.94	22.6
20	16QAM	50	24	22.04	21.99	21.93	
20	16QAM	50	50	22.04	21.97	21.92	
20	16QAM	100	0	22.06	21.99	21.95	
20	64QAM	1	0	21.89	21.85	21.77	22.6
20	64QAM	1	49	21.87	21.81	21.74	
20	64QAM	1	99	21.91	21.82	21.77	
20	64QAM	50	0	21.44	21.37	21.33	22.1
20	64QAM	50	24	21.46	21.39	21.35	
20	64QAM	50	50	21.44	21.37	21.33	
20	64QAM	100	0	21.46	21.37	21.32	
20	256QAM	1	0	19.25	19.41	19.46	20.1
20	256QAM	1	49	19.16	19.22	19.15	
20	256QAM	1	99	19.13	19.24	19.01	
20	256QAM	50	0	19.51	19.61	19.50	20.1
20	256QAM	50	24	19.56	19.59	19.46	
20	256QAM	50	50	19.49	19.51	19.42	
20	256QAM	100	0	19.48	19.51	19.36	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.91	21.87	21.83	22.6
15	QPSK	1	37	21.93	21.84	21.77	
15	QPSK	1	74	21.94	21.83	21.79	
15	QPSK	36	0	22.05	21.91	21.85	22.6
15	QPSK	36	20	21.99	21.88	21.87	
15	QPSK	36	39	22.06	21.94	21.89	
15	QPSK	75	0	22.03	21.91	21.86	
15	16QAM	1	0	22.05	21.94	21.95	22.6
15	16QAM	1	37	22.04	21.93	21.84	
15	16QAM	1	74	22.00	21.90	21.91	
15	16QAM	36	0	22.04	21.97	21.90	22.6
15	16QAM	36	20	21.95	21.94	21.84	
15	16QAM	36	39	21.98	21.89	21.85	
15	16QAM	75	0	22.04	21.97	21.90	
15	64QAM	1	0	21.84	21.84	21.71	22.6
15	64QAM	1	37	21.81	21.79	21.64	
15	64QAM	1	74	21.89	21.79	21.75	
15	64QAM	36	0	21.35	21.32	21.25	22.1
15	64QAM	36	20	21.43	21.34	21.28	
15	64QAM	36	39	21.38	21.27	21.29	
15	64QAM	75	0	21.40	21.27	21.30	
15	256QAM	1	0	19.17	19.36	19.42	20.1
15	256QAM	1	37	19.12	19.20	19.06	
15	256QAM	1	74	19.11	19.22	19.00	
15	256QAM	36	0	19.44	19.59	19.47	20.1
15	256QAM	36	20	19.53	19.55	19.46	
15	256QAM	36	39	19.42	19.41	19.32	
15	256QAM	75	0	19.44	19.46	19.28	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.90	21.86	21.84	22.6
10	QPSK	1	25	21.99	21.84	21.80	
10	QPSK	1	49	21.90	21.87	21.77	
10	QPSK	25	0	22.01	21.92	21.90	22.6
10	QPSK	25	12	22.07	21.90	21.84	
10	QPSK	25	25	21.96	21.94	21.87	
10	QPSK	50	0	22.04	21.91	21.88	
10	16QAM	1	0	22.04	21.92	22.01	22.6
10	16QAM	1	25	22.02	21.93	21.86	
10	16QAM	1	49	22.03	21.88	21.86	
10	16QAM	25	0	22.03	21.92	21.90	22.6
10	16QAM	25	12	22.00	21.90	21.90	
10	16QAM	25	25	22.02	21.88	21.86	
10	16QAM	50	0	21.98	21.97	21.92	
10	64QAM	1	0	21.89	21.75	21.76	22.6
10	64QAM	1	25	21.77	21.81	21.67	
10	64QAM	1	49	21.81	21.73	21.68	
10	64QAM	25	0	21.44	21.37	21.33	22.1
10	64QAM	25	12	21.46	21.36	21.27	
10	64QAM	25	25	21.37	21.37	21.23	
10	64QAM	50	0	21.39	21.33	21.31	
10	256QAM	1	0	19.20	19.37	19.43	20.1
10	256QAM	1	25	19.08	19.22	19.06	
10	256QAM	1	49	19.04	19.24	18.98	
10	256QAM	25	0	19.50	19.61	19.43	20.1
10	256QAM	25	12	19.55	19.58	19.41	
10	256QAM	25	25	19.46	19.43	19.42	
10	256QAM	50	0	19.47	19.41	19.34	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.98	21.94	21.87	22.6
5	QPSK	1	12	21.94	21.82	21.77	
5	QPSK	1	24	21.94	21.91	21.75	
5	QPSK	12	0	22.04	21.92	21.82	22.6
5	QPSK	12	7	22.05	21.92	21.90	
5	QPSK	12	13	21.97	21.90	21.88	
5	QPSK	25	0	22.03	21.88	21.90	
5	16QAM	1	0	22.07	21.92	21.93	22.6
5	16QAM	1	12	22.02	21.92	21.91	
5	16QAM	1	24	22.05	21.95	21.90	
5	16QAM	12	0	21.96	21.92	21.89	22.6
5	16QAM	12	7	22.00	21.95	21.90	
5	16QAM	12	13	22.00	21.96	21.86	
5	16QAM	25	0	21.96	21.97	21.91	
5	64QAM	1	0	21.79	21.79	21.72	22.6
5	64QAM	1	12	21.83	21.71	21.64	
5	64QAM	1	24	21.86	21.81	21.70	
5	64QAM	12	0	21.40	21.32	21.25	22.1
5	64QAM	12	7	21.39	21.30	21.30	
5	64QAM	12	13	21.39	21.30	21.26	
5	64QAM	25	0	21.40	21.30	21.30	
5	256QAM	1	0	19.19	19.40	19.45	20.1
5	256QAM	1	12	19.12	19.21	19.07	
5	256QAM	1	24	19.08	19.22	18.91	
5	256QAM	12	0	19.51	19.59	19.49	20.1
5	256QAM	12	7	19.48	19.49	19.39	
5	256QAM	12	13	19.39	19.47	19.35	
5	256QAM	25	0	19.40	19.47	19.33	

Band 38 PC2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.59	23.57	23.46	24.2
20	QPSK	1	49	23.61	23.54	23.41	
20	QPSK	1	99	23.59	23.51	23.42	
20	QPSK	50	0	23.44	23.38	23.34	24.2
20	QPSK	50	24	23.45	23.39	23.33	
20	QPSK	50	50	23.44	23.37	23.27	
20	QPSK	100	0	23.45	23.39	23.32	
20	16QAM	1	0	23.71	23.66	23.61	24.2
20	16QAM	1	49	23.56	23.69	23.81	
20	16QAM	1	99	23.68	23.97	23.59	
20	16QAM	50	0	22.45	22.39	22.31	24.2
20	16QAM	50	24	22.44	22.39	22.33	
20	16QAM	50	50	22.44	22.38	22.29	
20	16QAM	100	0	22.47	22.41	22.33	
20	64QAM	1	0	22.59	22.52	22.52	24.2
20	64QAM	1	49	22.68	22.50	22.29	
20	64QAM	1	99	22.57	22.38	22.51	
20	64QAM	50	0	21.43	21.40	21.30	24.2
20	64QAM	50	24	21.44	21.40	21.33	
20	64QAM	50	50	21.44	21.38	21.30	
20	64QAM	100	0	21.47	21.41	21.33	
20	256QAM	1	0	19.61	19.58	19.46	24.2
20	256QAM	1	49	19.46	19.50	19.47	
20	256QAM	1	99	19.30	19.39	19.39	
20	256QAM	50	0	19.45	19.55	19.45	24.2
20	256QAM	50	24	19.43	19.53	19.45	
20	256QAM	50	50	19.46	19.46	19.36	
20	256QAM	100	0	19.38	19.47	19.39	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.58	23.50	23.43	24.2
15	QPSK	1	37	23.57	23.52	23.33	
15	QPSK	1	74	23.57	23.50	23.35	
15	QPSK	36	0	23.44	23.29	23.24	24.2
15	QPSK	36	20	23.44	23.30	23.33	
15	QPSK	36	39	23.43	23.37	23.27	
15	QPSK	75	0	23.40	23.29	23.28	
15	16QAM	1	0	23.71	23.63	23.56	24.2
15	16QAM	1	37	23.47	23.63	23.79	
15	16QAM	1	74	23.64	23.93	23.52	
15	16QAM	36	0	22.36	22.37	22.27	24.2
15	16QAM	36	20	22.38	22.32	22.32	
15	16QAM	36	39	22.34	22.37	22.26	
15	16QAM	75	0	22.37	22.41	22.30	
15	64QAM	1	0	22.51	22.47	22.46	24.2
15	64QAM	1	37	22.58	22.45	22.19	
15	64QAM	1	74	22.47	22.30	22.45	
15	64QAM	36	0	21.39	21.36	21.27	24.2
15	64QAM	36	20	21.37	21.34	21.28	
15	64QAM	36	39	21.36	21.37	21.26	
15	64QAM	75	0	21.46	21.40	21.31	
15	256QAM	1	0	19.51	19.48	19.38	24.2
15	256QAM	1	37	19.36	19.45	19.47	
15	256QAM	1	74	19.26	19.29	19.33	
15	256QAM	36	0	19.41	19.51	19.41	24.2
15	256QAM	36	20	19.36	19.53	19.43	
15	256QAM	36	39	19.42	19.41	19.29	
15	256QAM	75	0	19.37	19.45	19.35	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.59	23.49	23.43	24.2
10	QPSK	1	25	23.58	23.51	23.39	
10	QPSK	1	49	23.59	23.51	23.40	
10	QPSK	25	0	23.44	23.33	23.32	24.2
10	QPSK	25	12	23.38	23.31	23.28	
10	QPSK	25	25	23.34	23.37	23.25	
10	QPSK	50	0	23.36	23.31	23.32	
10	16QAM	1	0	23.67	23.65	23.52	24.2
10	16QAM	1	25	23.47	23.63	23.79	
10	16QAM	1	49	23.60	23.88	23.58	
10	16QAM	25	0	22.37	22.39	22.24	24.2
10	16QAM	25	12	22.34	22.38	22.31	
10	16QAM	25	25	22.41	22.38	22.23	
10	16QAM	50	0	22.39	22.38	22.25	
10	64QAM	1	0	22.58	22.46	22.47	24.2
10	64QAM	1	25	22.67	22.41	22.26	
10	64QAM	1	49	22.51	22.38	22.42	
10	64QAM	25	0	21.41	21.36	21.22	24.2
10	64QAM	25	12	21.38	21.37	21.29	
10	64QAM	25	25	21.39	21.32	21.20	
10	64QAM	50	0	21.39	21.38	21.23	
10	256QAM	1	0	19.59	19.58	19.37	24.2
10	256QAM	1	25	19.40	19.46	19.40	
10	256QAM	1	49	19.28	19.38	19.29	
10	256QAM	25	0	19.42	19.48	19.38	24.2
10	256QAM	25	12	19.39	19.45	19.40	
10	256QAM	25	25	19.39	19.38	19.32	
10	256QAM	50	0	19.29	19.37	19.38	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.58	23.50	23.42	24.2
5	QPSK	1	12	23.55	23.46	23.33	
5	QPSK	1	24	23.57	23.48	23.39	
5	QPSK	12	0	23.36	23.34	23.27	24.2
5	QPSK	12	7	23.42	23.38	23.31	
5	QPSK	12	13	23.40	23.36	23.17	
5	QPSK	25	0	23.35	23.38	23.27	
5	16QAM	1	0	23.64	23.59	23.51	24.2
5	16QAM	1	12	23.48	23.66	23.81	
5	16QAM	1	24	23.68	23.93	23.51	
5	16QAM	12	0	22.38	22.33	22.23	24.2
5	16QAM	12	7	22.37	22.34	22.31	
5	16QAM	12	13	22.44	22.37	22.21	
5	16QAM	25	0	22.47	22.38	22.26	
5	64QAM	1	0	22.52	22.45	22.45	24.2
5	64QAM	1	12	22.59	22.43	22.28	
5	64QAM	1	24	22.54	22.28	22.47	
5	64QAM	12	0	21.36	21.34	21.22	24.2
5	64QAM	12	7	21.37	21.39	21.24	
5	64QAM	12	13	21.35	21.36	21.30	
5	64QAM	25	0	21.38	21.38	21.25	
5	256QAM	1	0	19.60	19.55	19.42	24.2
5	256QAM	1	12	19.37	19.46	19.40	
5	256QAM	1	24	19.27	19.29	19.33	
5	256QAM	12	0	19.36	19.48	19.35	24.2
5	256QAM	12	7	19.39	19.49	19.39	
5	256QAM	12	13	19.46	19.38	19.36	
5	256QAM	25	0	19.35	19.42	19.34	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.83	21.90	21.89	21.68	21.69	22.6
20	QPSK	1	49	21.82	21.88	21.85	21.66	21.65	
20	QPSK	1	99	21.81	21.88	21.84	21.64	21.64	
20	QPSK	50	0	21.89	21.95	21.93	21.72	21.86	22.6
20	QPSK	50	24	21.90	22.00	21.94	21.74	21.99	
20	QPSK	50	50	21.85	21.95	21.90	21.72	21.85	
20	QPSK	100	0	21.87	21.94	21.91	21.70	21.73	
20	16QAM	1	0	21.95	21.96	21.93	21.74	21.86	22.6
20	16QAM	1	49	21.87	21.83	21.85	21.71	21.75	
20	16QAM	1	99	21.96	21.91	21.91	21.75	21.80	
20	16QAM	50	0	21.77	21.84	21.83	21.65	21.62	22.6
20	16QAM	50	24	21.79	21.86	21.82	21.65	21.63	
20	16QAM	50	50	21.76	21.84	21.81	21.62	21.61	
20	16QAM	100	0	21.76	21.85	21.80	21.64	21.61	
20	64QAM	1	0	21.71	21.80	21.71	21.46	21.53	22.6
20	64QAM	1	49	21.67	21.75	21.68	21.40	21.51	
20	64QAM	1	99	21.74	21.76	21.74	21.44	21.51	
20	64QAM	50	0	21.28	21.36	21.35	21.16	21.13	22.1
20	64QAM	50	24	21.32	21.40	21.34	21.15	21.16	
20	64QAM	50	50	21.31	21.39	21.32	21.13	21.17	
20	64QAM	100	0	21.26	21.34	21.30	21.11	21.14	
20	256QAM	1	0	19.24	19.01	19.21	18.98	18.94	20.1
20	256QAM	1	49	19.11	18.91	19.06	18.78	18.92	
20	256QAM	1	99	19.03	18.93	18.96	18.69	19.01	
20	256QAM	50	0	19.44	19.35	19.42	19.17	19.21	20.1
20	256QAM	50	24	19.41	19.27	19.42	19.17	19.16	
20	256QAM	50	50	19.40	19.32	19.35	19.06	19.20	
20	256QAM	100	0	19.39	19.21	19.23	19.11	19.11	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.83	21.83	21.83	21.63	21.63	22.60
15	QPSK	1	37	21.76	21.79	21.75	21.61	21.68	
15	QPSK	1	74	21.71	21.87	21.82	21.63	21.61	
15	QPSK	36	0	21.82	21.88	21.84	21.69	21.71	22.6
15	QPSK	36	20	21.87	21.90	21.94	21.69	21.71	
15	QPSK	36	39	21.85	21.93	21.81	21.72	21.70	
15	QPSK	75	0	21.85	21.91	21.88	21.66	21.67	
15	16QAM	1	0	21.89	21.94	21.92	21.64	21.82	22.6
15	16QAM	1	37	21.86	21.77	21.80	21.68	21.73	
15	16QAM	1	74	21.95	21.88	21.90	21.75	21.73	
15	16QAM	36	0	21.72	21.84	21.73	21.61	21.60	22.6
15	16QAM	36	20	21.79	21.82	21.75	21.63	21.59	
15	16QAM	36	39	21.66	21.79	21.73	21.57	21.56	
15	16QAM	75	0	21.72	21.78	21.71	21.63	21.55	
15	64QAM	1	0	21.65	21.73	21.63	21.49	21.43	22.6
15	64QAM	1	37	21.67	21.72	21.58	21.45	21.47	
15	64QAM	1	74	21.70	21.72	21.69	21.45	21.44	
15	64QAM	36	0	21.20	21.35	21.29	21.07	21.06	22.1
15	64QAM	36	20	21.32	21.36	21.33	21.09	21.12	
15	64QAM	36	39	21.28	21.36	21.23	21.06	21.14	
15	64QAM	75	0	21.23	21.27	21.22	21.09	21.05	
15	256QAM	1	0	19.18	18.97	19.14	18.93	18.86	20.1
15	256QAM	1	37	19.09	18.91	19.05	18.69	18.91	
15	256QAM	1	74	18.93	18.84	18.91	18.59	18.92	
15	256QAM	36	0	19.40	19.29	19.37	19.16	19.14	20.1
15	256QAM	36	20	19.39	19.17	19.40	19.09	19.11	
15	256QAM	36	39	19.38	19.28	19.33	18.97	19.11	
15	256QAM	75	0	19.35	19.14	19.17	19.09	19.08	
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.81	21.88	21.87	21.63	21.65	22.60
10	QPSK	1	25	21.76	21.79	21.75	21.61	21.66	
10	QPSK	1	49	21.76	21.82	21.84	21.57	21.69	
10	QPSK	25	0	21.89	21.86	21.93	21.67	21.65	22.6
10	QPSK	25	12	21.90	21.95	21.93	21.71	21.71	
10	QPSK	25	25	21.78	21.86	21.83	21.65	21.65	
10	QPSK	50	0	21.81	21.84	21.91	21.61	21.68	
10	16QAM	1	0	21.91	21.96	21.89	21.71	21.85	22.6
10	16QAM	1	25	21.83	21.74	21.78	21.67	21.72	
10	16QAM	1	49	21.90	21.84	21.82	21.65	21.77	
10	16QAM	25	0	21.76	21.77	21.82	21.60	21.59	22.6
10	16QAM	25	12	21.75	21.86	21.77	21.61	21.61	
10	16QAM	25	25	21.69	21.83	21.74	21.54	21.60	
10	16QAM	50	0	21.71	21.83	21.74	21.64	21.56	
10	64QAM	1	0	21.61	21.71	21.71	21.45	21.47	22.6
10	64QAM	1	25	21.58	21.66	21.67	21.49	21.42	
10	64QAM	1	49	21.70	21.69	21.66	21.49	21.48	
10	64QAM	25	0	21.18	21.34	21.29	21.11	21.03	22.1
10	64QAM	25	12	21.28	21.31	21.25	21.11	21.06	
10	64QAM	25	25	21.26	21.37	21.31	21.05	21.17	
10	64QAM	50	0	21.21	21.25	21.24	21.08	21.07	
10	256QAM	1	0	19.21	18.95	19.18	18.98	18.85	20.1
10	256QAM	1	25	19.11	18.91	19.03	18.70	18.90	
10	256QAM	1	49	19.03	18.89	18.87	18.68	18.97	
10	256QAM	25	0	19.38	19.35	19.40	19.16	19.13	20.1
10	256QAM	25	12	19.37	19.27	19.33	19.14	19.16	
10	256QAM	25	25	19.38	19.29	19.30	19.05	19.10	
10	256QAM	50	0	19.34	19.20	19.18	19.11	19.05	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	21.81	21.86	21.79	21.60	21.62	22.60
5	QPSK	1	12	21.77	21.86	21.80	21.65	21.69	
5	QPSK	1	24	21.79	21.87	21.74	21.56	21.63	
5	QPSK	12	0	21.88	21.86	21.92	21.63	21.65	22.6
5	QPSK	12	7	21.86	21.95	21.90	21.70	21.70	
5	QPSK	12	13	21.76	21.92	21.82	21.65	21.71	
5	QPSK	25	0	21.85	21.89	21.91	21.65	21.71	
5	16QAM	1	0	21.89	21.91	21.92	21.70	21.81	22.6
5	16QAM	1	12	21.86	21.78	21.75	21.69	21.73	
5	16QAM	1	24	21.89	21.90	21.86	21.71	21.80	
5	16QAM	12	0	21.69	21.81	21.77	21.61	21.61	22.6
5	16QAM	12	7	21.72	21.84	21.76	21.63	21.56	
5	16QAM	12	13	21.72	21.82	21.75	21.60	21.58	
5	16QAM	25	0	21.66	21.82	21.74	21.61	21.55	
5	64QAM	1	0	21.66	21.78	21.64	21.46	21.51	22.6
5	64QAM	1	12	21.60	21.70	21.62	21.40	21.59	
5	64QAM	1	24	21.70	21.75	21.73	21.41	21.49	
5	64QAM	12	0	21.20	21.31	21.35	21.11	21.04	22.1
5	64QAM	12	7	21.27	21.40	21.27	21.10	21.06	
5	64QAM	12	13	21.26	21.31	21.25	21.09	21.17	
5	64QAM	25	0	21.21	21.27	21.27	21.03	21.07	
5	256QAM	1	0	19.24	18.92	19.11	18.92	18.93	20.1
5	256QAM	1	12	19.03	18.86	18.96	18.78	18.86	
5	256QAM	1	24	18.97	18.92	18.94	18.59	18.99	
5	256QAM	12	0	19.34	19.29	19.34	19.10	19.20	20.1
5	256QAM	12	7	19.40	19.19	19.32	19.17	19.13	
5	256QAM	12	13	19.35	19.28	19.34	18.96	19.10	
5	256QAM	25	0	19.30	19.15	19.14	19.03	19.04	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.39	23.49	23.51	23.31	23.32	24.2
20	QPSK	1	49	23.32	23.43	23.42	23.32	23.23	
20	QPSK	1	99	23.38	23.49	23.47	23.27	23.29	
20	QPSK	50	0	22.31	22.34	22.37	22.12	22.14	23.7
20	QPSK	50	24	22.30	22.36	22.35	22.16	22.16	
20	QPSK	50	50	22.28	22.40	22.33	22.13	22.15	
20	QPSK	100	0	22.31	22.40	22.36	22.15	22.20	
20	16QAM	1	0	23.47	23.67	23.59	23.74	23.42	24.2
20	16QAM	1	49	23.27	23.83	23.47	23.22	23.26	
20	16QAM	1	99	23.44	23.90	23.54	23.31	23.67	
20	16QAM	50	0	21.79	21.86	21.86	21.62	21.65	22.7
20	16QAM	50	24	21.80	21.88	21.87	21.64	21.69	
20	16QAM	50	50	21.79	21.91	21.86	21.64	21.66	
20	16QAM	100	0	21.80	21.90	21.88	21.68	21.71	
20	64QAM	1	0	22.34	22.54	22.48	22.26	22.28	23.2
20	64QAM	1	49	22.40	22.41	22.29	22.07	22.13	
20	64QAM	1	99	22.37	22.49	22.39	22.22	22.21	
20	64QAM	50	0	21.29	21.37	21.36	21.18	21.18	22.2
20	64QAM	50	24	21.29	21.38	21.36	21.16	21.19	
20	64QAM	50	50	21.30	21.38	21.35	21.15	21.18	
20	64QAM	100	0	21.32	21.39	21.33	21.16	21.18	
20	256QAM	1	0	19.50	19.47	19.46	19.33	19.34	20.2
20	256QAM	1	49	19.29	19.25	19.25	19.31	19.31	
20	256QAM	1	99	19.22	19.19	19.26	19.21	19.14	
20	256QAM	50	0	18.78	18.88	18.58	18.83	18.81	20.2
20	256QAM	50	24	18.79	18.76	18.55	18.81	18.84	
20	256QAM	50	50	18.71	18.70	18.59	18.74	18.79	
20	256QAM	100	0	18.71	18.72	18.55	18.65	18.75	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.35	23.46	23.48	23.24	23.32	24.20
15	QPSK	1	37	23.28	23.35	23.32	23.26	23.22	
15	QPSK	1	74	23.30	23.47	23.41	23.20	23.26	
15	QPSK	36	0	22.22	22.28	22.32	22.03	22.13	23.7
15	QPSK	36	20	22.26	22.34	22.34	22.12	22.12	
15	QPSK	36	39	22.27	22.37	22.33	22.07	22.07	
15	QPSK	75	0	22.23	22.30	22.28	22.15	22.16	
15	16QAM	1	0	23.42	23.66	23.52	23.68	23.41	24.2
15	16QAM	1	37	23.17	23.80	23.43	23.18	23.26	
15	16QAM	1	74	23.39	23.86	23.52	23.29	23.57	
15	16QAM	36	0	21.72	21.84	21.86	21.62	21.56	22.7
15	16QAM	36	20	21.74	21.84	21.82	21.61	21.66	
15	16QAM	36	39	21.73	21.90	21.81	21.62	21.62	
15	16QAM	75	0	21.80	21.86	21.86	21.63	21.70	
15	64QAM	1	0	22.34	22.54	22.45	22.26	22.21	23.2
15	64QAM	1	37	22.38	22.34	22.19	22.05	22.09	
15	64QAM	1	74	22.32	22.40	22.29	22.17	22.21	
15	64QAM	36	0	21.25	21.28	21.28	21.17	21.15	22.2
15	64QAM	36	20	21.21	21.35	21.31	21.07	21.18	
15	64QAM	36	39	21.20	21.29	21.35	21.13	21.10	
15	64QAM	75	0	21.27	21.37	21.25	21.12	21.15	
15	256QAM	1	0	19.40	19.47	19.40	19.24	19.29	20.2
15	256QAM	1	37	19.24	19.24	19.17	19.26	19.24	
15	256QAM	1	74	19.14	19.09	19.22	19.19	19.10	
15	256QAM	36	0	18.75	18.84	18.59	18.74	18.74	20.2
15	256QAM	36	20	18.73	18.75	18.57	18.74	18.79	
15	256QAM	36	39	18.63	18.67	18.57	18.64	18.77	
15	256QAM	75	0	18.64	18.62	18.55	18.62	18.70	
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.32	23.39	23.49	23.29	23.30	24.20
10	QPSK	1	23	23.28	23.35	23.38	23.32	23.14	
10	QPSK	1	49	23.28	23.40	23.46	23.20	23.24	
10	QPSK	25	0	22.26	22.31	22.28	22.10	22.07	23.7
10	QPSK	25	12	22.21	22.29	22.32	22.16	22.08	
10	QPSK	25	25	22.21	22.35	22.26	22.09	22.11	
10	QPSK	50	0	22.30	22.36	22.27	22.14	22.12	
10	16QAM	1	0	23.43	23.67	23.49	23.64	23.36	24.2
10	16QAM	1	25	23.19	23.76	23.45	23.20	23.21	
10	16QAM	1	49	23.36	23.80	23.49	23.24	23.57	
10	16QAM	25	0	21.75	21.81	21.82	21.53	21.61	22.7
10	16QAM	25	12	21.70	21.83	21.79	21.63	21.65	
10	16QAM	25	25	21.79	21.86	21.83	21.63	21.57	
10	16QAM	50	0	21.70	21.89	21.85	21.66	21.64	
10	64QAM	1	0	22.26	22.45	22.48	22.22	22.28	23.2
10	64QAM	1	25	22.38	22.32	22.24	22.05	22.03	
10	64QAM	1	49	22.34	22.47	22.33	22.18	22.17	
10	64QAM	25	0	21.19	21.34	21.32	21.08	21.10	22.2
10	64QAM	25	12	21.20	21.29	21.32	21.10	21.16	
10	64QAM	25	25	21.27	21.35	21.26	21.14	21.16	
10	64QAM	50	0	21.28	21.29	21.28	21.06	21.12	
10	256QAM	1	0	19.42	19.43	19.41	19.32	19.30	20.2
10	256QAM	1	25	19.27	19.21	19.23	19.24	19.27	
10	256QAM	1	49	19.22	19.17	19.21	19.17	19.09	
10	256QAM	25	0	18.72	18.82	18.57	18.80	18.79	20.2
10	256QAM	25	12	18.71	18.66	18.57	18.71	18.74	
10	256QAM	25	25	18.71	18.61	18.57	18.70	18.78	
10	256QAM	50	0	18.65	18.67	18.53	18.60	18.72	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.33	23.47	23.51	23.25	23.28	24.20
5	QPSK	1	12	23.29	23.43	23.38	23.26	23.21	
5	QPSK	1	24	23.29	23.40	23.43	23.27	23.21	
5	QPSK	12	0	22.23	22.27	22.32	22.04	22.04	23.7
5	QPSK	12	7	22.23	22.36	22.26	22.15	22.10	
5	QPSK	12	13	22.22	22.37	22.32	22.04	22.10	
5	QPSK	25	0	22.29	22.37	22.27	22.05	22.14	
5	16QAM	1	0	23.44	23.64	23.51	23.66	23.34	24.2
5	16QAM	1	12	23.21	23.83	23.40	23.14	23.22	
5	16QAM	1	24	23.40	23.81	23.54	23.29	23.61	
5	16QAM	12	0	21.78	21.77	21.77	21.57	21.63	22.7
5	16QAM	12	7	21.77	21.78	21.83	21.57	21.64	
5	16QAM	12	13	21.71	21.81	21.86	21.63	21.61	
5	16QAM	25	0	21.74	21.87	21.82	21.66	21.61	
5	64QAM	1	0	22.33	22.44	22.45	22.25	22.18	23.2
5	64QAM	1	12	22.40	22.36	22.28	22.01	22.10	
5	64QAM	1	24	22.37	22.49	22.32	22.13	22.16	
5	64QAM	12	0	21.24	21.30	21.29	21.14	21.14	22.2
5	64QAM	12	7	21.28	21.35	21.36	21.08	21.11	
5	64QAM	12	13	21.23	21.30	21.32	21.08	21.15	
5	64QAM	25	0	21.23	21.39	21.27	21.11	21.08	
5	256QAM	1	0	19.41	19.38	19.44	19.31	19.28	20.2
5	256QAM	1	12	19.28	19.18	19.18	19.21	19.23	
5	256QAM	1	24	19.18	19.18	19.18	19.11	19.13	
5	256QAM	12	0	18.75	18.87	18.58	18.75	18.72	20.2
5	256QAM	12	7	18.75	18.70	18.50	18.78	18.81	
5	256QAM	12	13	18.63	18.68	18.51	18.68	18.74	
5	256QAM	25	0	18.64	18.71	18.51	18.62	18.66	

Band 38 PC3_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.00	21.95	21.89	23.4
20	QPSK	1	49	21.99	21.90	21.83	
20	QPSK	1	99	22.00	21.93	21.85	
20	QPSK	50	0	22.06	21.99	21.92	23.4
20	QPSK	50	24	22.07	21.97	21.94	
20	QPSK	50	50	22.06	21.95	21.90	
20	QPSK	100	0	22.07	21.97	21.92	
20	16QAM	1	0	22.10	22.01	22.01	23.4
20	16QAM	1	49	22.04	21.95	21.94	
20	16QAM	1	99	22.10	21.97	21.96	
20	16QAM	50	0	22.05	22.00	21.94	23.4
20	16QAM	50	24	22.04	21.99	21.93	
20	16QAM	50	50	22.04	21.97	21.92	
20	16QAM	100	0	22.06	21.99	21.95	
20	64QAM	1	0	21.89	21.85	21.77	23.4
20	64QAM	1	49	21.87	21.81	21.74	
20	64QAM	1	99	21.91	21.82	21.77	
20	64QAM	50	0	21.44	21.37	21.33	22.4
20	64QAM	50	24	21.46	21.39	21.35	
20	64QAM	50	50	21.44	21.37	21.33	
20	64QAM	100	0	21.46	21.37	21.32	
20	256QAM	1	0	19.25	19.41	19.46	20.4
20	256QAM	1	49	19.16	19.22	19.15	
20	256QAM	1	99	19.13	19.24	19.01	
20	256QAM	50	0	19.51	19.61	19.50	20.4
20	256QAM	50	24	19.56	19.59	19.46	
20	256QAM	50	50	19.49	19.51	19.42	
20	256QAM	100	0	19.48	19.51	19.36	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.91	21.87	21.83	23.4
15	QPSK	1	37	21.93	21.84	21.77	
15	QPSK	1	74	21.94	21.83	21.79	
15	QPSK	36	0	22.05	21.91	21.85	23.4
15	QPSK	36	20	21.99	21.88	21.87	
15	QPSK	36	39	22.06	21.94	21.89	
15	QPSK	75	0	22.03	21.91	21.86	
15	16QAM	1	0	22.05	21.94	21.95	23.4
15	16QAM	1	37	22.04	21.93	21.84	
15	16QAM	1	74	22.00	21.90	21.91	
15	16QAM	36	0	22.04	21.97	21.90	23.4
15	16QAM	36	20	21.95	21.94	21.84	
15	16QAM	36	39	21.98	21.89	21.85	
15	16QAM	75	0	22.04	21.97	21.90	
15	64QAM	1	0	21.84	21.84	21.71	23.4
15	64QAM	1	37	21.81	21.79	21.64	
15	64QAM	1	74	21.89	21.79	21.75	
15	64QAM	36	0	21.35	21.32	21.25	22.4
15	64QAM	36	20	21.43	21.34	21.28	
15	64QAM	36	39	21.38	21.27	21.29	
15	64QAM	75	0	21.40	21.27	21.30	
15	256QAM	1	0	19.17	19.36	19.42	20.4
15	256QAM	1	37	19.12	19.20	19.06	
15	256QAM	1	74	19.11	19.22	19.00	
15	256QAM	36	0	19.44	19.59	19.47	20.4
15	256QAM	36	20	19.53	19.55	19.46	
15	256QAM	36	39	19.42	19.41	19.32	
15	256QAM	75	0	19.44	19.46	19.28	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.90	21.86	21.84	23.4
10	QPSK	1	25	21.99	21.84	21.80	
10	QPSK	1	49	21.90	21.87	21.77	
10	QPSK	25	0	22.01	21.92	21.90	23.4
10	QPSK	25	12	22.07	21.90	21.84	
10	QPSK	25	25	21.96	21.94	21.87	
10	QPSK	50	0	22.04	21.91	21.88	
10	16QAM	1	0	22.04	21.92	22.01	23.4
10	16QAM	1	25	22.02	21.93	21.86	
10	16QAM	1	49	22.03	21.88	21.86	
10	16QAM	25	0	22.03	21.92	21.90	23.4
10	16QAM	25	12	22.00	21.90	21.90	
10	16QAM	25	25	22.02	21.88	21.86	
10	16QAM	50	0	21.98	21.97	21.92	
10	64QAM	1	0	21.89	21.75	21.76	23.4
10	64QAM	1	25	21.77	21.81	21.67	
10	64QAM	1	49	21.81	21.73	21.68	
10	64QAM	25	0	21.44	21.37	21.33	22.4
10	64QAM	25	12	21.46	21.36	21.27	
10	64QAM	25	25	21.37	21.37	21.23	
10	64QAM	50	0	21.39	21.33	21.31	
10	256QAM	1	0	19.20	19.37	19.43	20.4
10	256QAM	1	25	19.08	19.22	19.06	
10	256QAM	1	49	19.04	19.24	18.98	
10	256QAM	25	0	19.50	19.61	19.43	20.4
10	256QAM	25	12	19.55	19.58	19.41	
10	256QAM	25	25	19.46	19.43	19.42	
10	256QAM	50	0	19.47	19.41	19.34	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.98	21.94	21.87	23.4
5	QPSK	1	12	21.94	21.82	21.77	
5	QPSK	1	24	21.94	21.91	21.75	
5	QPSK	12	0	22.04	21.92	21.82	23.4
5	QPSK	12	7	22.05	21.92	21.90	
5	QPSK	12	13	21.97	21.90	21.88	
5	QPSK	25	0	22.03	21.88	21.90	
5	16QAM	1	0	22.07	21.92	21.93	23.4
5	16QAM	1	12	22.02	21.92	21.91	
5	16QAM	1	24	22.05	21.95	21.90	
5	16QAM	12	0	21.96	21.92	21.89	23.4
5	16QAM	12	7	22.00	21.95	21.90	
5	16QAM	12	13	22.00	21.96	21.86	
5	16QAM	25	0	21.96	21.97	21.91	
5	64QAM	1	0	21.79	21.79	21.72	23.4
5	64QAM	1	12	21.83	21.71	21.64	
5	64QAM	1	24	21.86	21.81	21.70	
5	64QAM	12	0	21.40	21.32	21.25	22.4
5	64QAM	12	7	21.39	21.30	21.30	
5	64QAM	12	13	21.39	21.30	21.26	
5	64QAM	25	0	21.40	21.30	21.30	
5	256QAM	1	0	19.19	19.40	19.45	20.4
5	256QAM	1	12	19.12	19.21	19.07	
5	256QAM	1	24	19.08	19.22	18.91	
5	256QAM	12	0	19.51	19.59	19.49	20.4
5	256QAM	12	7	19.48	19.49	19.39	
5	256QAM	12	13	19.39	19.47	19.35	
5	256QAM	25	0	19.40	19.47	19.33	

Band 38 PC2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.59	23.57	23.46	25
20	QPSK	1	49	23.61	23.54	23.41	
20	QPSK	1	99	23.59	23.51	23.42	
20	QPSK	50	0	23.44	23.38	23.34	25
20	QPSK	50	24	23.45	23.39	23.33	
20	QPSK	50	50	23.44	23.37	23.27	
20	QPSK	100	0	23.45	23.39	23.32	
20	16QAM	1	0	23.71	23.66	23.61	25
20	16QAM	1	49	23.56	23.69	23.81	
20	16QAM	1	99	23.68	23.97	23.59	
20	16QAM	50	0	22.45	22.39	22.31	25
20	16QAM	50	24	22.44	22.39	22.33	
20	16QAM	50	50	22.44	22.38	22.29	
20	16QAM	100	0	22.47	22.41	22.33	
20	64QAM	1	0	22.59	22.52	22.52	25
20	64QAM	1	49	22.68	22.50	22.29	
20	64QAM	1	99	22.57	22.38	22.51	
20	64QAM	50	0	21.43	21.40	21.30	25
20	64QAM	50	24	21.44	21.40	21.33	
20	64QAM	50	50	21.44	21.38	21.30	
20	64QAM	100	0	21.47	21.41	21.33	
20	256QAM	1	0	19.61	19.58	19.46	25
20	256QAM	1	49	19.46	19.50	19.47	
20	256QAM	1	99	19.30	19.39	19.39	
20	256QAM	50	0	19.45	19.55	19.45	25
20	256QAM	50	24	19.43	19.53	19.45	
20	256QAM	50	50	19.46	19.46	19.36	
20	256QAM	100	0	19.38	19.47	19.39	
Channel				37625	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.58	23.50	23.43	25
15	QPSK	1	37	23.57	23.52	23.33	
15	QPSK	1	74	23.57	23.50	23.35	
15	QPSK	36	0	23.44	23.29	23.24	25
15	QPSK	36	20	23.44	23.30	23.33	
15	QPSK	36	39	23.43	23.37	23.27	
15	QPSK	75	0	23.40	23.29	23.28	
15	16QAM	1	0	23.71	23.63	23.56	25
15	16QAM	1	37	23.47	23.63	23.79	
15	16QAM	1	74	23.64	23.93	23.52	
15	16QAM	36	0	22.36	22.37	22.27	25
15	16QAM	36	20	22.38	22.32	22.32	
15	16QAM	36	39	22.34	22.37	22.26	
15	16QAM	75	0	22.37	22.41	22.30	
15	64QAM	1	0	22.51	22.47	22.46	25
15	64QAM	1	37	22.58	22.45	22.19	
15	64QAM	1	74	22.47	22.30	22.45	
15	64QAM	36	0	21.39	21.36	21.27	25
15	64QAM	36	20	21.37	21.34	21.28	
15	64QAM	36	39	21.36	21.37	21.26	
15	64QAM	75	0	21.46	21.40	21.31	
15	256QAM	1	0	19.51	19.48	19.38	25
15	256QAM	1	37	19.36	19.45	19.47	
15	256QAM	1	74	19.26	19.29	19.33	
15	256QAM	36	0	19.41	19.51	19.41	25
15	256QAM	36	20	19.36	19.53	19.43	
15	256QAM	36	39	19.42	19.41	19.29	
15	256QAM	75	0	19.37	19.45	19.35	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.59	23.49	23.43	25
10	QPSK	1	25	23.58	23.51	23.39	
10	QPSK	1	49	23.59	23.51	23.40	
10	QPSK	25	0	23.44	23.33	23.32	25
10	QPSK	25	12	23.38	23.31	23.28	
10	QPSK	25	25	23.34	23.37	23.25	
10	QPSK	50	0	23.36	23.31	23.32	
10	16QAM	1	0	23.67	23.65	23.52	25
10	16QAM	1	25	23.47	23.63	23.79	
10	16QAM	1	49	23.60	23.88	23.58	
10	16QAM	25	0	22.37	22.39	22.24	25
10	16QAM	25	12	22.34	22.38	22.31	
10	16QAM	25	25	22.41	22.38	22.23	
10	16QAM	50	0	22.39	22.38	22.25	
10	64QAM	1	0	22.58	22.46	22.47	25
10	64QAM	1	25	22.67	22.41	22.26	
10	64QAM	1	49	22.51	22.38	22.42	
10	64QAM	25	0	21.41	21.36	21.22	25
10	64QAM	25	12	21.38	21.37	21.29	
10	64QAM	25	25	21.39	21.32	21.20	
10	64QAM	50	0	21.39	21.38	21.23	
10	256QAM	1	0	19.59	19.58	19.37	25
10	256QAM	1	25	19.40	19.46	19.40	
10	256QAM	1	49	19.28	19.38	19.29	
10	256QAM	25	0	19.42	19.48	19.38	25
10	256QAM	25	12	19.39	19.45	19.40	
10	256QAM	25	25	19.39	19.38	19.32	
10	256QAM	50	0	19.29	19.37	19.38	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.58	23.50	23.42	25
5	QPSK	1	12	23.55	23.46	23.33	
5	QPSK	1	24	23.57	23.48	23.39	
5	QPSK	12	0	23.36	23.34	23.27	25
5	QPSK	12	7	23.42	23.38	23.31	
5	QPSK	12	13	23.40	23.36	23.17	
5	QPSK	25	0	23.35	23.38	23.27	
5	16QAM	1	0	23.64	23.59	23.51	25
5	16QAM	1	12	23.48	23.66	23.81	
5	16QAM	1	24	23.68	23.93	23.51	
5	16QAM	12	0	22.38	22.33	22.23	25
5	16QAM	12	7	22.37	22.34	22.31	
5	16QAM	12	13	22.44	22.37	22.21	
5	16QAM	25	0	22.47	22.38	22.26	
5	64QAM	1	0	22.52	22.45	22.45	25
5	64QAM	1	12	22.59	22.43	22.28	
5	64QAM	1	24	22.54	22.28	22.47	
5	64QAM	12	0	21.36	21.34	21.22	25
5	64QAM	12	7	21.37	21.39	21.24	
5	64QAM	12	13	21.35	21.36	21.30	
5	64QAM	25	0	21.38	21.38	21.25	
5	256QAM	1	0	19.60	19.55	19.42	25
5	256QAM	1	12	19.37	19.46	19.40	
5	256QAM	1	24	19.27	19.29	19.33	
5	256QAM	12	0	19.36	19.48	19.35	25
5	256QAM	12	7	19.39	19.49	19.39	
5	256QAM	12	13	19.46	19.38	19.36	
5	256QAM	25	0	19.35	19.42	19.34	

Band 41 PC3_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.83	21.90	21.89	21.68	21.69	23.4
20	QPSK	1	49	21.82	21.88	21.85	21.66	21.65	
20	QPSK	1	99	21.81	21.88	21.84	21.64	21.64	
20	QPSK	50	0	21.89	21.95	21.93	21.72	21.86	23.4
20	QPSK	50	24	21.90	22.00	21.94	21.74	21.99	
20	QPSK	50	50	21.85	21.95	21.90	21.72	21.85	
20	QPSK	100	0	21.87	21.94	21.91	21.70	21.73	
20	16QAM	1	0	21.95	21.96	21.93	21.74	21.86	23.4
20	16QAM	1	49	21.87	21.83	21.85	21.71	21.75	
20	16QAM	1	99	21.96	21.91	21.91	21.75	21.80	
20	16QAM	50	0	21.77	21.84	21.83	21.65	21.62	23.4
20	16QAM	50	24	21.79	21.86	21.82	21.65	21.63	
20	16QAM	50	50	21.76	21.84	21.81	21.62	21.61	
20	16QAM	100	0	21.76	21.85	21.80	21.64	21.61	
20	64QAM	1	0	21.71	21.80	21.71	21.46	21.53	23.4
20	64QAM	1	49	21.67	21.75	21.68	21.40	21.51	
20	64QAM	1	99	21.74	21.76	21.74	21.44	21.51	
20	64QAM	50	0	21.28	21.36	21.35	21.16	21.13	22.4
20	64QAM	50	24	21.32	21.40	21.34	21.15	21.16	
20	64QAM	50	50	21.31	21.39	21.32	21.13	21.17	
20	64QAM	100	0	21.26	21.34	21.30	21.11	21.14	
20	256QAM	1	0	19.24	19.01	19.21	18.98	18.94	20.4
20	256QAM	1	49	19.11	18.91	19.06	18.78	18.92	
20	256QAM	1	99	19.03	18.93	18.96	18.69	19.01	
20	256QAM	50	0	19.44	19.35	19.42	19.17	19.21	20.4
20	256QAM	50	24	19.41	19.27	19.42	19.17	19.16	
20	256QAM	50	50	19.40	19.32	19.35	19.06	19.20	
20	256QAM	100	0	19.39	19.21	19.23	19.11	19.11	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.83	21.83	21.83	21.63	21.63	23.40
15	QPSK	1	37	21.76	21.79	21.75	21.61	21.68	
15	QPSK	1	74	21.71	21.87	21.82	21.63	21.61	
15	QPSK	36	0	21.82	21.88	21.84	21.69	21.71	23.4
15	QPSK	36	20	21.87	21.90	21.94	21.69	21.71	
15	QPSK	36	39	21.85	21.93	21.81	21.72	21.70	
15	QPSK	75	0	21.85	21.91	21.88	21.66	21.67	
15	16QAM	1	0	21.89	21.94	21.92	21.64	21.82	23.4
15	16QAM	1	37	21.86	21.77	21.80	21.68	21.73	
15	16QAM	1	74	21.95	21.88	21.90	21.75	21.73	
15	16QAM	36	0	21.72	21.84	21.73	21.61	21.60	23.4
15	16QAM	36	20	21.79	21.82	21.75	21.63	21.59	
15	16QAM	36	39	21.66	21.79	21.73	21.57	21.56	
15	16QAM	75	0	21.72	21.78	21.71	21.63	21.55	
15	64QAM	1	0	21.65	21.73	21.63	21.49	21.43	23.4
15	64QAM	1	37	21.67	21.72	21.58	21.45	21.47	
15	64QAM	1	74	21.70	21.72	21.69	21.45	21.44	
15	64QAM	36	0	21.20	21.35	21.29	21.07	21.06	22.4
15	64QAM	36	20	21.32	21.36	21.33	21.09	21.12	
15	64QAM	36	39	21.28	21.36	21.23	21.06	21.14	
15	64QAM	75	0	21.23	21.27	21.22	21.09	21.05	
15	256QAM	1	0	19.18	18.97	19.14	18.93	18.86	20.4
15	256QAM	1	37	19.09	18.91	19.05	18.69	18.91	
15	256QAM	1	74	18.93	18.84	18.91	18.59	18.92	
15	256QAM	36	0	19.40	19.29	19.37	19.16	19.14	20.4
15	256QAM	36	20	19.39	19.17	19.40	19.09	19.11	
15	256QAM	36	39	19.38	19.28	19.33	18.97	19.11	
15	256QAM	75	0	19.35	19.14	19.17	19.09	19.08	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.81	21.88	21.87	21.63	21.65	23.40
10	QPSK	1	25	21.76	21.79	21.75	21.61	21.66	
10	QPSK	1	49	21.76	21.82	21.84	21.57	21.69	
10	QPSK	25	0	21.89	21.86	21.93	21.67	21.65	23.4
10	QPSK	25	12	21.90	21.95	21.93	21.71	21.71	
10	QPSK	25	25	21.78	21.86	21.83	21.65	21.65	
10	QPSK	50	0	21.81	21.84	21.91	21.61	21.68	
10	16QAM	1	0	21.91	21.96	21.89	21.71	21.85	23.4
10	16QAM	1	25	21.83	21.74	21.78	21.67	21.72	
10	16QAM	1	49	21.90	21.84	21.82	21.65	21.77	
10	16QAM	25	0	21.76	21.77	21.82	21.60	21.59	23.4
10	16QAM	25	12	21.75	21.86	21.77	21.61	21.61	
10	16QAM	25	25	21.69	21.83	21.74	21.54	21.60	
10	16QAM	50	0	21.71	21.83	21.74	21.64	21.56	
10	64QAM	1	0	21.61	21.71	21.71	21.45	21.47	23.4
10	64QAM	1	25	21.58	21.66	21.67	21.49	21.42	
10	64QAM	1	49	21.70	21.69	21.66	21.49	21.48	
10	64QAM	25	0	21.18	21.34	21.29	21.11	21.03	22.4
10	64QAM	25	12	21.28	21.31	21.25	21.11	21.06	
10	64QAM	25	25	21.26	21.37	21.31	21.05	21.17	
10	64QAM	50	0	21.21	21.25	21.24	21.08	21.07	
10	256QAM	1	0	19.21	18.95	19.18	18.98	18.85	20.4
10	256QAM	1	25	19.11	18.91	19.03	18.70	18.90	
10	256QAM	1	49	19.03	18.89	18.87	18.68	18.97	
10	256QAM	25	0	19.38	19.35	19.40	19.16	19.13	20.4
10	256QAM	25	12	19.37	19.27	19.33	19.14	19.16	
10	256QAM	25	25	19.38	19.29	19.30	19.05	19.10	
10	256QAM	50	0	19.34	19.20	19.18	19.11	19.05	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	21.81	21.86	21.79	21.60	21.62	23.40
5	QPSK	1	12	21.77	21.86	21.80	21.65	21.69	
5	QPSK	1	24	21.79	21.87	21.74	21.56	21.63	
5	QPSK	12	0	21.88	21.86	21.92	21.63	21.65	23.4
5	QPSK	12	7	21.86	21.95	21.90	21.70	21.70	
5	QPSK	12	13	21.76	21.92	21.82	21.65	21.71	
5	QPSK	25	0	21.85	21.89	21.91	21.65	21.71	
5	16QAM	1	0	21.89	21.91	21.92	21.70	21.81	23.4
5	16QAM	1	12	21.86	21.78	21.75	21.69	21.73	
5	16QAM	1	24	21.89	21.90	21.86	21.71	21.80	
5	16QAM	12	0	21.69	21.81	21.77	21.61	21.61	23.4
5	16QAM	12	7	21.72	21.84	21.76	21.63	21.56	
5	16QAM	12	13	21.72	21.82	21.75	21.60	21.58	
5	16QAM	25	0	21.66	21.82	21.74	21.61	21.55	
5	64QAM	1	0	21.66	21.78	21.64	21.46	21.51	23.4
5	64QAM	1	12	21.60	21.70	21.62	21.40	21.50	
5	64QAM	1	24	21.70	21.75	21.73	21.41	21.49	
5	64QAM	12	0	21.20	21.31	21.35	21.11	21.04	22.4
5	64QAM	12	7	21.27	21.40	21.27	21.10	21.06	
5	64QAM	12	13	21.26	21.31	21.25	21.09	21.17	
5	64QAM	25	0	21.21	21.27	21.27	21.03	21.07	
5	256QAM	1	0	19.24	18.92	19.11	18.92	18.93	20.4
5	256QAM	1	12	19.03	18.86	18.96	18.78	18.86	
5	256QAM	1	24	18.97	18.92	18.94	18.59	18.99	
5	256QAM	12	0	19.34	19.29	19.34	19.10	19.20	20.4
5	256QAM	12	7	19.40	19.19	19.32	19.17	19.13	
5	256QAM	12	13	19.35	19.28	19.34	18.96	19.10	
5	256QAM	25	0	19.30	19.15	19.14	19.03	19.04	

Band 41 PC2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.39	23.49	23.51	23.31	23.32	25
20	QPSK	1	49	23.32	23.43	23.42	23.32	23.23	
20	QPSK	1	99	23.38	23.49	23.47	23.27	23.29	
20	QPSK	50	0	22.31	22.34	22.37	22.12	22.14	24
20	QPSK	50	24	22.30	22.36	22.35	22.16	22.16	
20	QPSK	50	50	22.28	22.40	22.33	22.13	22.15	
20	QPSK	100	0	22.31	22.40	22.36	22.15	22.20	
20	16QAM	1	0	23.47	23.67	23.59	23.74	23.42	25
20	16QAM	1	49	23.27	23.83	23.47	23.22	23.26	
20	16QAM	1	99	23.44	23.90	23.54	23.31	23.67	
20	16QAM	50	0	21.79	21.86	21.86	21.62	21.65	23
20	16QAM	50	24	21.80	21.88	21.87	21.64	21.69	
20	16QAM	50	50	21.79	21.91	21.86	21.64	21.66	
20	16QAM	100	0	21.80	21.90	21.88	21.68	21.71	
20	64QAM	1	0	22.34	22.54	22.48	22.26	22.28	24
20	64QAM	1	49	22.40	22.41	22.29	22.07	22.13	
20	64QAM	1	99	22.37	22.49	22.39	22.22	22.21	
20	64QAM	50	0	21.29	21.37	21.36	21.18	21.18	23
20	64QAM	50	24	21.29	21.38	21.36	21.16	21.19	
20	64QAM	50	50	21.30	21.38	21.35	21.15	21.18	
20	64QAM	100	0	21.32	21.39	21.33	21.16	21.18	
20	256QAM	1	0	19.50	19.47	19.46	19.33	19.34	20.5
20	256QAM	1	49	19.29	19.25	19.25	19.31	19.31	
20	256QAM	1	99	19.22	19.19	19.26	19.21	19.14	
20	256QAM	50	0	18.78	18.88	18.58	18.83	18.81	20.5
20	256QAM	50	24	18.79	18.76	18.55	18.81	18.84	
20	256QAM	50	50	18.71	18.70	18.59	18.74	18.79	
20	256QAM	100	0	18.71	18.72	18.55	18.65	18.75	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.35	23.46	23.48	23.24	23.32	25.00
15	QPSK	1	37	23.28	23.35	23.32	23.26	23.22	
15	QPSK	1	74	23.30	23.47	23.41	23.20	23.26	
15	QPSK	36	0	22.22	22.28	22.32	22.03	22.13	24
15	QPSK	36	20	22.26	22.34	22.34	22.12	22.12	
15	QPSK	36	39	22.27	22.37	22.33	22.07	22.07	
15	QPSK	75	0	22.23	22.30	22.28	22.15	22.16	
15	16QAM	1	0	23.42	23.66	23.52	23.68	23.41	25
15	16QAM	1	37	23.17	23.80	23.43	23.18	23.26	
15	16QAM	1	74	23.39	23.86	23.52	23.29	23.57	
15	16QAM	36	0	21.72	21.84	21.86	21.62	21.56	23
15	16QAM	36	20	21.74	21.84	21.82	21.61	21.66	
15	16QAM	36	39	21.73	21.90	21.81	21.62	21.62	
15	16QAM	75	0	21.80	21.86	21.86	21.63	21.70	
15	64QAM	1	0	22.34	22.54	22.45	22.26	22.21	24
15	64QAM	1	37	22.38	22.34	22.19	22.05	22.09	
15	64QAM	1	74	22.32	22.40	22.29	22.17	22.21	
15	64QAM	36	0	21.25	21.28	21.28	21.17	21.15	23
15	64QAM	36	20	21.21	21.35	21.31	21.07	21.18	
15	64QAM	36	39	21.20	21.29	21.35	21.13	21.10	
15	64QAM	75	0	21.27	21.37	21.25	21.12	21.15	
15	256QAM	1	0	19.40	19.47	19.40	19.24	19.29	20.5
15	256QAM	1	37	19.24	19.24	19.17	19.26	19.24	
15	256QAM	1	74	19.14	19.09	19.22	19.19	19.10	
15	256QAM	36	0	18.75	18.84	18.59	18.74	18.74	20.5
15	256QAM	36	20	18.73	18.75	18.57	18.74	18.79	
15	256QAM	36	39	18.63	18.67	18.57	18.64	18.77	
15	256QAM	75	0	18.64	18.62	18.55	18.62	18.70	
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.32	23.39	23.49	23.29	23.30	25.00
10	QPSK	1	25	23.28	23.35	23.38	23.32	23.14	
10	QPSK	1	49	23.28	23.40	23.46	23.20	23.24	
10	QPSK	25	0	22.26	22.31	22.28	22.10	22.07	24
10	QPSK	25	12	22.21	22.29	22.32	22.16	22.08	
10	QPSK	25	25	22.21	22.35	22.26	22.09	22.11	
10	QPSK	50	0	22.30	22.36	22.27	22.14	22.12	
10	16QAM	1	0	23.43	23.67	23.49	23.64	23.36	25
10	16QAM	1	25	23.19	23.76	23.45	23.20	23.21	
10	16QAM	1	49	23.36	23.80	23.49	23.24	23.57	
10	16QAM	25	0	21.75	21.81	21.82	21.53	21.61	23
10	16QAM	25	12	21.70	21.83	21.79	21.63	21.65	
10	16QAM	25	25	21.79	21.86	21.83	21.63	21.57	
10	16QAM	50	0	21.70	21.89	21.85	21.66	21.64	
10	64QAM	1	0	22.26	22.45	22.48	22.22	22.28	24
10	64QAM	1	25	22.38	22.32	22.24	22.05	22.03	
10	64QAM	1	49	22.34	22.47	22.33	22.18	22.17	
10	64QAM	25	0	21.19	21.34	21.32	21.08	21.10	23
10	64QAM	25	12	21.20	21.29	21.32	21.10	21.16	
10	64QAM	25	25	21.27	21.35	21.26	21.14	21.16	
10	64QAM	50	0	21.28	21.29	21.28	21.06	21.12	
10	256QAM	1	0	19.42	19.43	19.41	19.32	19.30	20.5
10	256QAM	1	25	19.27	19.21	19.23	19.24	19.27	
10	256QAM	1	49	19.22	19.17	19.21	19.17	19.09	
10	256QAM	25	0	18.72	18.82	18.57	18.80	18.79	20.5
10	256QAM	25	12	18.71	18.66	18.57	18.71	18.74	
10	256QAM	25	25	18.71	18.61	18.57	18.70	18.78	
10	256QAM	50	0	18.65	18.67	18.53	18.60	18.72	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.33	23.47	23.51	23.25	23.28	25.00
5	QPSK	1	12	23.29	23.43	23.38	23.26	23.21	
5	QPSK	1	24	23.29	23.40	23.43	23.27	23.21	
5	QPSK	12	0	22.23	22.27	22.32	22.04	22.04	24
5	QPSK	12	7	22.23	22.36	22.26	22.15	22.10	
5	QPSK	12	13	22.22	22.37	22.32	22.04	22.10	
5	QPSK	25	0	22.29	22.37	22.27	22.05	22.14	
5	16QAM	1	0	23.44	23.64	23.51	23.66	23.34	25
5	16QAM	1	12	23.21	23.83	23.40	23.14	23.22	
5	16QAM	1	24	23.40	23.81	23.54	23.29	23.61	
5	16QAM	12	0	21.78	21.77	21.77	21.57	21.63	23
5	16QAM	12	7	21.77	21.78	21.83	21.57	21.64	
5	16QAM	12	13	21.71	21.81	21.86	21.63	21.61	
5	16QAM	25	0	21.74	21.87	21.82	21.66	21.61	
5	64QAM	1	0	22.33	22.44	22.45	22.25	22.18	24
5	64QAM	1	12	22.40	22.36	22.28	22.01	22.10	
5	64QAM	1	24	22.37	22.49	22.32	22.13	22.16	
5	64QAM	12	0	21.24	21.30	21.29	21.14	21.14	23
5	64QAM	12	7	21.28	21.35	21.36	21.08	21.11	
5	64QAM	12	13	21.23	21.30	21.32	21.08	21.15	
5	64QAM	25	0	21.23	21.39	21.27	21.11	21.08	
5	256QAM	1	0	19.41	19.38	19.44	19.31	19.28	20.5
5	256QAM	1	12	19.28	19.18	19.18	19.21	19.23	
5	256QAM	1	24	19.18	19.18	19.18	19.11	19.13	
5	256QAM	12	0	18.75	18.87	18.58	18.75	18.72	20.5
5	256QAM	12	7	18.75	18.70	18.50	18.78	18.81	
5	256QAM	12	13	18.63	18.68	18.51	18.68	18.74	
5	256QAM	25	0	18.64	18.71	18.51	18.62	18.66	

Band 38 PC3_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.00	21.95	21.89	23.4
20	QPSK	1	49	21.99	21.90	21.83	
20	QPSK	1	99	22.00	21.93	21.85	
20	QPSK	50	0	22.06	21.99	21.92	23.4
20	QPSK	50	24	22.07	21.97	21.94	
20	QPSK	50	50	22.06	21.95	21.90	
20	QPSK	100	0	22.07	21.97	21.92	
20	16QAM	1	0	22.10	22.01	22.01	23.4
20	16QAM	1	49	22.04	21.95	21.94	
20	16QAM	1	99	22.10	21.97	21.96	
20	16QAM	50	0	22.05	22.00	21.94	23.4
20	16QAM	50	24	22.04	21.99	21.93	
20	16QAM	50	50	22.04	21.97	21.92	
20	16QAM	100	0	22.06	21.99	21.95	
20	64QAM	1	0	21.89	21.85	21.77	23.4
20	64QAM	1	49	21.87	21.81	21.74	
20	64QAM	1	99	21.91	21.82	21.77	
20	64QAM	50	0	21.44	21.37	21.33	22.4
20	64QAM	50	24	21.46	21.39	21.35	
20	64QAM	50	50	21.44	21.37	21.33	
20	64QAM	100	0	21.46	21.37	21.32	
20	256QAM	1	0	19.25	19.41	19.46	20.4
20	256QAM	1	49	19.16	19.22	19.15	
20	256QAM	1	99	19.13	19.24	19.01	
20	256QAM	50	0	19.51	19.61	19.50	20.4
20	256QAM	50	24	19.56	19.59	19.46	
20	256QAM	50	50	19.49	19.51	19.42	
20	256QAM	100	0	19.48	19.51	19.36	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.91	21.87	21.83	23.4
15	QPSK	1	37	21.93	21.84	21.77	
15	QPSK	1	74	21.94	21.83	21.79	
15	QPSK	36	0	22.05	21.91	21.85	23.4
15	QPSK	36	20	21.99	21.88	21.87	
15	QPSK	36	39	22.06	21.94	21.89	
15	QPSK	75	0	22.03	21.91	21.86	
15	16QAM	1	0	22.05	21.94	21.95	23.4
15	16QAM	1	37	22.04	21.93	21.84	
15	16QAM	1	74	22.00	21.90	21.91	
15	16QAM	36	0	22.04	21.97	21.90	23.4
15	16QAM	36	20	21.95	21.94	21.84	
15	16QAM	36	39	21.98	21.89	21.85	
15	16QAM	75	0	22.04	21.97	21.90	
15	64QAM	1	0	21.84	21.84	21.71	23.4
15	64QAM	1	37	21.81	21.79	21.64	
15	64QAM	1	74	21.89	21.79	21.75	
15	64QAM	36	0	21.35	21.32	21.25	22.4
15	64QAM	36	20	21.43	21.34	21.28	
15	64QAM	36	39	21.38	21.27	21.29	
15	64QAM	75	0	21.40	21.27	21.30	
15	256QAM	1	0	19.17	19.36	19.42	20.4
15	256QAM	1	37	19.12	19.20	19.06	
15	256QAM	1	74	19.11	19.22	19.00	
15	256QAM	36	0	19.44	19.59	19.47	20.4
15	256QAM	36	20	19.53	19.55	19.46	
15	256QAM	36	39	19.42	19.41	19.32	
15	256QAM	75	0	19.44	19.46	19.28	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.90	21.86	21.84	23.4
10	QPSK	1	25	21.99	21.84	21.80	
10	QPSK	1	49	21.90	21.87	21.77	
10	QPSK	25	0	22.01	21.92	21.90	23.4
10	QPSK	25	12	22.07	21.90	21.84	
10	QPSK	25	25	21.96	21.94	21.87	
10	QPSK	50	0	22.04	21.91	21.88	
10	16QAM	1	0	22.04	21.92	22.01	23.4
10	16QAM	1	25	22.02	21.93	21.86	
10	16QAM	1	49	22.03	21.88	21.86	
10	16QAM	25	0	22.03	21.92	21.90	23.4
10	16QAM	25	12	22.00	21.90	21.90	
10	16QAM	25	25	22.02	21.88	21.86	
10	16QAM	50	0	21.98	21.97	21.92	
10	64QAM	1	0	21.89	21.75	21.76	23.4
10	64QAM	1	25	21.77	21.81	21.67	
10	64QAM	1	49	21.81	21.73	21.68	
10	64QAM	25	0	21.44	21.37	21.33	22.4
10	64QAM	25	12	21.46	21.36	21.27	
10	64QAM	25	25	21.37	21.37	21.23	
10	64QAM	50	0	21.39	21.33	21.31	
10	256QAM	1	0	19.20	19.37	19.43	20.4
10	256QAM	1	25	19.08	19.22	19.06	
10	256QAM	1	49	19.04	19.24	18.98	
10	256QAM	25	0	19.50	19.61	19.43	20.4
10	256QAM	25	12	19.55	19.58	19.41	
10	256QAM	25	25	19.46	19.43	19.42	
10	256QAM	50	0	19.47	19.41	19.34	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.98	21.94	21.87	23.4
5	QPSK	1	12	21.94	21.82	21.77	
5	QPSK	1	24	21.94	21.91	21.75	
5	QPSK	12	0	22.04	21.92	21.82	23.4
5	QPSK	12	7	22.05	21.92	21.90	
5	QPSK	12	13	21.97	21.90	21.88	
5	QPSK	25	0	22.03	21.88	21.90	
5	16QAM	1	0	22.07	21.92	21.93	23.4
5	16QAM	1	12	22.02	21.92	21.91	
5	16QAM	1	24	22.05	21.95	21.90	
5	16QAM	12	0	21.96	21.92	21.89	23.4
5	16QAM	12	7	22.00	21.95	21.90	
5	16QAM	12	13	22.00	21.96	21.86	
5	16QAM	25	0	21.96	21.97	21.91	
5	64QAM	1	0	21.79	21.79	21.72	23.4
5	64QAM	1	12	21.83	21.71	21.64	
5	64QAM	1	24	21.86	21.81	21.70	
5	64QAM	12	0	21.40	21.32	21.25	22.4
5	64QAM	12	7	21.39	21.30	21.30	
5	64QAM	12	13	21.39	21.30	21.26	
5	64QAM	25	0	21.40	21.30	21.30	
5	256QAM	1	0	19.19	19.40	19.45	20.4
5	256QAM	1	12	19.12	19.21	19.07	
5	256QAM	1	24	19.08	19.22	18.91	
5	256QAM	12	0	19.51	19.59	19.49	20.4
5	256QAM	12	7	19.48	19.49	19.39	
5	256QAM	12	13	19.39	19.47	19.35	
5	256QAM	25	0	19.40	19.47	19.33	

Band 38 PC2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.59	23.57	23.46	25
20	QPSK	1	49	23.61	23.54	23.41	
20	QPSK	1	99	23.59	23.51	23.42	
20	QPSK	50	0	23.44	23.38	23.34	25
20	QPSK	50	24	23.45	23.39	23.33	
20	QPSK	50	50	23.44	23.37	23.27	
20	QPSK	100	0	23.45	23.39	23.32	
20	16QAM	1	0	23.71	23.66	23.61	25
20	16QAM	1	49	23.56	23.69	23.81	
20	16QAM	1	99	23.68	23.97	23.59	
20	16QAM	50	0	22.45	22.39	22.31	25
20	16QAM	50	24	22.44	22.39	22.33	
20	16QAM	50	50	22.44	22.38	22.29	
20	16QAM	100	0	22.47	22.41	22.33	
20	64QAM	1	0	22.59	22.52	22.52	25
20	64QAM	1	49	22.68	22.50	22.29	
20	64QAM	1	99	22.57	22.38	22.51	
20	64QAM	50	0	21.43	21.40	21.30	25
20	64QAM	50	24	21.44	21.40	21.33	
20	64QAM	50	50	21.44	21.38	21.30	
20	64QAM	100	0	21.47	21.41	21.33	
20	256QAM	1	0	19.61	19.58	19.46	25
20	256QAM	1	49	19.46	19.50	19.47	
20	256QAM	1	99	19.30	19.39	19.39	
20	256QAM	50	0	19.45	19.55	19.45	25
20	256QAM	50	24	19.43	19.53	19.45	
20	256QAM	50	50	19.46	19.46	19.36	
20	256QAM	100	0	19.38	19.47	19.39	
Channel				37625	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.58	23.50	23.43	25
15	QPSK	1	37	23.57	23.52	23.33	
15	QPSK	1	74	23.57	23.50	23.35	
15	QPSK	36	0	23.44	23.29	23.24	25
15	QPSK	36	20	23.44	23.30	23.33	
15	QPSK	36	39	23.43	23.37	23.27	
15	QPSK	75	0	23.40	23.29	23.28	
15	16QAM	1	0	23.71	23.63	23.56	25
15	16QAM	1	37	23.47	23.63	23.79	
15	16QAM	1	74	23.64	23.93	23.52	
15	16QAM	36	0	22.36	22.37	22.27	25
15	16QAM	36	20	22.38	22.32	22.32	
15	16QAM	36	39	22.34	22.37	22.26	
15	16QAM	75	0	22.37	22.41	22.30	
15	64QAM	1	0	22.51	22.47	22.46	25
15	64QAM	1	37	22.58	22.45	22.19	
15	64QAM	1	74	22.47	22.30	22.45	
15	64QAM	36	0	21.39	21.36	21.27	25
15	64QAM	36	20	21.37	21.34	21.28	
15	64QAM	36	39	21.36	21.37	21.26	
15	64QAM	75	0	21.46	21.40	21.31	
15	256QAM	1	0	19.51	19.48	19.38	25
15	256QAM	1	37	19.36	19.45	19.47	
15	256QAM	1	74	19.26	19.29	19.33	
15	256QAM	36	0	19.41	19.51	19.41	25
15	256QAM	36	20	19.36	19.53	19.43	
15	256QAM	36	39	19.42	19.41	19.29	
15	256QAM	75	0	19.37	19.45	19.35	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.59	23.49	23.43	25
10	QPSK	1	25	23.58	23.51	23.39	
10	QPSK	1	49	23.59	23.51	23.40	
10	QPSK	25	0	23.44	23.33	23.32	25
10	QPSK	25	12	23.38	23.31	23.28	
10	QPSK	25	25	23.34	23.37	23.25	
10	QPSK	50	0	23.36	23.31	23.32	
10	16QAM	1	0	23.67	23.65	23.52	25
10	16QAM	1	25	23.47	23.63	23.79	
10	16QAM	1	49	23.60	23.88	23.58	
10	16QAM	25	0	22.37	22.39	22.24	25
10	16QAM	25	12	22.34	22.38	22.31	
10	16QAM	25	25	22.41	22.38	22.23	
10	16QAM	50	0	22.39	22.38	22.25	
10	64QAM	1	0	22.58	22.46	22.47	25
10	64QAM	1	25	22.67	22.41	22.26	
10	64QAM	1	49	22.51	22.38	22.42	
10	64QAM	25	0	21.41	21.36	21.22	25
10	64QAM	25	12	21.38	21.37	21.29	
10	64QAM	25	25	21.39	21.32	21.20	
10	64QAM	50	0	21.39	21.38	21.23	
10	256QAM	1	0	19.59	19.58	19.37	25
10	256QAM	1	25	19.40	19.46	19.40	
10	256QAM	1	49	19.28	19.38	19.29	
10	256QAM	25	0	19.42	19.48	19.38	25
10	256QAM	25	12	19.39	19.45	19.40	
10	256QAM	25	25	19.39	19.38	19.32	
10	256QAM	50	0	19.29	19.37	19.38	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.58	23.50	23.42	25
5	QPSK	1	12	23.55	23.46	23.33	
5	QPSK	1	24	23.57	23.48	23.39	
5	QPSK	12	0	23.36	23.34	23.27	25
5	QPSK	12	7	23.42	23.38	23.31	
5	QPSK	12	13	23.40	23.36	23.17	
5	QPSK	25	0	23.35	23.38	23.27	
5	16QAM	1	0	23.64	23.59	23.51	25
5	16QAM	1	12	23.48	23.66	23.81	
5	16QAM	1	24	23.68	23.93	23.51	
5	16QAM	12	0	22.38	22.33	22.23	25
5	16QAM	12	7	22.37	22.34	22.31	
5	16QAM	12	13	22.44	22.37	22.21	
5	16QAM	25	0	22.47	22.38	22.26	
5	64QAM	1	0	22.52	22.45	22.45	25
5	64QAM	1	12	22.59	22.43	22.28	
5	64QAM	1	24	22.54	22.28	22.47	
5	64QAM	12	0	21.36	21.34	21.22	25
5	64QAM	12	7	21.37	21.39	21.24	
5	64QAM	12	13	21.35	21.36	21.30	
5	64QAM	25	0	21.38	21.38	21.25	
5	256QAM	1	0	19.60	19.55	19.42	25
5	256QAM	1	12	19.37	19.46	19.40	
5	256QAM	1	24	19.27	19.29	19.33	
5	256QAM	12	0	19.36	19.48	19.35	25
5	256QAM	12	7	19.39	19.49	19.39	
5	256QAM	12	13	19.46	19.38	19.36	
5	256QAM	25	0	19.35	19.42	19.34	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.83	21.90	21.89	21.68	21.69	23.4
20	QPSK	1	49	21.82	21.88	21.85	21.66	21.65	
20	QPSK	1	99	21.81	21.88	21.84	21.64	21.64	
20	QPSK	50	0	21.89	21.95	21.93	21.72	21.86	23.4
20	QPSK	50	24	21.90	22.00	21.94	21.74	21.99	
20	QPSK	50	50	21.85	21.95	21.90	21.72	21.85	
20	QPSK	100	0	21.87	21.94	21.91	21.70	21.73	
20	16QAM	1	0	21.95	21.96	21.93	21.74	21.86	23.4
20	16QAM	1	49	21.87	21.83	21.85	21.71	21.75	
20	16QAM	1	99	21.96	21.91	21.91	21.75	21.80	
20	16QAM	50	0	21.77	21.84	21.83	21.65	21.62	23.4
20	16QAM	50	24	21.79	21.86	21.82	21.65	21.63	
20	16QAM	50	50	21.76	21.84	21.81	21.62	21.61	
20	16QAM	100	0	21.76	21.85	21.80	21.64	21.61	
20	64QAM	1	0	21.71	21.80	21.71	21.46	21.53	23.4
20	64QAM	1	49	21.67	21.75	21.68	21.40	21.51	
20	64QAM	1	99	21.74	21.76	21.74	21.44	21.51	
20	64QAM	50	0	21.28	21.36	21.35	21.16	21.13	22.4
20	64QAM	50	24	21.32	21.40	21.34	21.15	21.16	
20	64QAM	50	50	21.31	21.39	21.32	21.13	21.17	
20	64QAM	100	0	21.26	21.34	21.30	21.11	21.14	
20	256QAM	1	0	19.24	19.01	19.21	18.98	18.94	20.4
20	256QAM	1	49	19.11	18.91	19.06	18.78	18.92	
20	256QAM	1	99	19.03	18.93	18.96	18.69	19.01	
20	256QAM	50	0	19.44	19.35	19.42	19.17	19.21	20.4
20	256QAM	50	24	19.41	19.27	19.42	19.17	19.16	
20	256QAM	50	50	19.40	19.32	19.35	19.06	19.20	
20	256QAM	100	0	19.39	19.21	19.23	19.11	19.11	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.83	21.83	21.83	21.63	21.63	23.40
15	QPSK	1	37	21.76	21.79	21.75	21.61	21.68	
15	QPSK	1	74	21.71	21.87	21.82	21.63	21.61	
15	QPSK	36	0	21.82	21.88	21.84	21.69	21.71	23.4
15	QPSK	36	20	21.87	21.90	21.94	21.69	21.71	
15	QPSK	36	39	21.85	21.93	21.81	21.72	21.70	
15	QPSK	75	0	21.85	21.91	21.88	21.66	21.67	
15	16QAM	1	0	21.89	21.94	21.92	21.64	21.82	23.4
15	16QAM	1	37	21.86	21.77	21.80	21.68	21.73	
15	16QAM	1	74	21.95	21.88	21.90	21.75	21.73	
15	16QAM	36	0	21.72	21.84	21.73	21.61	21.60	23.4
15	16QAM	36	20	21.79	21.82	21.75	21.63	21.59	
15	16QAM	36	39	21.66	21.79	21.73	21.57	21.56	
15	16QAM	75	0	21.72	21.78	21.71	21.63	21.55	
15	64QAM	1	0	21.65	21.73	21.63	21.49	21.43	23.4
15	64QAM	1	37	21.67	21.72	21.58	21.45	21.47	
15	64QAM	1	74	21.70	21.72	21.69	21.45	21.44	
15	64QAM	36	0	21.20	21.35	21.29	21.07	21.06	22.4
15	64QAM	36	20	21.32	21.36	21.33	21.09	21.12	
15	64QAM	36	39	21.28	21.36	21.23	21.06	21.14	
15	64QAM	75	0	21.23	21.27	21.22	21.09	21.05	
15	256QAM	1	0	19.18	18.97	19.14	18.93	18.86	20.4
15	256QAM	1	37	19.09	18.91	19.05	18.69	18.91	
15	256QAM	1	74	18.93	18.84	18.91	18.59	18.92	
15	256QAM	36	0	19.40	19.29	19.37	19.16	19.14	20.4
15	256QAM	36	20	19.39	19.17	19.40	19.09	19.11	
15	256QAM	36	39	19.38	19.28	19.33	18.97	19.11	
15	256QAM	75	0	19.35	19.14	19.17	19.09	19.08	
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.81	21.88	21.87	21.63	21.65	23.40
10	QPSK	1	25	21.76	21.79	21.75	21.61	21.66	
10	QPSK	1	49	21.76	21.82	21.84	21.57	21.69	
10	QPSK	25	0	21.89	21.86	21.93	21.67	21.65	23.4
10	QPSK	25	12	21.90	21.95	21.93	21.71	21.71	
10	QPSK	25	25	21.78	21.86	21.83	21.65	21.65	
10	QPSK	50	0	21.81	21.84	21.91	21.61	21.68	
10	16QAM	1	0	21.91	21.96	21.89	21.71	21.85	23.4
10	16QAM	1	25	21.83	21.74	21.78	21.67	21.72	
10	16QAM	1	49	21.90	21.84	21.82	21.65	21.77	
10	16QAM	25	0	21.76	21.77	21.82	21.60	21.59	23.4
10	16QAM	25	12	21.75	21.86	21.77	21.61	21.61	
10	16QAM	25	25	21.69	21.83	21.74	21.54	21.60	
10	16QAM	50	0	21.71	21.83	21.74	21.64	21.56	
10	64QAM	1	0	21.61	21.71	21.71	21.45	21.47	23.4
10	64QAM	1	25	21.58	21.66	21.67	21.49	21.42	
10	64QAM	1	49	21.70	21.69	21.66	21.49	21.48	
10	64QAM	25	0	21.18	21.34	21.29	21.11	21.03	22.4
10	64QAM	25	12	21.28	21.31	21.25	21.11	21.06	
10	64QAM	25	25	21.26	21.37	21.31	21.05	21.17	
10	64QAM	50	0	21.21	21.25	21.24	21.08	21.07	
10	256QAM	1	0	19.21	18.95	19.18	18.98	18.85	20.4
10	256QAM	1	25	19.11	18.91	19.03	18.70	18.90	
10	256QAM	1	49	19.03	18.89	18.87	18.68	18.97	
10	256QAM	25	0	19.38	19.35	19.40	19.16	19.13	20.4
10	256QAM	25	12	19.37	19.27	19.33	19.14	19.16	
10	256QAM	25	25	19.38	19.29	19.30	19.05	19.10	
10	256QAM	50	0	19.34	19.20	19.18	19.11	19.05	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	21.81	21.86	21.79	21.60	21.62	23.40
5	QPSK	1	12	21.77	21.86	21.80	21.65	21.69	
5	QPSK	1	24	21.79	21.87	21.74	21.56	21.63	
5	QPSK	12	0	21.88	21.86	21.92	21.63	21.65	23.4
5	QPSK	12	7	21.86	21.95	21.90	21.70	21.70	
5	QPSK	12	13	21.76	21.92	21.82	21.65	21.71	
5	QPSK	25	0	21.85	21.89	21.91	21.65	21.71	
5	16QAM	1	0	21.89	21.91	21.92	21.70	21.81	23.4
5	16QAM	1	12	21.86	21.78	21.75	21.69	21.73	
5	16QAM	1	24	21.89	21.90	21.86	21.71	21.80	
5	16QAM	12	0	21.69	21.81	21.77	21.61	21.61	23.4
5	16QAM	12	7	21.72	21.84	21.76	21.63	21.56	
5	16QAM	12	13	21.72	21.82	21.75	21.60	21.58	
5	16QAM	25	0	21.66	21.82	21.74	21.61	21.55	
5	64QAM	1	0	21.66	21.78	21.64	21.46	21.51	23.4
5	64QAM	1	12	21.60	21.70	21.62	21.40	21.50	
5	64QAM	1	24	21.70	21.75	21.73	21.41	21.49	
5	64QAM	12	0	21.20	21.31	21.35	21.11	21.04	22.4
5	64QAM	12	7	21.27	21.40	21.27	21.10	21.06	
5	64QAM	12	13	21.26	21.31	21.25	21.09	21.17	
5	64QAM	25	0	21.21	21.27	21.27	21.03	21.07	
5	256QAM	1	0	19.24	18.92	19.11	18.92	18.93	20.4
5	256QAM	1	12	19.03	18.86	18.96	18.78	18.86	
5	256QAM	1	24	18.97	18.92	18.94	18.59	18.99	
5	256QAM	12	0	19.34	19.29	19.34	19.10	19.20	20.4
5	256QAM	12	7	19.40	19.19	19.32	19.17	19.13	
5	256QAM	12	13	19.35	19.28	19.34	18.96	19.10	
5	256QAM	25	0	19.30	19.15	19.14	19.03	19.04	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.39	23.49	23.51	23.31	23.32	25
20	QPSK	1	49	23.32	23.43	23.42	23.32	23.23	
20	QPSK	1	99	23.38	23.49	23.47	23.27	23.29	
20	QPSK	50	0	22.31	22.34	22.37	22.12	22.14	24
20	QPSK	50	24	22.30	22.36	22.35	22.16	22.16	
20	QPSK	50	50	22.28	22.40	22.33	22.13	22.15	
20	QPSK	100	0	22.31	22.40	22.36	22.15	22.20	
20	16QAM	1	0	23.47	23.67	23.59	23.74	23.42	25
20	16QAM	1	49	23.27	23.83	23.47	23.22	23.26	
20	16QAM	1	99	23.44	23.90	23.54	23.31	23.67	
20	16QAM	50	0	21.79	21.86	21.86	21.62	21.65	23
20	16QAM	50	24	21.80	21.88	21.87	21.64	21.69	
20	16QAM	50	50	21.79	21.91	21.86	21.64	21.66	
20	16QAM	100	0	21.80	21.90	21.88	21.68	21.71	
20	64QAM	1	0	22.34	22.54	22.48	22.26	22.28	24
20	64QAM	1	49	22.40	22.41	22.29	22.07	22.13	
20	64QAM	1	99	22.37	22.49	22.39	22.22	22.21	
20	64QAM	50	0	21.29	21.37	21.36	21.18	21.18	23
20	64QAM	50	24	21.29	21.38	21.36	21.16	21.19	
20	64QAM	50	50	21.30	21.38	21.35	21.15	21.18	
20	64QAM	100	0	21.32	21.39	21.33	21.16	21.18	
20	256QAM	1	0	19.50	19.47	19.46	19.33	19.34	20.5
20	256QAM	1	49	19.29	19.25	19.25	19.31	19.31	
20	256QAM	1	99	19.22	19.19	19.26	19.21	19.14	
20	256QAM	50	0	18.78	18.88	18.58	18.83	18.81	20.5
20	256QAM	50	24	18.79	18.76	18.55	18.81	18.84	
20	256QAM	50	50	18.71	18.70	18.59	18.74	18.79	
20	256QAM	100	0	18.71	18.72	18.55	18.65	18.75	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.35	23.46	23.48	23.24	23.32	25.00
15	QPSK	1	37	23.28	23.35	23.32	23.26	23.22	
15	QPSK	1	74	23.30	23.47	23.41	23.20	23.26	
15	QPSK	36	0	22.22	22.28	22.32	22.03	22.13	24
15	QPSK	36	20	22.26	22.34	22.34	22.12	22.12	
15	QPSK	36	39	22.27	22.37	22.33	22.07	22.07	
15	QPSK	75	0	22.23	22.30	22.28	22.15	22.16	
15	16QAM	1	0	23.42	23.66	23.52	23.68	23.41	25
15	16QAM	1	37	23.17	23.80	23.43	23.18	23.26	
15	16QAM	1	74	23.39	23.86	23.52	23.29	23.57	
15	16QAM	36	0	21.72	21.84	21.86	21.62	21.56	23
15	16QAM	36	20	21.74	21.84	21.82	21.61	21.66	
15	16QAM	36	39	21.73	21.90	21.81	21.62	21.62	
15	16QAM	75	0	21.80	21.86	21.86	21.63	21.70	
15	64QAM	1	0	22.34	22.54	22.45	22.26	22.21	24
15	64QAM	1	37	22.38	22.34	22.19	22.05	22.09	
15	64QAM	1	74	22.32	22.40	22.29	22.17	22.21	
15	64QAM	36	0	21.25	21.28	21.28	21.17	21.15	23
15	64QAM	36	20	21.21	21.35	21.31	21.07	21.18	
15	64QAM	36	39	21.20	21.29	21.35	21.13	21.10	
15	64QAM	75	0	21.27	21.37	21.25	21.12	21.15	
15	256QAM	1	0	19.40	19.47	19.40	19.24	19.29	20.5
15	256QAM	1	37	19.24	19.24	19.17	19.26	19.24	
15	256QAM	1	74	19.14	19.09	19.22	19.19	19.10	
15	256QAM	36	0	18.75	18.84	18.59	18.74	18.74	20.5
15	256QAM	36	20	18.73	18.75	18.57	18.74	18.79	
15	256QAM	36	39	18.63	18.67	18.57	18.64	18.77	
15	256QAM	75	0	18.64	18.62	18.55	18.62	18.70	
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.32	23.39	23.49	23.29	23.30	25.00
10	QPSK	1	23	23.28	23.35	23.38	23.32	23.14	
10	QPSK	1	49	23.28	23.40	23.46	23.20	23.24	
10	QPSK	25	0	22.26	22.31	22.28	22.10	22.07	24
10	QPSK	25	12	22.21	22.29	22.32	22.16	22.08	
10	QPSK	25	25	22.21	22.35	22.26	22.09	22.11	
10	QPSK	50	0	22.30	22.36	22.27	22.14	22.12	
10	16QAM	1	0	23.43	23.67	23.49	23.64	23.36	25
10	16QAM	1	25	23.19	23.76	23.45	23.20	23.21	
10	16QAM	1	49	23.36	23.80	23.49	23.24	23.57	
10	16QAM	25	0	21.75	21.81	21.82	21.53	21.61	23
10	16QAM	25	12	21.70	21.83	21.79	21.63	21.65	
10	16QAM	25	25	21.79	21.86	21.83	21.63	21.57	
10	16QAM	50	0	21.70	21.89	21.85	21.66	21.64	
10	64QAM	1	0	22.26	22.45	22.48	22.22	22.28	24
10	64QAM	1	25	22.38	22.32	22.24	22.05	22.03	
10	64QAM	1	49	22.34	22.47	22.33	22.18	22.17	
10	64QAM	25	0	21.19	21.34	21.32	21.08	21.10	23
10	64QAM	25	12	21.20	21.29	21.32	21.10	21.16	
10	64QAM	25	25	21.27	21.35	21.26	21.14	21.16	
10	64QAM	50	0	21.28	21.29	21.28	21.06	21.12	
10	256QAM	1	0	19.42	19.43	19.41	19.32	19.30	20.5
10	256QAM	1	25	19.27	19.21	19.23	19.24	19.27	
10	256QAM	1	49	19.22	19.17	19.21	19.17	19.09	
10	256QAM	25	0	18.72	18.82	18.57	18.80	18.79	20.5
10	256QAM	25	12	18.71	18.66	18.57	18.71	18.74	
10	256QAM	25	25	18.71	18.61	18.57	18.70	18.78	
10	256QAM	50	0	18.65	18.67	18.53	18.60	18.72	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.33	23.47	23.51	23.25	23.28	25.00
5	QPSK	1	12	23.29	23.43	23.38	23.26	23.21	
5	QPSK	1	24	23.29	23.40	23.43	23.27	23.21	
5	QPSK	12	0	22.23	22.27	22.32	22.04	22.04	24
5	QPSK	12	7	22.23	22.36	22.26	22.15	22.10	
5	QPSK	12	13	22.22	22.37	22.32	22.04	22.10	
5	QPSK	25	0	22.29	22.37	22.27	22.05	22.14	
5	16QAM	1	0	23.44	23.64	23.51	23.66	23.34	25
5	16QAM	1	12	23.21	23.83	23.40	23.14	23.22	
5	16QAM	1	24	23.40	23.81	23.54	23.29	23.61	
5	16QAM	12	0	21.78	21.77	21.77	21.57	21.63	23
5	16QAM	12	7	21.77	21.78	21.83	21.57	21.64	
5	16QAM	12	13	21.71	21.81	21.86	21.63	21.61	
5	16QAM	25	0	21.74	21.87	21.82	21.66	21.61	
5	64QAM	1	0	22.33	22.44	22.45	22.25	22.18	24
5	64QAM	1	12	22.40	22.36	22.28	22.01	22.10	
5	64QAM	1	24	22.37	22.49	22.32	22.13	22.16	
5	64QAM	12	0	21.24	21.30	21.29	21.14	21.14	23
5	64QAM	12	7	21.28	21.35	21.36	21.08	21.11	
5	64QAM	12	13	21.23	21.30	21.32	21.08	21.15	
5	64QAM	25	0	21.23	21.39	21.27	21.11	21.08	
5	256QAM	1	0	19.41	19.38	19.44	19.31	19.28	20.5
5	256QAM	1	12	19.28	19.18	19.18	19.21	19.23	
5	256QAM	1	24	19.18	19.18	19.18	19.11	19.13	
5	256QAM	12	0	18.75	18.87	18.58	18.75	18.72	20.5
5	256QAM	12	7	18.75	18.70	18.50	18.78	18.81	
5	256QAM	12	13	18.63	18.68	18.51	18.68	18.74	
5	256QAM	25	0	18.64	18.71	18.51	18.62	18.66	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.32	24.38	24.37	25.2
20	QPSK	1	49	24.20	24.26	24.29	
20	QPSK	1	99	24.21	24.24	24.24	
20	QPSK	50	0	23.36	23.48	23.47	24.2
20	QPSK	50	24	23.35	23.43	23.46	
20	QPSK	50	50	23.34	23.40	23.42	
20	QPSK	100	0	23.32	23.43	23.42	
20	16QAM	1	0	23.35	23.40	23.33	24.2
20	16QAM	1	49	23.28	23.31	23.28	
20	16QAM	1	99	23.30	23.27	23.27	
20	16QAM	50	0	22.42	22.47	22.52	23.2
20	16QAM	50	24	22.45	22.49	22.52	
20	16QAM	50	50	22.42	22.44	22.46	
20	16QAM	100	0	22.41	22.47	22.46	
20	64QAM	1	0	22.37	22.22	22.28	23.2
20	64QAM	1	49	22.34	22.17	22.24	
20	64QAM	1	99	22.34	22.14	22.22	
20	64QAM	50	0	21.45	21.48	21.53	22.2
20	64QAM	50	24	21.44	21.49	21.53	
20	64QAM	50	50	21.42	21.45	21.47	
20	64QAM	100	0	21.41	21.46	21.46	
20	256QAM	1	0	19.26	19.20	19.40	20.2
20	256QAM	1	49	19.11	19.16	19.22	
20	256QAM	1	99	19.10	19.05	19.12	
20	256QAM	50	0	19.55	19.69	19.80	20.2
20	256QAM	50	24	19.56	19.66	19.73	
20	256QAM	50	50	19.50	19.61	19.68	
20	256QAM	100	0	19.45	19.58	19.68	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.36	24.37	24.33	25.2
15	QPSK	1	37	24.16	24.18	24.23	
15	QPSK	1	74	24.29	24.28	24.27	
15	QPSK	36	0	23.38	23.41	23.43	24.2
15	QPSK	36	20	23.38	23.38	23.41	
15	QPSK	36	39	23.36	23.37	23.39	
15	QPSK	75	0	23.28	23.36	23.41	
15	16QAM	1	0	23.35	23.38	23.48	24.2
15	16QAM	1	37	23.31	23.36	23.52	
15	16QAM	1	74	23.31	23.38	23.39	
15	16QAM	36	0	22.35	22.41	22.40	23.2
15	16QAM	36	20	22.35	22.39	22.38	
15	16QAM	36	39	22.34	22.39	22.37	
15	16QAM	75	0	22.35	22.44	22.45	
15	64QAM	1	0	22.19	22.33	22.23	23.2
15	64QAM	1	37	22.17	22.25	22.23	
15	64QAM	1	74	22.18	22.29	22.15	
15	64QAM	36	0	21.42	21.49	21.46	22.2
15	64QAM	36	20	21.42	21.46	21.45	
15	64QAM	36	39	21.42	21.47	21.43	
15	64QAM	75	0	21.38	21.45	21.45	
15	256QAM	1	0	19.18	19.14	19.40	20.2
15	256QAM	1	37	19.07	19.08	19.20	
15	256QAM	1	74	19.05	19.01	19.04	
15	256QAM	36	0	19.52	19.68	19.74	20.2
15	256QAM	36	20	19.55	19.60	19.64	
15	256QAM	36	39	19.45	19.53	19.59	
15	256QAM	75	0	19.38	19.58	19.61	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.34	24.36	24.37	25.2
10	QPSK	1	25	24.22	24.24	24.19	
10	QPSK	1	49	24.27	24.30	24.31	
10	QPSK	25	0	23.32	23.39	23.42	24.2
10	QPSK	25	12	23.30	23.40	23.44	
10	QPSK	25	25	23.30	23.38	23.41	
10	QPSK	50	0	23.37	23.46	23.49	
10	16QAM	1	0	23.36	23.30	23.38	24.2
10	16QAM	1	25	23.24	23.22	23.32	
10	16QAM	1	49	23.30	23.27	23.33	
10	16QAM	25	0	22.37	22.46	22.45	23.2
10	16QAM	25	12	22.36	22.45	22.46	
10	16QAM	25	25	22.38	22.46	22.45	
10	16QAM	50	0	22.41	22.50	22.51	
10	64QAM	1	0	22.21	22.20	22.15	23.2
10	64QAM	1	25	22.18	22.13	22.06	
10	64QAM	1	49	22.25	22.17	22.09	
10	64QAM	25	0	21.37	21.46	21.42	22.2
10	64QAM	25	12	21.35	21.45	21.42	
10	64QAM	25	25	21.37	21.44	21.40	
10	64QAM	50	0	21.38	21.48	21.49	
10	256QAM	1	0	19.08	19.12	19.31	20.2
10	256QAM	1	25	19.00	19.03	19.12	
10	256QAM	1	49	19.02	18.91	18.95	
10	256QAM	25	0	19.49	19.68	19.73	20.2
10	256QAM	25	12	19.54	19.51	19.62	
10	256QAM	25	25	19.38	19.49	19.56	
10	256QAM	50	0	19.32	19.50	19.58	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.22	24.35	24.35	25.2
5	QPSK	1	12	24.19	24.32	24.37	
5	QPSK	1	24	24.19	24.31	24.30	
5	QPSK	12	0	23.33	23.46	23.44	24.2
5	QPSK	12	7	23.31	23.45	23.49	
5	QPSK	12	13	23.32	23.45	23.43	
5	QPSK	25	0	23.31	23.42	23.45	
5	16QAM	1	0	23.32	23.34	23.46	24.2
5	16QAM	1	12	23.27	23.37	23.48	
5	16QAM	1	24	23.31	23.35	23.48	
5	16QAM	12	0	22.30	22.40	22.34	23.2
5	16QAM	12	7	22.31	22.44	22.38	
5	16QAM	12	13	22.33	22.41	22.36	
5	16QAM	25	0	22.39	22.47	22.48	
5	64QAM	1	0	22.11	22.35	22.18	23.2
5	64QAM	1	12	21.99	22.31	22.20	
5	64QAM	1	24	22.09	22.30	22.13	
5	64QAM	12	0	21.37	21.48	21.44	22.2
5	64QAM	12	7	21.36	21.48	21.49	
5	64QAM	12	13	21.36	21.47	21.44	
5	64QAM	25	0	21.37	21.48	21.48	
5	256QAM	1	0	19.13	19.13	19.38	20.2
5	256QAM	1	12	19.03	19.05	19.14	
5	256QAM	1	24	18.99	18.97	18.94	
5	256QAM	12	0	19.44	19.60	19.66	20.2
5	256QAM	12	7	19.51	19.57	19.63	
5	256QAM	12	13	19.39	19.44	19.51	
5	256QAM	25	0	19.33	19.55	19.61	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.06	26.07	26.05	27.2
20	QPSK	1	49	25.85	25.96	25.98	
20	QPSK	1	99	25.82	25.87	25.94	
20	QPSK	50	0	25.04	25.17	25.16	27.2
20	QPSK	50	24	25.03	25.11	25.15	
20	QPSK	50	50	25.02	25.09	25.14	
20	QPSK	100	0	25.04	25.14	25.13	
20	16QAM	1	0	24.71	24.92	24.91	27.2
20	16QAM	1	49	24.56	24.64	24.61	
20	16QAM	1	99	24.65	24.67	24.66	
20	16QAM	50	0	24.06	24.11	24.17	27.2
20	16QAM	50	24	24.06	24.13	24.16	
20	16QAM	50	50	24.04	24.08	24.12	
20	16QAM	100	0	24.13	24.18	24.25	
20	64QAM	1	0	24.17	24.25	24.21	27.2
20	64QAM	1	49	24.25	24.28	24.23	
20	64QAM	1	99	24.11	24.15	24.09	
20	64QAM	50	0	23.09	23.15	23.19	27.2
20	64QAM	50	24	23.11	23.18	23.20	
20	64QAM	50	50	23.08	23.14	23.17	
20	64QAM	100	0	23.09	23.16	23.21	
20	256QAM	1	0	21.48	21.72	21.63	27.2
20	256QAM	1	49	21.46	21.45	21.57	
20	256QAM	1	99	21.40	21.43	21.45	
20	256QAM	50	0	21.47	21.59	21.67	27.2
20	256QAM	50	24	21.45	21.55	21.63	
20	256QAM	50	50	21.42	21.44	21.56	
20	256QAM	100	0	21.38	21.49	21.56	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.93	26.04	26.03	27.2
15	QPSK	1	37	25.91	26.01	26.04	
15	QPSK	1	74	25.91	25.91	25.94	
15	QPSK	36	0	25.09	25.20	25.22	27.2
15	QPSK	36	20	25.06	25.16	25.24	
15	QPSK	36	39	25.06	25.18	25.21	
15	QPSK	75	0	25.10	25.20	25.23	
15	16QAM	1	0	25.42	25.47	25.38	27.2
15	16QAM	1	37	25.28	25.32	25.29	
15	16QAM	1	74	25.24	25.21	25.15	
15	16QAM	36	0	24.15	24.20	24.23	27.2
15	16QAM	36	20	24.15	24.21	24.19	
15	16QAM	36	39	24.16	24.20	24.20	
15	16QAM	75	0	24.16	24.28	24.29	
15	64QAM	1	0	24.09	24.09	24.10	27.2
15	64QAM	1	37	24.09	24.11	24.32	
15	64QAM	1	74	24.07	24.02	24.18	
15	64QAM	36	0	23.18	23.27	23.29	27.2
15	64QAM	36	20	23.18	23.25	23.26	
15	64QAM	36	39	23.19	23.25	23.27	
15	64QAM	75	0	23.18	23.25	23.25	
15	256QAM	1	0	21.45	21.68	21.54	27.2
15	256QAM	1	37	21.36	21.43	21.51	
15	256QAM	1	74	21.34	21.35	21.38	
15	256QAM	36	0	21.45	21.51	21.61	27.2
15	256QAM	36	20	21.44	21.48	21.60	
15	256QAM	36	39	21.37	21.41	21.50	
15	256QAM	75	0	21.38	21.47	21.52	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.93	26.04	26.01	27.2
10	QPSK	1	25	26.02	25.99	26.06	
10	QPSK	1	49	25.90	26.04	26.05	
10	QPSK	25	0	25.10	25.22	25.21	27.2
10	QPSK	25	12	25.09	25.20	25.20	
10	QPSK	25	25	25.10	25.21	25.20	
10	QPSK	50	0	25.09	25.19	25.21	
10	16QAM	1	0	25.25	25.26	25.22	27.2
10	16QAM	1	25	25.22	25.16	25.05	
10	16QAM	1	49	25.17	25.19	25.08	
10	16QAM	25	0	24.19	24.32	24.26	27.2
10	16QAM	25	12	24.18	24.24	24.23	
10	16QAM	25	25	24.20	24.25	24.23	
10	16QAM	50	0	24.19	24.27	24.25	
10	64QAM	1	0	24.14	24.29	24.23	27.2
10	64QAM	1	25	24.00	24.11	24.09	
10	64QAM	1	49	24.10	24.19	24.18	
10	64QAM	25	0	23.25	23.33	23.32	27.2
10	64QAM	25	12	23.27	23.30	23.29	
10	64QAM	25	25	23.28	23.30	23.24	
10	64QAM	50	0	23.16	23.24	23.22	
10	256QAM	1	0	21.43	21.66	21.58	27.2
10	256QAM	1	25	21.42	21.39	21.47	
10	256QAM	1	49	21.30	21.36	21.36	
10	256QAM	25	0	21.39	21.51	21.63	27.2
10	256QAM	25	12	21.41	21.48	21.58	
10	256QAM	25	25	21.38	21.41	21.53	
10	256QAM	50	0	21.34	21.42	21.55	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.84	26.01	26.01	27.2
5	QPSK	1	12	25.77	26.05	26.03	
5	QPSK	1	24	25.88	26.02	26.04	
5	QPSK	12	0	24.96	25.15	25.18	27.2
5	QPSK	12	7	24.98	25.20	25.17	
5	QPSK	12	13	24.96	25.15	25.16	
5	QPSK	25	0	24.98	25.15	25.20	
5	16QAM	1	0	24.98	25.10	25.07	27.2
5	16QAM	1	12	24.97	25.19	25.08	
5	16QAM	1	24	24.99	25.13	25.02	
5	16QAM	12	0	24.05	24.22	24.20	27.2
5	16QAM	12	7	24.12	24.21	24.16	
5	16QAM	12	13	24.07	24.21	24.18	
5	16QAM	25	0	24.11	24.24	24.28	
5	64QAM	1	0	23.74	23.82	24.13	27.2
5	64QAM	1	12	23.65	23.85	24.19	
5	64QAM	1	24	23.90	23.82	24.11	
5	64QAM	12	0	23.06	23.23	23.25	27.2
5	64QAM	12	7	23.09	23.24	23.21	
5	64QAM	12	13	23.09	23.23	23.22	
5	64QAM	25	0	23.07	23.20	23.27	
5	256QAM	1	0	21.41	21.69	21.57	27.2
5	256QAM	1	12	21.41	21.38	21.50	
5	256QAM	1	24	21.35	21.42	21.44	
5	256QAM	12	0	21.40	21.56	21.64	27.2
5	256QAM	12	7	21.35	21.54	21.56	
5	256QAM	12	13	21.41	21.42	21.46	
5	256QAM	25	0	21.30	21.47	21.50	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.61	23.62	23.77	23.62	23.63	25.2
20	QPSK	1	49	23.39	23.44	23.54	23.55	23.51	
20	QPSK	1	99	23.39	23.42	23.50	23.49	23.48	
20	QPSK	50	0	22.55	22.60	22.75	22.73	22.61	24.2
20	QPSK	50	24	22.54	22.58	22.69	22.72	22.60	
20	QPSK	50	50	22.53	22.54	22.64	22.70	22.56	
20	QPSK	100	0	22.56	22.57	22.74	22.73	22.55	
20	16QAM	1	0	22.42	22.47	22.71	22.80	22.55	24.2
20	16QAM	1	49	22.36	22.43	22.64	22.67	22.53	
20	16QAM	1	99	22.41	22.46	22.62	22.68	22.52	
20	16QAM	50	0	21.60	21.60	21.73	21.76	21.62	23.2
20	16QAM	50	24	21.59	21.62	21.75	21.73	21.67	
20	16QAM	50	50	21.58	21.60	21.71	21.71	21.64	
20	16QAM	100	0	21.63	21.60	21.72	21.74	21.63	
20	64QAM	1	0	21.38	21.36	21.59	21.61	21.46	23.2
20	64QAM	1	49	21.38	21.36	21.52	21.51	21.43	
20	64QAM	1	99	21.34	21.37	21.51	21.47	21.40	
20	64QAM	50	0	20.61	20.66	20.78	20.77	20.68	22.2
20	64QAM	50	24	20.61	20.66	20.77	20.75	20.71	
20	64QAM	50	50	20.61	20.65	20.71	20.71	20.66	
20	64QAM	100	0	20.62	20.60	20.69	20.73	20.61	
20	256QAM	1	0	18.78	18.76	18.93	19.08	19.21	20.2
20	256QAM	1	49	18.74	18.66	18.78	18.94	19.08	
20	256QAM	1	99	18.67	18.62	18.76	18.89	18.97	
20	256QAM	50	0	18.86	18.78	18.96	19.10	19.24	20.2
20	256QAM	50	24	18.88	18.83	18.94	19.06	19.21	
20	256QAM	50	50	18.84	18.81	18.91	19.03	19.21	
20	256QAM	100	0	18.77	18.72	18.87	19.02	19.08	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.54	23.44	23.64	23.63	23.60	25.20
15	QPSK	1	37	23.39	23.41	23.36	23.50	23.50	
15	QPSK	1	74	23.49	23.40	23.51	23.51	23.47	
15	QPSK	36	0	22.58	22.54	22.65	22.68	22.61	24.2
15	QPSK	36	20	22.61	22.56	22.65	22.68	22.56	
15	QPSK	36	39	22.59	22.56	22.64	22.65	22.58	
15	QPSK	75	0	22.57	22.55	22.62	22.72	22.56	
15	16QAM	1	0	22.55	22.41	22.71	22.77	22.71	24.2
15	16QAM	1	37	22.48	22.49	22.61	22.69	22.76	
15	16QAM	1	74	22.53	22.40	22.61	22.66	22.69	
15	16QAM	36	0	21.58	21.51	21.66	21.66	21.57	23.2
15	16QAM	36	20	21.57	21.52	21.64	21.62	21.55	
15	16QAM	36	39	21.57	21.55	21.64	21.59	21.60	
15	16QAM	75	0	21.63	21.60	21.67	21.67	21.64	
15	64QAM	1	0	21.49	21.34	21.49	21.48	21.33	23.2
15	64QAM	1	37	21.49	21.35	21.37	21.38	21.30	
15	64QAM	1	74	21.38	21.31	21.45	21.39	21.30	
15	64QAM	36	0	20.66	20.59	20.76	20.69	20.65	22.2
15	64QAM	36	20	20.67	20.62	20.73	20.68	20.67	
15	64QAM	36	39	20.65	20.64	20.74	20.66	20.68	
15	64QAM	75	0	20.66	20.62	20.70	20.73	20.65	
15	256QAM	1	0	18.75	18.75	18.92	19.00	19.15	20.2
15	256QAM	1	37	18.68	18.61	18.76	18.89	18.98	
15	256QAM	1	74	18.61	18.61	18.72	18.86	18.90	
15	256QAM	36	0	18.83	18.68	18.87	19.04	19.20	20.2
15	256QAM	36	20	18.82	18.78	18.89	18.98	19.11	
15	256QAM	36	39	18.79	18.81	18.88	18.94	19.18	
15	256QAM	75	0	18.74	18.71	18.84	18.98	19.03	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.55	23.53	23.65	23.66	23.64	25.20
10	QPSK	1	25	23.42	23.34	23.51	23.51	23.50	
10	QPSK	1	49	23.53	23.49	23.60	23.62	23.59	
10	QPSK	25	0	22.56	22.53	22.65	22.71	22.61	24.2
10	QPSK	25	12	22.55	22.54	22.63	22.69	22.62	
10	QPSK	25	25	22.57	22.54	22.65	22.69	22.60	
10	QPSK	50	0	22.60	22.59	22.66	22.74	22.65	
10	16QAM	1	0	22.64	22.65	22.77	22.70	22.63	24.2
10	16QAM	1	25	22.52	22.54	22.70	22.57	22.56	
10	16QAM	1	49	22.63	22.62	22.71	22.61	22.59	
10	16QAM	25	0	21.62	21.60	21.71	21.73	21.66	23.2
10	16QAM	25	12	21.65	21.63	21.70	21.71	21.68	
10	16QAM	25	25	21.66	21.60	21.72	21.71	21.66	
10	16QAM	50	0	21.67	21.64	21.77	21.76	21.71	
10	64QAM	1	0	21.40	21.30	21.45	21.48	21.45	23.2
10	64QAM	1	25	21.38	21.24	21.43	21.46	21.41	
10	64QAM	1	49	21.46	21.30	21.43	21.46	21.43	
10	64QAM	25	0	20.67	20.59	20.70	20.70	20.65	22.2
10	64QAM	25	12	20.66	20.59	20.68	20.68	20.66	
10	64QAM	25	25	20.67	20.59	20.67	20.66	20.65	
10	64QAM	50	0	20.70	20.67	20.74	20.74	20.70	
10	256QAM	1	0	18.76	18.66	18.87	19.07	19.17	20.2
10	256QAM	1	25	18.66	18.62	18.73	18.87	19.07	
10	256QAM	1	49	18.64	18.56	18.70	18.84	18.94	
10	256QAM	25	0	18.86	18.77	18.88	19.02	19.21	20.2
10	256QAM	25	12	18.88	18.80	18.86	19.02	19.13	
10	256QAM	25	25	18.82	18.72	18.86	18.95	19.21	
10	256QAM	50	0	18.69	18.63	18.83	18.95	19.07	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.56	23.53	23.67	23.67	23.64	25.20
5	QPSK	1	12	23.50	23.53	23.63	23.59	23.62	
5	QPSK	1	24	23.53	23.50	23.61	23.60	23.58	
5	QPSK	12	0	22.64	22.60	22.75	22.70	22.69	24.2
5	QPSK	12	7	22.67	22.67	22.75	22.73	22.74	
5	QPSK	12	13	22.63	22.61	22.73	22.73	22.69	
5	QPSK	25	0	22.60	22.61	22.70	22.79	22.65	
5	16QAM	1	0	22.58	22.47	22.78	22.79	22.76	24.2
5	16QAM	1	12	22.51	22.54	22.76	22.71	22.80	
5	16QAM	1	24	22.56	22.53	22.71	22.77	22.76	
5	16QAM	12	0	21.62	21.57	21.72	21.66	21.68	23.2
5	16QAM	12	7	21.64	21.64	21.75	21.67	21.72	
5	16QAM	12	13	21.59	21.61	21.71	21.64	21.67	
5	16QAM	25	0	21.68	21.66	21.78	21.78	21.69	
5	64QAM	1	0	21.52	21.47	21.56	21.48	21.45	23.2
5	64QAM	1	12	21.51	21.49	21.57	21.43	21.44	
5	64QAM	1	24	21.54	21.45	21.55	21.49	21.46	
5	64QAM	12	0	20.71	20.65	20.80	20.68	20.75	22.2
5	64QAM	12	7	20.73	20.71	20.79	20.68	20.77	
5	64QAM	12	13	20.70	20.67	20.80	20.66	20.73	
5	64QAM	25	0	20.68	20.69	20.77	20.77	20.72	
5	256QAM	1	0	18.72	18.73	18.89	18.99	19.19	20.2
5	256QAM	1	12	18.64	18.57	18.73	18.85	19.04	
5	256QAM	1	24	18.67	18.55	18.72	18.79	18.95	
5	256QAM	12	0	18.76	18.70	18.95	19.08	19.19	20.2
5	256QAM	12	7	18.86	18.83	18.88	18.98	19.13	
5	256QAM	12	13	18.79	18.72	18.84	19.01	19.15	
5	256QAM	25	0	18.69	18.72	18.83	18.92	19.08	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.85	25.84	25.93	25.72	25.67	27.2
20	QPSK	1	49	25.84	25.74	25.92	25.71	25.64	
20	QPSK	1	99	25.79	25.71	25.81	25.64	25.59	
20	QPSK	50	0	25.01	24.93	25.02	24.90	24.82	26.2
20	QPSK	50	24	24.97	24.92	25.01	24.89	24.81	
20	QPSK	50	50	24.99	24.89	24.99	24.86	24.80	
20	QPSK	100	0	24.99	24.91	25.03	24.87	24.81	
20	16QAM	1	0	25.10	25.11	25.34	25.09	25.04	26.2
20	16QAM	1	49	25.10	25.04	25.21	24.90	24.95	
20	16QAM	1	99	25.15	25.09	25.21	24.94	24.98	
20	16QAM	50	0	24.01	23.95	24.08	23.87	23.84	25.2
20	16QAM	50	24	24.00	23.95	24.05	23.88	23.83	
20	16QAM	50	50	24.00	23.94	24.06	23.83	23.82	
20	16QAM	100	0	24.02	23.96	24.09	23.87	23.85	
20	64QAM	1	0	24.01	24.00	24.23	24.03	23.91	25.2
20	64QAM	1	49	24.17	24.08	24.28	23.95	24.05	
20	64QAM	1	99	23.93	24.04	24.19	23.90	23.96	
20	64QAM	50	0	23.04	22.94	23.05	22.88	22.82	24.2
20	64QAM	50	24	23.01	22.96	23.08	22.89	22.87	
20	64QAM	50	50	23.03	22.96	23.05	22.85	22.83	
20	64QAM	100	0	23.00	22.92	23.06	22.85	22.83	
20	256QAM	1	0	21.13	20.56	20.82	20.66	20.53	22.2
20	256QAM	1	49	21.10	20.25	20.74	20.42	20.52	
20	256QAM	1	99	20.99	20.26	20.68	20.40	20.46	
20	256QAM	50	0	21.24	21.01	21.23	21.09	20.98	22.2
20	256QAM	50	24	21.24	20.80	21.20	20.98	20.98	
20	256QAM	50	50	21.23	20.70	21.16	20.95	21.02	
20	256QAM	100	0	21.22	20.92	21.14	20.96	20.95	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.90	25.73	25.94	25.74	25.71	27.20
15	QPSK	1	37	25.83	25.64	25.79	25.69	25.57	
15	QPSK	1	74	25.83	25.69	25.82	25.69	25.64	
15	QPSK	36	0	25.04	24.90	25.05	24.82	24.80	26.2
15	QPSK	36	20	25.04	24.85	25.04	24.80	24.83	
15	QPSK	36	39	25.04	24.88	25.00	24.79	24.78	
15	QPSK	75	0	25.04	24.88	25.02	24.79	24.82	
15	16QAM	1	0	25.30	25.15	25.40	25.02	25.05	26.2
15	16QAM	1	37	25.32	25.13	25.36	24.96	24.97	
15	16QAM	1	74	25.30	25.16	25.33	24.92	25.00	
15	16QAM	36	0	23.99	23.89	24.05	23.80	23.81	25.2
15	16QAM	36	20	24.03	23.87	24.03	23.78	23.81	
15	16QAM	36	39	24.02	23.87	24.00	23.79	23.79	
15	16QAM	75	0	24.06	23.93	24.04	23.80	23.83	
15	64QAM	1	0	24.02	23.98	24.14	23.93	23.91	25.2
15	64QAM	1	37	24.16	24.00	24.15	23.82	23.82	
15	64QAM	1	74	24.08	23.97	24.09	23.82	23.87	
15	64QAM	36	0	23.08	22.96	23.10	22.82	22.84	24.2
15	64QAM	36	20	23.07	22.90	23.08	22.81	22.85	
15	64QAM	36	39	23.06	22.97	23.06	22.83	22.85	
15	64QAM	75	0	23.03	22.89	23.05	22.76	22.79	
15	256QAM	1	0	21.12	20.48	20.79	20.58	20.44	22.2
15	256QAM	1	37	21.09	20.24	20.74	20.33	20.44	
15	256QAM	1	74	20.97	20.24	20.65	20.37	20.39	
15	256QAM	36	0	21.17	21.00	21.21	20.99	20.89	22.2
15	256QAM	36	20	21.14	20.78	21.18	20.96	20.94	
15	256QAM	36	39	21.15	20.68	21.08	20.85	21.01	
15	256QAM	75	0	21.14	20.87	21.10	20.88	20.89	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.87	25.74	25.96	25.72	25.70	27.20
10	QPSK	1	25	25.92	25.81	25.95	25.78	25.73	
10	QPSK	1	49	25.87	25.72	25.89	25.71	25.66	
10	QPSK	25	0	25.01	24.89	25.04	24.82	24.81	26.2
10	QPSK	25	12	24.97	24.88	25.05	24.78	24.81	
10	QPSK	25	25	25.00	24.87	25.01	24.79	24.79	
10	QPSK	50	0	24.99	24.89	24.96	24.85	24.76	
10	16QAM	1	0	25.04	25.14	25.31	25.05	24.94	26.2
10	16QAM	1	25	25.16	25.10	25.20	25.00	24.96	
10	16QAM	1	49	25.23	25.14	25.26	25.03	25.00	
10	16QAM	25	0	24.10	23.95	24.08	23.82	23.86	25.2
10	16QAM	25	12	24.08	23.94	24.11	23.81	23.88	
10	16QAM	25	25	24.08	23.97	24.08	23.85	23.85	
10	16QAM	50	0	24.07	23.97	24.03	23.86	23.83	
10	64QAM	1	0	24.42	24.30	24.49	24.24	24.21	25.2
10	64QAM	1	25	24.28	24.13	24.29	24.01	24.04	
10	64QAM	1	49	24.44	24.34	24.45	24.17	24.08	
10	64QAM	25	0	23.06	22.92	23.07	22.80	22.82	24.2
10	64QAM	25	12	23.00	22.87	23.01	22.72	22.82	
10	64QAM	25	25	23.01	22.90	23.01	22.74	22.82	
10	64QAM	50	0	23.05	22.90	23.02	22.86	22.79	
10	256QAM	1	0	21.08	20.47	20.69	20.58	20.38	22.2
10	256QAM	1	25	21.08	20.20	20.67	20.26	20.38	
10	256QAM	1	49	20.95	20.22	20.65	20.29	20.38	
10	256QAM	25	0	21.16	20.96	21.18	20.98	20.87	22.2
10	256QAM	25	12	21.07	20.68	21.15	20.86	20.87	
10	256QAM	25	25	21.15	20.66	21.07	20.82	20.93	
10	256QAM	50	0	21.10	20.87	21.03	20.81	20.83	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.82	25.67	25.85	25.66	25.63	27.20
5	QPSK	1	12	25.82	25.64	25.88	25.65	25.58	
5	QPSK	1	24	25.78	25.68	25.85	25.63	25.59	
5	QPSK	12	0	24.96	24.83	24.96	24.78	24.76	26.2
5	QPSK	12	7	24.95	24.83	24.92	24.78	24.69	
5	QPSK	12	13	24.95	24.85	24.94	24.76	24.76	
5	QPSK	25	0	24.93	24.83	24.98	24.75	24.76	
5	16QAM	1	0	25.16	25.16	25.27	25.02	24.91	26.2
5	16QAM	1	12	25.15	25.03	25.14	24.86	24.87	
5	16QAM	1	24	25.29	25.07	25.37	24.98	24.96	
5	16QAM	12	0	24.07	23.92	24.04	23.75	23.73	25.2
5	16QAM	12	7	24.09	23.94	24.06	23.81	23.71	
5	16QAM	12	13	24.11	23.96	24.08	23.81	23.84	
5	16QAM	25	0	24.11	23.95	24.12	23.80	23.87	
5	64QAM	1	0	24.00	23.93	24.14	23.78	23.78	25.2
5	64QAM	1	12	24.07	23.90	24.12	23.65	23.64	
5	64QAM	1	24	24.10	23.97	24.10	23.72	23.72	
5	64QAM	12	0	23.00	22.90	22.95	22.82	22.79	24.2
5	64QAM	12	7	23.07	22.90	23.04	22.77	22.76	
5	64QAM	12	13	23.03	22.91	23.03	22.76	22.78	
5	64QAM	25	0	23.06	22.93	23.09	22.74	22.87	
5	256QAM	1	0	21.05	20.42	20.66	20.51	20.32	22.2
5	256QAM	1	12	20.98	20.20	20.58	20.20	20.29	
5	256QAM	1	24	20.95	20.21	20.65	20.20	20.29	
5	256QAM	12	0	21.09	20.86	21.10	20.96	20.84	22.2
5	256QAM	12	7	21.04	20.65	21.14	20.76	20.82	
5	256QAM	12	13	21.09	20.57	21.01	20.82	20.90	
5	256QAM	25	0	21.03	20.77	20.97	20.72	20.73	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	21.78	21.82	21.73	21.72	23.2
20	QPSK	1	49	21.69	21.69	21.64	21.58	
20	QPSK	1	99	21.62	21.63	21.51	21.43	
20	QPSK	50	0	20.83	20.85	20.77	20.73	22.2
20	QPSK	50	24	20.81	20.83	20.72	20.68	
20	QPSK	50	50	20.75	20.75	20.64	20.58	
20	QPSK	100	0	20.76	20.78	20.67	20.63	
20	16QAM	1	0	20.82	20.78	20.70	20.63	22.2
20	16QAM	1	49	20.67	20.68	20.56	20.41	
20	16QAM	1	99	20.64	20.62	20.41	20.29	
20	16QAM	50	0	19.76	19.79	19.67	19.64	21.2
20	16QAM	50	24	19.77	19.76	19.65	19.57	
20	16QAM	50	50	19.73	19.70	19.59	19.49	
20	16QAM	100	0	19.75	19.75	19.63	19.56	
20	64QAM	1	0	19.57	19.54	19.57	19.42	21.2
20	64QAM	1	49	19.52	19.48	19.49	19.29	
20	64QAM	1	99	19.43	19.41	19.38	19.21	
20	64QAM	50	0	18.77	18.82	18.72	18.66	20.2
20	64QAM	50	24	18.78	18.79	18.68	18.62	
20	64QAM	50	50	18.73	18.73	18.62	18.55	
20	64QAM	100	0	18.72	18.76	18.65	18.58	
20	256QAM	1	0	16.76	16.87	16.68	16.62	18.2
20	256QAM	1	49	16.63	16.58	16.56	16.56	
20	256QAM	1	99	16.49	16.57	16.52	16.50	
20	256QAM	50	0	16.86	16.89	16.99	16.88	18.2
20	256QAM	50	24	17.00	17.00	16.94	17.03	
20	256QAM	50	50	16.94	16.85	17.01	17.05	
20	256QAM	100	0	16.82	16.96	16.97	17.00	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	21.75	21.81	21.70	21.69	23.2
15	QPSK	1	37	21.59	21.62	21.62	21.54	
15	QPSK	1	74	21.53	21.58	21.47	21.43	
15	QPSK	36	0	20.73	20.81	20.75	20.65	22.2
15	QPSK	36	20	20.75	20.76	20.69	20.58	
15	QPSK	36	39	20.70	20.75	20.61	20.50	
15	QPSK	75	0	20.75	20.73	20.62	20.61	
15	16QAM	1	0	20.77	20.72	20.64	20.60	22.2
15	16QAM	1	37	20.65	20.63	20.46	20.39	
15	16QAM	1	74	20.55	20.62	20.40	20.23	
15	16QAM	36	0	19.72	19.75	19.67	19.55	21.2
15	16QAM	36	20	19.72	19.70	19.63	19.54	
15	16QAM	36	39	19.69	19.60	19.57	19.49	
15	16QAM	75	0	19.74	19.69	19.60	19.49	
15	64QAM	1	0	19.52	19.47	19.47	19.33	21.2
15	64QAM	1	37	19.48	19.47	19.49	19.21	
15	64QAM	1	74	19.41	19.36	19.33	19.21	
15	64QAM	36	0	18.69	18.78	18.65	18.58	20.2
15	64QAM	36	20	18.70	18.73	18.61	18.60	
15	64QAM	36	39	18.69	18.64	18.54	18.49	
15	64QAM	75	0	18.71	18.74	18.64	18.49	
15	256QAM	1	0	16.66	16.87	16.58	16.55	18.2
15	256QAM	1	37	16.62	16.56	16.52	16.54	
15	256QAM	1	74	16.42	16.50	16.49	16.45	
15	256QAM	36	0	16.84	16.81	16.90	16.85	18.2
15	256QAM	36	20	16.94	16.90	16.89	16.94	
15	256QAM	36	39	16.86	16.79	16.99	17.00	
15	256QAM	75	0	16.78	16.94	16.92	16.96	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	21.74	21.80	21.69	21.62	23.2
10	QPSK	1	25	21.66	21.69	21.63	21.58	
10	QPSK	1	49	21.53	21.54	21.41	21.38	
10	QPSK	25	0	20.73	20.78	20.77	20.73	22.2
10	QPSK	25	12	20.75	20.73	20.63	20.68	
10	QPSK	25	25	20.73	20.72	20.56	20.52	
10	QPSK	50	0	20.73	20.72	20.65	20.61	
10	16QAM	1	0	20.75	20.69	20.63	20.62	22.2
10	16QAM	1	25	20.58	20.67	20.52	20.39	
10	16QAM	1	49	20.61	20.55	20.34	20.20	
10	16QAM	25	0	19.76	19.74	19.57	19.58	21.2
10	16QAM	25	12	19.76	19.66	19.62	19.49	
10	16QAM	25	25	19.65	19.67	19.59	19.43	
10	16QAM	50	0	19.65	19.70	19.55	19.50	
10	64QAM	1	0	19.53	19.51	19.57	19.41	21.2
10	64QAM	1	25	19.48	19.40	19.48	19.20	
10	64QAM	1	49	19.40	19.35	19.33	19.21	
10	64QAM	25	0	18.67	18.76	18.69	18.66	20.2
10	64QAM	25	12	18.78	18.70	18.65	18.52	
10	64QAM	25	25	18.68	18.66	18.62	18.47	
10	64QAM	50	0	18.71	18.76	18.58	18.58	
10	256QAM	1	0	16.66	16.86	16.58	16.60	18.2
10	256QAM	1	25	16.61	16.51	16.51	16.49	
10	256QAM	1	49	16.41	16.50	16.45	16.45	
10	256QAM	25	0	16.76	16.86	16.95	16.84	18.2
10	256QAM	25	12	16.98	16.94	16.84	16.95	
10	256QAM	25	25	16.86	16.84	16.92	17.01	
10	256QAM	50	0	16.79	16.86	16.97	16.98	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	21.69	21.72	21.67	21.67	23.2
5	QPSK	1	12	21.61	21.61	21.62	21.56	
5	QPSK	1	24	21.62	21.56	21.43	21.42	
5	QPSK	12	0	20.75	20.83	20.77	20.64	22.2
5	QPSK	12	7	20.73	20.76	20.69	20.68	
5	QPSK	12	13	20.67	20.70	20.61	20.50	
5	QPSK	25	0	20.68	20.74	20.62	20.57	
5	16QAM	1	0	20.79	20.77	20.60	20.63	22.2
5	16QAM	1	12	20.64	20.59	20.56	20.35	
5	16QAM	1	24	20.58	20.59	20.35	20.25	
5	16QAM	12	0	19.73	19.75	19.60	19.55	21.2
5	16QAM	12	7	19.77	19.71	19.56	19.55	
5	16QAM	12	13	19.69	19.70	19.53	19.39	
5	16QAM	25	0	19.74	19.75	19.56	19.54	
5	64QAM	1	0	19.54	19.44	19.53	19.40	21.2
5	64QAM	1	12	19.47	19.40	19.49	19.20	
5	64QAM	1	24	19.36	19.36	19.34	19.22	
5	64QAM	12	0	18.71	18.76	18.70	18.56	20.2
5	64QAM	12	7	18.68	18.76	18.59	18.55	
5	64QAM	12	13	18.67	18.73	18.52	18.47	
5	64QAM	25	0	18.72	18.68	18.56	18.48	
5	256QAM	1	0	16.76	16.80	16.61	16.53	18.2
5	256QAM	1	12	16.55	16.48	16.56	16.46	
5	256QAM	1	24	16.44	16.49	16.50	16.43	
5	256QAM	12	0	16.76	16.85	16.96	16.81	18.2
5	256QAM	12	7	17.00	16.91	16.92	16.93	
5	256QAM	12	13	16.87	16.77	16.94	16.97	
5	256QAM	25	0	16.79	16.92	16.88	16.95	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.46	24.42	24.31	25.70
20	PI/2 BPSK	1	53	24.57	24.61	24.52	
20	PI/2 BPSK	1	104	24.42	24.46	24.40	
20	PI/2 BPSK	50	0	24.04	24.02	24.00	25.20
20	PI/2 BPSK	50	28	24.49	24.50	24.49	25.70
20	PI/2 BPSK	50	56	24.03	24.02	24.00	25.20
20	PI/2 BPSK	100	0	24.03	24.04	24.03	
20	QPSK	1	1	24.46	24.35	24.30	25.70
20	QPSK	1	53	24.60	24.59	24.58	
20	QPSK	1	104	24.42	24.41	24.36	
20	QPSK	50	0	23.53	23.49	23.45	24.70
20	QPSK	50	28	24.50	24.46	24.48	25.70
20	QPSK	50	56	23.52	23.50	23.57	24.70
20	QPSK	100	0	23.52	23.51	23.51	
20	16QAM	1	1	23.54	23.41	23.36	24.70
20	64QAM	1	1	21.91	21.80	21.76	23.20
20	256QAM	1	1	19.20	19.80	19.76	21.20
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.44	24.38	24.41	25.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.51	24.41	24.46	25.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.50	24.40	24.40	25.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.15	24.10	24.10	25.50
20	PI/2 BPSK	1	53	24.33	24.34	24.31	
20	PI/2 BPSK	1	104	24.12	24.16	24.10	
20	PI/2 BPSK	50	0	24.10	24.15	24.13	25.00
20	PI/2 BPSK	50	28	24.20	24.21	24.14	25.50
20	PI/2 BPSK	50	56	24.18	24.19	24.13	25.00
20	PI/2 BPSK	100	0	24.16	24.19	24.12	
20	QPSK	1	1	24.11	24.05	24.09	25.50
20	QPSK	1	53	24.31	24.29	24.28	
20	QPSK	1	104	24.09	24.16	24.10	
20	QPSK	50	0	23.84	23.84	23.83	24.50
20	QPSK	50	28	24.16	24.19	24.14	25.50
20	QPSK	50	56	23.90	23.99	23.87	24.50
20	QPSK	100	0	23.86	23.95	23.86	
20	16QAM	1	1	23.84	23.89	23.81	24.50
20	64QAM	1	1	22.27	22.28	22.30	23.00
20	256QAM	1	1	20.22	20.28	20.24	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.16	24.13	24.14	25.50
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.19	24.21	24.21	25.50
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.18	24.23	24.18	25.50

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.25	24.33	24.30	25.20
20	PI/2 BPSK	1	53	24.46	24.51	24.42	
20	PI/2 BPSK	1	104	24.30	24.32	24.24	
20	PI/2 BPSK	50	0	23.80	23.87	23.86	24.70
20	PI/2 BPSK	50	28	24.36	24.39	24.32	25.20
20	PI/2 BPSK	50	56	23.85	23.86	23.86	24.70
20	PI/2 BPSK	100	0	23.85	23.87	23.84	
20	QPSK	1	1	24.20	24.28	24.29	25.20
20	QPSK	1	53	24.40	24.47	24.40	
20	QPSK	1	104	24.27	24.29	24.23	
20	QPSK	50	0	23.33	23.39	23.39	24.20
20	QPSK	50	28	24.34	24.39	24.32	25.20
20	QPSK	50	56	23.37	23.38	23.40	24.20
20	QPSK	100	0	23.40	23.41	23.36	
20	16QAM	1	1	23.31	23.36	23.37	24.20
20	64QAM	1	1	21.83	21.84	21.86	22.70
20	256QAM	1	1	19.48	19.67	19.69	20.70
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.32	24.36	24.35	25.20
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.36	24.40	24.36	25.20
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.38	24.43	24.38	25.20

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.79	23.84	23.83	25.30
15	PI/2 BPSK	1	40	23.90	23.94	23.89	
15	PI/2 BPSK	1	77	23.87	23.82	23.86	
15	PI/2 BPSK	36	0	23.88	23.86	23.83	24.80
15	PI/2 BPSK	36	22	23.91	23.93	23.87	25.30
15	PI/2 BPSK	36	43	23.90	23.91	23.85	24.80
15	PI/2 BPSK	75	0	23.87	23.88	23.84	
15	QPSK	1	1	23.81	23.79	23.75	25.30
15	QPSK	1	40	23.82	23.81	23.78	
15	QPSK	1	77	23.80	23.80	23.79	
15	QPSK	36	0	23.52	23.56	23.52	24.30
15	QPSK	36	22	23.86	23.85	23.87	25.30
15	QPSK	36	43	23.58	23.56	23.55	24.30
15	QPSK	75	0	23.53	23.53	23.54	
15	16QAM	1	1	23.56	23.51	23.49	24.30
15	64QAM	1	1	22.11	22.07	21.98	22.80
	256QAM	1	1	19.94	19.93	19.90	20.80
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.79	23.78	23.76	25.30
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.88	23.81	23.78	25.30

n25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.40	24.31	24.34	25.70
20	PI/2 BPSK	1	53	24.60	24.63	24.61	
20	PI/2 BPSK	1	104	24.42	24.40	24.32	
20	PI/2 BPSK	50	0	24.01	23.99	24.08	25.20
20	PI/2 BPSK	50	28	24.43	24.51	24.50	25.70
20	PI/2 BPSK	50	56	23.99	24.06	24.05	25.20
20	PI/2 BPSK	100	0	23.97	24.06	24.05	
20	QPSK	1	1	24.38	24.31	24.35	25.70
20	QPSK	1	53	24.55	24.60	23.70	
20	QPSK	1	104	24.39	24.41	24.32	
20	QPSK	50	0	23.50	23.51	23.58	24.70
20	QPSK	50	28	24.43	24.46	24.36	25.70
20	QPSK	50	56	23.52	23.54	23.44	24.70
20	QPSK	100	0	23.51	23.54	23.46	
20	16QAM	1	1	23.47	23.41	23.40	24.70
20	64QAM	1	1	21.89	21.82	21.83	23.20
20	256QAM	1	1	19.66	19.83	19.86	21.20
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.45	24.37	24.39	25.70
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.53	24.40	24.38	25.70
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.48	24.38	24.34	25.70

n30_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		22.96		24.60
10	PI/2 BPSK	1	26		23.10		
10	PI/2 BPSK	1	50		22.93		
10	PI/2 BPSK	25	0		22.98		24.10
10	PI/2 BPSK	25	14		22.99		24.60
10	PI/2 BPSK	25	27		22.94		24.10
10	PI/2 BPSK	50	0		22.99		
10	QPSK	1	1		22.97		24.60
10	QPSK	1	26		23.02		
10	QPSK	1	50		22.92		
10	QPSK	25	0		22.98		23.60
10	QPSK	25	14		22.94		24.60
10	QPSK	25	27		22.93		23.60
10	QPSK	50	0		22.97		
10	16QAM	1	1		22.97		23.60
10	64QAM	1	1		21.47		22.10
10	256QAM	1	1		19.39		20.10
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.94	22.92	22.93	24.60

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.95	23.98	23.95	25.25
40	PI/2 BPSK	1	108	24.64	24.65	24.63	
40	PI/2 BPSK	1	214	24.21	24.20	24.28	
40	PI/2 BPSK	108	0	23.84	23.74	23.82	24.75
40	PI/2 BPSK	108	54	24.50	24.53	24.49	25.25
40	PI/2 BPSK	108	108	23.91	23.96	23.94	24.75
40	PI/2 BPSK	216	0	23.89	23.91	23.90	
40	QPSK	1	1	23.92	24.00	23.94	25.25
40	QPSK	1	108	24.63	24.64	24.62	
40	QPSK	1	214	24.21	24.24	24.28	
40	QPSK	108	0	23.37	23.31	23.31	24.25
40	QPSK	108	54	24.57	24.46	24.56	25.25
40	QPSK	108	108	23.45	23.46	23.46	24.25
40	QPSK	216	0	23.43	23.33	23.46	
40	16QAM	1	1	22.93	23.03	22.94	24.25
40	64QAM	1	1	21.35	21.40	21.33	22.75
40	256QAM	1	1	19.38	19.42	19.35	20.75
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.22	24.24	24.20	25.25
Channel				#REF!	349000	#REF!	Tune-up limit (dBm)
Frequency (MHz)				#REF!	1745	#REF!	
20	PI/2 BPSK	1	1	24.33	24.30	24.34	25.25
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.40	24.38	24.36	25.25
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.46	24.39	24.37	25.25
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.51	24.43	24.41	25.25

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.77	23.81	23.76	25.30
20	PI/2 BPSK	1	53	23.87	23.89	23.86	
20	PI/2 BPSK	1	104	23.84	23.71	23.83	
20	PI/2 BPSK	50	0	23.80	23.64	23.74	24.80
20	PI/2 BPSK	50	28	23.81	23.82	23.81	25.30
20	PI/2 BPSK	50	56	23.70	23.74	23.72	24.80
20	PI/2 BPSK	100	0	23.87	23.71	23.78	
20	QPSK	1	1	23.81	23.58	23.61	25.30
20	QPSK	1	53	23.87	23.85	23.87	
20	QPSK	1	104	23.87	23.43	23.78	
20	QPSK	50	0	23.57	23.35	23.44	24.30
20	QPSK	50	28	23.83	23.34	23.79	25.30
20	QPSK	50	56	23.66	23.49	23.52	24.30
20	QPSK	100	0	23.61	23.40	23.49	
20	16QAM	1	1	23.42	23.23	23.38	24.30
20	64QAM	1	1	21.91	21.73	21.82	22.80
20	256QAM	1	1	19.84	19.71	19.80	20.80
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.62	23.55	23.76	25.30
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.58	23.60	23.79	25.30
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.88	23.55	23.73	25.30

n2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.73	20.60	20.60	21.2
20	PI/2 BPSK	1	53	20.97	20.87	20.86	
20	PI/2 BPSK	1	104	20.75	20.67	20.65	
20	PI/2 BPSK	50	0	20.77	20.73	20.71	21.2
20	PI/2 BPSK	50	28	20.80	20.79	20.75	21.2
20	PI/2 BPSK	50	56	20.79	20.73	20.68	21.2
20	PI/2 BPSK	100	0	20.79	20.73	20.72	
20	QPSK	1	1	20.70	20.61	20.58	21.2
20	QPSK	1	53	20.95	20.86	20.86	
20	QPSK	1	104	20.73	20.73	20.61	
20	QPSK	50	0	20.75	20.73	20.69	21.2
20	QPSK	50	28	20.80	20.78	20.72	21.2
20	QPSK	50	56	20.78	20.73	20.66	21.2
20	QPSK	100	0	20.77	20.72	20.68	
20	16QAM	1	1	20.69	20.60	20.58	21.2
20	64QAM	1	1	20.66	20.56	20.53	21.2
20	256QAM	1	1	20.23	20.17	20.11	21.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.77	20.71	20.62	21.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.79	20.74	20.65	21.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.83	20.77	20.69	21.2

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	20.38	20.41	20.39	20.5
20	PI/2 BPSK	1	53	20.47	20.49	20.48	
20	PI/2 BPSK	1	104	20.36	20.38	20.31	
20	PI/2 BPSK	50	0	20.39	20.41	20.38	20.5
20	PI/2 BPSK	50	28	20.40	20.44	20.39	20.5
20	PI/2 BPSK	50	56	20.38	20.40	20.38	20.5
20	PI/2 BPSK	100	0	20.40	20.42	20.34	
20	QPSK	1	1	20.38	20.40	20.38	20.5
20	QPSK	1	53	20.48	20.50	20.42	
20	QPSK	1	104	20.37	20.39	20.30	
20	QPSK	50	0	20.38	20.40	20.40	20.5
20	QPSK	50	28	20.40	20.42	20.38	20.5
20	QPSK	50	56	20.39	20.41	20.35	20.5
20	QPSK	100	0	20.39	20.41	20.34	
20	16QAM	1	1	20.42	20.44	20.41	20.5
20	64QAM	1	1	20.32	20.34	20.34	20.5
20	256QAM	1	1	19.38	19.40	19.35	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	20.37	20.41	20.36	20.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	20.36	20.39	20.38	20.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	20.37	20.40	20.38	20.5

n25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.55	20.46	20.46	21.2
20	PI/2 BPSK	1	53	20.76	20.72	20.68	
20	PI/2 BPSK	1	104	20.58	20.55	20.46	
20	PI/2 BPSK	50	0	20.60	20.53	20.51	21.2
20	PI/2 BPSK	50	28	20.63	20.60	20.55	21.2
20	PI/2 BPSK	50	56	20.62	20.59	20.54	21.2
20	PI/2 BPSK	100	0	20.59	20.55	20.51	
20	QPSK	1	1	20.55	20.45	20.45	21.2
20	QPSK	1	53	20.75	20.70	20.65	
20	QPSK	1	104	20.59	20.56	20.47	
20	QPSK	50	0	20.60	20.54	20.52	21.2
20	QPSK	50	28	20.61	20.59	20.54	21.2
20	QPSK	50	56	20.62	20.59	20.55	21.2
20	QPSK	100	0	20.58	20.55	20.49	
20	16QAM	1	1	20.54	20.46	20.46	21.2
20	64QAM	1	1	20.46	20.38	20.39	21.2
20	256QAM	1	1	20.07	19.99	20.00	21.2
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	20.60	20.53	20.52	21.2
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	20.63	20.58	20.56	21.2
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	20.67	20.63	20.64	21.2

n30_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		21.98		23.1
10	PI/2 BPSK	1	26		22.15		
10	PI/2 BPSK	1	50		22.00		
10	PI/2 BPSK	25	0		22.01		23.1
10	PI/2 BPSK	25	14		22.06		23.1
10	PI/2 BPSK	25	27		21.99		23.1
10	PI/2 BPSK	50	0		22.01		
10	QPSK	1	1		21.95		23.1
10	QPSK	1	26		22.06		
10	QPSK	1	50		21.98		
10	QPSK	25	0		21.97		23.1
10	QPSK	25	14		22.02		23.1
10	QPSK	25	27		22.00		23.1
10	QPSK	50	0		22.00		
10	16QAM	1	1		22.03		23.1
10	64QAM	1	1		21.50		22.1
10	256QAM	1	1		19.45		20.1
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	21.97	21.95	21.94	23.1

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.20	21.15	21.18	22.7
40	PI/2 BPSK	1	108	21.89	21.91	21.90	
40	PI/2 BPSK	1	214	21.48	21.45	21.38	
40	PI/2 BPSK	108	0	21.56	21.51	21.56	22.7
40	PI/2 BPSK	108	54	21.73	21.75	21.73	22.7
40	PI/2 BPSK	108	108	21.67	21.67	21.68	22.7
40	PI/2 BPSK	216	0	21.60	21.61	21.61	
40	QPSK	1	1	21.19	21.16	21.17	22.7
40	QPSK	1	108	21.90	21.90	21.88	
40	QPSK	1	214	21.47	21.45	21.39	
40	QPSK	108	0	21.55	21.51	21.57	22.7
40	QPSK	108	54	21.73	21.76	21.74	22.7
40	QPSK	108	108	21.66	21.68	21.67	22.7
40	QPSK	216	0	21.61	21.61	21.60	
40	16QAM	1	1	21.20	21.16	21.15	22.7
40	64QAM	1	1	21.13	21.09	21.10	22.7
40	256QAM	1	1	19.33	19.30	19.32	20.7
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.47	21.45	21.43	22.7
Channel				#REF!	349000	#REF!	Tune-up limit (dBm)
Frequency (MHz)				#REF!	1745	#REF!	
20	PI/2 BPSK	1	1	21.63	21.61	21.61	22.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.71	21.69	21.68	22.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.76	21.75	21.73	22.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.80	21.79	21.78	22.7

n2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.63	21.56	21.46	22.5
20	PI/2 BPSK	1	53	21.69	21.65	21.61	
20	PI/2 BPSK	1	104	21.67	21.58	21.46	
20	PI/2 BPSK	50	0	21.61	21.57	21.51	22.5
20	PI/2 BPSK	50	28	21.66	21.60	21.55	22.5
20	PI/2 BPSK	50	56	21.62	21.60	21.50	22.5
20	PI/2 BPSK	100	0	21.65	21.59	21.51	
20	QPSK	1	1	21.64	21.53	21.45	22.5
20	QPSK	1	53	21.67	21.60	21.59	
20	QPSK	1	104	21.61	21.56	21.43	
20	QPSK	50	0	21.59	21.54	21.49	22.5
20	QPSK	50	28	21.64	21.59	21.54	22.5
20	QPSK	50	56	21.61	21.58	21.51	22.5
20	QPSK	100	0	21.62	21.55	21.49	
20	16QAM	1	1	21.64	21.48	21.48	22.5
20	64QAM	1	1	21.58	21.41	21.39	22.5
20	256QAM	1	1	20.13	20.07	19.94	20.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.62	21.54	21.45	22.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.61	21.53	21.43	22.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.62	21.55	21.45	22.5

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	20.38	20.41	20.39	21.3
20	PI/2 BPSK	1	53	20.47	20.49	20.48	
20	PI/2 BPSK	1	104	20.36	20.38	20.31	
20	PI/2 BPSK	50	0	20.39	20.41	20.38	21.3
20	PI/2 BPSK	50	28	20.40	20.44	20.39	21.3
20	PI/2 BPSK	50	56	20.38	20.40	20.38	21.3
20	PI/2 BPSK	100	0	20.40	20.42	20.34	
20	QPSK	1	1	20.38	20.40	20.38	21.3
20	QPSK	1	53	20.48	20.50	20.42	
20	QPSK	1	104	20.37	20.39	20.30	
20	QPSK	50	0	20.38	20.40	20.40	21.3
20	QPSK	50	28	20.40	20.42	20.38	21.3
20	QPSK	50	56	20.39	20.41	20.35	21.3
20	QPSK	100	0	20.39	20.41	20.34	
20	16QAM	1	1	20.42	20.44	20.41	21.3
20	64QAM	1	1	20.32	20.34	20.34	21.3
20	256QAM	1	1	19.38	19.40	19.35	20.3
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	20.37	20.41	20.36	21.3
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	20.36	20.39	20.38	21.3
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	20.37	20.40	20.38	21.3

n25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	21.53	21.43	21.46	22.5
20	PI/2 BPSK	1	53	21.68	21.67	21.64	
20	PI/2 BPSK	1	104	21.57	21.52	21.44	
20	PI/2 BPSK	50	0	21.57	21.52	21.48	22.5
20	PI/2 BPSK	50	28	21.65	21.57	21.51	22.5
20	PI/2 BPSK	50	56	21.60	21.57	21.52	22.5
20	PI/2 BPSK	100	0	21.59	21.54	21.48	
20	QPSK	1	1	21.52	21.42	21.45	22.5
20	QPSK	1	53	21.67	21.64	21.63	
20	QPSK	1	104	21.58	21.51	21.43	
20	QPSK	50	0	21.56	21.50	21.47	22.5
20	QPSK	50	28	21.64	21.55	21.48	22.5
20	QPSK	50	56	21.58	21.58	21.50	22.5
20	QPSK	100	0	21.59	21.53	21.47	
20	16QAM	1	1	21.48	21.46	21.46	22.5
20	64QAM	1	1	21.42	21.40	21.41	22.5
20	256QAM	1	1	20.06	19.99	20.00	20.5
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	21.53	21.43	21.46	22.5
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.52	21.42	21.41	22.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.53	21.42	21.45	22.5

n30_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		21.98		23.9
10	PI/2 BPSK	1	26		22.15		
10	PI/2 BPSK	1	50		22.00		
10	PI/2 BPSK	25	0		22.01		23.9
10	PI/2 BPSK	25	14		22.06		23.9
10	PI/2 BPSK	25	27		21.99		23.9
10	PI/2 BPSK	50	0		22.01		
10	QPSK	1	1		21.95		23.9
10	QPSK	1	26		22.06		
10	QPSK	1	50		21.98		
10	QPSK	25	0		21.97		23.4
10	QPSK	25	14		22.02		23.9
10	QPSK	25	27		22.00		23.4
10	QPSK	50	0		22.00		
10	16QAM	1	1		22.03		23.4
10	64QAM	1	1		21.50		21.9
10	256QAM	1	1		19.45		19.9
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	21.97	21.95	21.94	23.9

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.21	22.17	22.17	23.7
40	PI/2 BPSK	1	108	22.91	22.92	22.90	
40	PI/2 BPSK	1	214	22.48	22.45	22.38	
40	PI/2 BPSK	108	0	22.55	22.51	22.53	23.7
40	PI/2 BPSK	108	54	22.72	22.74	22.72	23.7
40	PI/2 BPSK	108	108	22.67	22.67	22.68	23.7
40	PI/2 BPSK	216	0	22.59	22.60	22.61	
40	QPSK	1	1	22.20	22.16	22.17	23.7
40	QPSK	1	108	22.89	22.89	22.90	
40	QPSK	1	214	22.49	22.43	22.37	
40	QPSK	108	0	22.54	22.51	22.54	23.7
40	QPSK	108	54	22.72	22.76	22.71	23.7
40	QPSK	108	108	22.67	22.66	22.69	23.7
40	QPSK	216	0	22.60	22.61	22.60	
40	16QAM	1	1	22.20	22.17	22.18	23.7
40	64QAM	1	1	21.34	21.28	21.25	22.7
40	256QAM	1	1	19.35	19.30	19.31	20.7
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.46	22.43	22.42	23.7
Channel				#REF!	349000	#REF!	Tune-up limit (dBm)
Frequency (MHz)				#REF!	1745	#REF!	
20	PI/2 BPSK	1	1	22.64	22.61	22.61	23.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.72	22.69	22.70	23.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.75	22.74	22.72	23.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.81	22.81	22.74	23.7

n2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.63	21.56	21.46	21.7
20	PI/2 BPSK	1	53	21.69	21.65	21.61	
20	PI/2 BPSK	1	104	21.67	21.58	21.46	
20	PI/2 BPSK	50	0	21.61	21.57	21.51	21.7
20	PI/2 BPSK	50	28	21.66	21.60	21.55	21.7
20	PI/2 BPSK	50	56	21.62	21.60	21.50	21.7
20	PI/2 BPSK	100	0	21.65	21.59	21.51	
20	QPSK	1	1	21.64	21.53	21.45	21.7
20	QPSK	1	53	21.67	21.60	21.59	
20	QPSK	1	104	21.61	21.56	21.43	
20	QPSK	50	0	21.59	21.54	21.49	21.7
20	QPSK	50	28	21.64	21.59	21.54	21.7
20	QPSK	50	56	21.61	21.58	21.51	21.7
20	QPSK	100	0	21.62	21.55	21.49	
20	16QAM	1	1	21.64	21.48	21.48	21.7
20	64QAM	1	1	21.58	21.41	21.39	21.7
20	256QAM	1	1	20.13	20.07	19.94	20.7
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.62	21.54	21.45	21.7
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.61	21.53	21.43	21.7
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.62	21.55	21.45	21.7

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	20.38	20.41	20.39	21.3
20	PI/2 BPSK	1	53	20.47	20.49	20.48	
20	PI/2 BPSK	1	104	20.36	20.38	20.31	
20	PI/2 BPSK	50	0	20.39	20.41	20.38	21.3
20	PI/2 BPSK	50	28	20.40	20.44	20.39	21.3
20	PI/2 BPSK	50	56	20.38	20.40	20.38	21.3
20	PI/2 BPSK	100	0	20.40	20.42	20.34	
20	QPSK	1	1	20.38	20.40	20.38	21.3
20	QPSK	1	53	20.48	20.50	20.42	
20	QPSK	1	104	20.37	20.39	20.30	
20	QPSK	50	0	20.38	20.40	20.40	21.3
20	QPSK	50	28	20.40	20.42	20.38	21.3
20	QPSK	50	56	20.39	20.41	20.35	21.3
20	QPSK	100	0	20.39	20.41	20.34	
20	16QAM	1	1	20.42	20.44	20.41	21.3
20	64QAM	1	1	20.32	20.34	20.34	21.3
20	256QAM	1	1	19.38	19.40	19.35	20.3
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	20.37	20.41	20.36	21.3
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	20.36	20.39	20.38	21.3
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	20.37	20.40	20.38	21.3

n25_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	21.53	21.43	21.46	21.7
20	PI/2 BPSK	1	53	21.68	21.67	21.64	
20	PI/2 BPSK	1	104	21.57	21.52	21.44	
20	PI/2 BPSK	50	0	21.57	21.52	21.48	21.7
20	PI/2 BPSK	50	28	21.65	21.57	21.51	21.7
20	PI/2 BPSK	50	56	21.60	21.57	21.52	21.7
20	PI/2 BPSK	100	0	21.59	21.54	21.48	
20	QPSK	1	1	21.52	21.42	21.45	21.7
20	QPSK	1	53	21.67	21.64	21.63	
20	QPSK	1	104	21.58	21.51	21.43	
20	QPSK	50	0	21.56	21.50	21.47	21.7
20	QPSK	50	28	21.64	21.55	21.48	21.7
20	QPSK	50	56	21.58	21.58	21.50	21.7
20	QPSK	100	0	21.59	21.53	21.47	
20	16QAM	1	1	21.48	21.46	21.46	21.7
20	64QAM	1	1	21.42	21.40	21.41	21.7
20	256QAM	1	1	20.06	19.99	20.00	20.7
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	21.53	21.43	21.46	21.7
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.52	21.42	21.41	21.7
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.53	21.42	21.45	21.7

n30_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		21.98		23.1
10	PI/2 BPSK	1	26		22.15		
10	PI/2 BPSK	1	50		22.00		
10	PI/2 BPSK	25	0		22.01		23.1
10	PI/2 BPSK	25	14		22.06		23.1
10	PI/2 BPSK	25	27		21.99		23.1
10	PI/2 BPSK	50	0		22.01		
10	QPSK	1	1		21.95		23.1
10	QPSK	1	26		22.06		
10	QPSK	1	50		21.98		
10	QPSK	25	0		21.97		23.1
10	QPSK	25	14		22.02		23.1
10	QPSK	25	27		22.00		23.1
10	QPSK	50	0		22.00		
10	16QAM	1	1		22.03		23.1
10	64QAM	1	1		21.50		22.1
10	256QAM	1	1		19.45		20.1
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	21.97	21.95	21.94	23.1

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.20	21.15	21.18	22.9
40	PI/2 BPSK	1	108	21.89	21.91	21.90	
40	PI/2 BPSK	1	214	21.48	21.45	21.38	
40	PI/2 BPSK	108	0	21.56	21.51	21.56	22.9
40	PI/2 BPSK	108	54	21.73	21.75	21.73	22.9
40	PI/2 BPSK	108	108	21.67	21.67	21.68	22.9
40	PI/2 BPSK	216	0	21.60	21.61	21.61	
40	QPSK	1	1	21.19	21.16	21.17	22.9
40	QPSK	1	108	21.90	21.90	21.88	
40	QPSK	1	214	21.47	21.45	21.39	
40	QPSK	108	0	21.55	21.51	21.57	22.9
40	QPSK	108	54	21.73	21.76	21.74	22.9
40	QPSK	108	108	21.66	21.68	21.67	22.9
40	QPSK	216	0	21.61	21.61	21.60	
40	16QAM	1	1	21.20	21.16	21.15	22.9
40	64QAM	1	1	21.13	21.09	21.10	22.4
40	256QAM	1	1	19.33	19.30	19.32	20.4
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.47	21.45	21.43	22.9
Channel				#REF!	349000	#REF!	Tune-up limit (dBm)
Frequency (MHz)				#REF!	1745	#REF!	
20	PI/2 BPSK	1	1	21.63	21.61	21.61	22.9
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.71	21.69	21.68	22.9
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.76	21.75	21.73	22.9
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.80	21.79	21.78	22.9

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.87	23.96	24.01	25.70
20	PI/2 BPSK	1	53	24.12	24.30	24.29	
20	PI/2 BPSK	1	104	24.01	24.16	24.09	
20	PI/2 BPSK	50	0	23.56	23.67	23.72	25.20
20	PI/2 BPSK	50	28	23.98	24.18	24.16	25.70
20	PI/2 BPSK	50	56	23.59	23.75	23.74	25.20
20	PI/2 BPSK	100	0	23.56	23.76	23.74	
20	QPSK	1	1	23.89	23.92	24.03	25.70
20	QPSK	1	53	24.09	24.22	24.27	
20	QPSK	1	104	24.02	24.15	24.14	
20	QPSK	50	0	23.05	23.19	23.29	24.70
20	QPSK	50	28	24.00	24.16	24.22	25.70
20	QPSK	50	56	23.10	23.27	23.29	24.70
20	QPSK	100	0	23.06	23.21	23.31	
20	16QAM	1	1	22.99	23.06	23.18	24.70
20	64QAM	1	1	21.43	21.50	21.59	23.20
20	256QAM	1	1	19.14	19.46	19.56	21.20
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.86	23.90	24.02	25.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.83	23.92	24.03	25.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.85	23.91	24.02	25.70

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.39	24.38	24.40	25.20
20	PI/2 BPSK	1	53	24.78	24.82	24.79	
20	PI/2 BPSK	1	104	24.63	24.71	24.55	
20	PI/2 BPSK	50	0	24.12	24.14	23.91	24.70
20	PI/2 BPSK	50	28	24.65	24.67	24.42	25.20
20	PI/2 BPSK	50	56	24.20	24.20	23.98	24.70
20	PI/2 BPSK	100	0	24.16	24.18	23.97	
20	QPSK	1	1	24.39	24.36	24.37	25.20
20	QPSK	1	53	24.76	24.78	24.67	
20	QPSK	1	104	24.61	24.71	24.52	
20	QPSK	50	0	23.57	23.66	23.49	24.20
20	QPSK	50	28	24.63	24.68	24.40	25.20
20	QPSK	50	56	23.63	23.72	23.50	24.20
20	QPSK	100	0	23.65	23.65	23.47	
20	16QAM	1	1	23.61	23.61	23.60	24.20
20	64QAM	1	1	22.02	22.02	22.01	22.70
20	256QAM	1	1	20.05	20.03	20.06	20.70
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.37	24.38	24.38	25.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.43	24.42	24.41	25.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.42	24.43	24.38	25.20

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.93	23.94	23.96	25.20
20	PI/2 BPSK	1	53	23.97	24.10	24.09	
20	PI/2 BPSK	1	104	23.86	23.91	24.00	
20	PI/2 BPSK	50	0	23.45	23.47	23.26	24.70
20	PI/2 BPSK	50	28	23.93	23.95	23.92	25.20
20	PI/2 BPSK	50	56	23.44	23.48	23.52	24.70
20	PI/2 BPSK	100	0	23.45	23.50	23.49	
20	QPSK	1	1	23.87	23.92	23.91	25.20
20	QPSK	1	53	23.89	23.93	24.00	
20	QPSK	1	104	23.85	23.88	23.92	
20	QPSK	50	0	22.94	22.93	22.81	24.20
20	QPSK	50	28	23.95	23.96	23.92	25.20
20	QPSK	50	56	22.93	22.95	22.94	24.20
20	QPSK	100	0	22.97	22.98	22.99	
20	16QAM	1	1	22.91	22.96	22.94	24.20
20	64QAM	1	1	21.37	21.38	21.42	22.70
20	256QAM	1	1	19.29	19.33	19.21	20.70
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.88	23.92	23.92	25.20
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.94	23.91	23.95	25.20
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.98	23.93	23.93	25.20

n12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.17	24.29	24.17	25.20
15	PI/2 BPSK	1	40	24.29	24.33	24.29	
15	PI/2 BPSK	1	77	24.30	24.20	24.28	
15	PI/2 BPSK	36	0	23.77	23.84	23.87	24.70
15	PI/2 BPSK	36	22	24.28	24.32	24.30	25.20
15	PI/2 BPSK	36	43	23.88	23.86	23.87	24.70
15	PI/2 BPSK	75	0	23.86	23.85	23.87	
15	QPSK	1	1	24.15	24.14	24.16	25.20
15	QPSK	1	40	24.27	24.16	24.31	
15	QPSK	1	77	24.30	24.10	24.27	
15	QPSK	36	0	23.31	23.36	23.37	24.20
15	QPSK	36	22	24.27	24.31	24.29	25.20
15	QPSK	36	43	23.39	23.36	23.39	24.20
15	QPSK	75	0	23.37	23.33	23.36	
15	16QAM	1	1	23.33	23.18	23.29	24.20
15	64QAM	1	1	21.74	21.65	21.69	22.70
	256QAM	1	1	19.76	19.61	19.73	20.70
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.18	24.18	24.20	25.20
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.20	24.24	24.19	25.20

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.79	23.93	24.05	25.70
20	PI/2 BPSK	1	53	24.07	24.45	24.24	
20	PI/2 BPSK	1	104	23.96	24.13	24.05	
20	PI/2 BPSK	50	0	23.50	23.68	23.72	25.20
20	PI/2 BPSK	50	28	23.94	24.28	24.04	25.70
20	PI/2 BPSK	50	56	23.55	23.75	23.72	25.20
20	PI/2 BPSK	100	0	23.53	23.82	23.61	
20	QPSK	1	1	23.76	23.87	24.02	25.70
20	QPSK	1	53	24.03	24.19	24.23	
20	QPSK	1	104	23.96	24.12	24.05	
20	QPSK	50	0	23.01	23.17	23.23	24.70
20	QPSK	50	28	23.96	24.07	24.14	25.70
20	QPSK	50	56	23.06	23.25	23.22	24.70
20	QPSK	100	0	23.02	23.21	23.20	
20	16QAM	1	1	22.92	22.99	23.10	24.70
20	64QAM	1	1	21.35	21.41	21.56	23.20
20	256QAM	1	1	19.37	19.45	19.49	21.20
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.82	23.96	24.00	25.70
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.86	23.98	24.01	25.70
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.93	24.00	23.99	25.70

n30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.12		25.00
10	PI/2 BPSK	1	26		24.27		
10	PI/2 BPSK	1	50		24.15		
10	PI/2 BPSK	25	0		23.64		24.50
10	PI/2 BPSK	25	14		24.13		25.00
10	PI/2 BPSK	25	27		23.63		24.50
10	PI/2 BPSK	50	0		23.65		
10	QPSK	1	1		24.12		25.00
10	QPSK	1	26		24.22		
10	QPSK	1	50		24.15		
10	QPSK	25	0		23.16		24.00
10	QPSK	25	14		24.16		25.00
10	QPSK	25	27		23.16		24.00
10	QPSK	50	0		23.15		
10	16QAM	1	1		23.13		24.00
10	64QAM	1	1		21.59		22.50
10	256QAM	1	1		19.53		20.50
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	24.08	24.11	24.09	25.00

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.74	23.85	23.74	25.70
40	PI/2 BPSK	1	108	24.47	24.62	24.49	
40	PI/2 BPSK	1	214	24.03	24.19	24.12	
40	PI/2 BPSK	108	0	23.61	24.01	23.60	25.20
40	PI/2 BPSK	108	54	24.30	24.46	24.35	25.70
40	PI/2 BPSK	108	108	23.74	23.89	23.78	25.20
40	PI/2 BPSK	216	0	23.67	23.81	23.69	
40	QPSK	1	1	23.71	23.84	23.70	25.70
40	QPSK	1	108	24.38	24.45	24.43	
40	QPSK	1	214	23.99	24.13	24.07	
40	QPSK	108	0	23.11	23.16	23.11	24.70
40	QPSK	108	54	24.31	24.30	24.37	25.70
40	QPSK	108	108	23.24	23.29	23.32	24.70
40	QPSK	216	0	23.16	23.16	23.24	
40	16QAM	1	1	22.77	22.79	22.79	24.70
40	64QAM	1	1	21.16	21.11	21.29	23.20
40	256QAM	1	1	19.17	19.13	19.18	21.20
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.87	23.73	23.70	25.70
Channel				#REF!	349000	#REF!	Tune-up limit (dBm)
Frequency (MHz)				#REF!	1745	#REF!	
20	PI/2 BPSK	1	1	24.37	24.19	24.19	25.70
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.26	24.20	24.21	25.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.28	24.19	24.24	25.70
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.26	24.21	24.23	25.70

n71_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.18	24.12	24.15	25.20
20	PI/2 BPSK	1	53	24.41	24.45	24.42	
20	PI/2 BPSK	1	104	24.31	24.24	24.23	
20	PI/2 BPSK	50	0	23.78	23.71	23.75	24.70
20	PI/2 BPSK	50	28	24.29	24.33	24.30	25.20
20	PI/2 BPSK	50	56	23.83	23.78	23.80	24.70
20	PI/2 BPSK	100	0	23.79	23.80	23.78	
20	QPSK	1	1	24.18	24.16	24.16	25.20
20	QPSK	1	53	24.39	24.37	24.35	
20	QPSK	1	104	24.29	24.25	24.23	
20	QPSK	50	0	23.28	23.23	23.25	24.20
20	QPSK	50	28	24.34	24.32	24.31	25.20
20	QPSK	50	56	23.34	23.30	23.30	24.20
20	QPSK	100	0	23.31	23.28	23.28	
20	16QAM	1	1	23.19	23.18	23.19	24.20
20	64QAM	1	1	21.63	21.67	21.62	22.70
20	256QAM	1	1	19.59	19.61	19.56	20.70
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.04	24.10	24.08	25.20
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.09	24.08	24.01	25.20
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.18	24.24	24.21	25.20

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.81	22.82	22.90	23.2
20	PI/2 BPSK	1	53	22.96	23.20	23.13	
20	PI/2 BPSK	1	104	22.96	22.97	22.98	
20	PI/2 BPSK	50	0	22.86	22.86	22.84	23.2
20	PI/2 BPSK	50	28	22.86	23.15	22.97	23.2
20	PI/2 BPSK	50	56	22.82	22.96	22.92	23.2
20	PI/2 BPSK	100	0	22.81	23.00	22.92	
20	QPSK	1	1	22.85	22.82	22.82	23.2
20	QPSK	1	53	23.08	23.13	23.04	
20	QPSK	1	104	22.91	23.00	22.89	
20	QPSK	50	0	22.79	22.88	22.82	23.2
20	QPSK	50	28	22.96	22.95	22.92	23.2
20	QPSK	50	56	22.98	23.03	22.99	23.2
20	QPSK	100	0	22.98	22.96	23.00	
20	16QAM	1	1	22.90	22.85	22.86	23.2
20	64QAM	1	1	21.31	21.37	21.35	23.2
20	256QAM	1	1	19.22	19.36	19.26	21.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.82	22.82	22.95	23.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.83	22.81	22.90	23.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.82	22.80	22.87	23.2

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.24	23.25	23.20	24.2
20	PI/2 BPSK	1	53	23.38	23.40	23.41	
20	PI/2 BPSK	1	104	23.25	23.22	23.20	
20	PI/2 BPSK	50	0	23.23	23.24	23.22	24.2
20	PI/2 BPSK	50	28	23.28	23.29	23.30	24.2
20	PI/2 BPSK	50	56	23.28	23.26	23.22	24.2
20	PI/2 BPSK	100	0	23.24	23.25	23.26	
20	QPSK	1	1	23.22	23.20	23.20	24.2
20	QPSK	1	53	23.35	23.28	23.39	
20	QPSK	1	104	23.24	23.20	23.22	
20	QPSK	50	0	22.97	22.94	22.93	24.2
20	QPSK	50	28	23.29	23.29	23.29	24.2
20	QPSK	50	56	22.98	22.96	23.00	24.2
20	QPSK	100	0	22.99	22.94	22.97	
20	16QAM	1	1	22.97	22.98	22.90	23.2
20	64QAM	1	1	21.44	21.42	21.32	22.7
20	256QAM	1	1	19.38	19.33	19.25	20.7
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.28	23.26	23.21	24.2
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.27	23.25	23.20	24.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.27	23.26	23.19	24.2

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.85	22.90	22.98	23.2
20	PI/2 BPSK	1	53	23.01	23.20	23.19	
20	PI/2 BPSK	1	104	23.00	23.04	23.01	
20	PI/2 BPSK	50	0	22.94	22.95	22.94	23.2
20	PI/2 BPSK	50	28	22.95	23.08	23.05	23.2
20	PI/2 BPSK	50	56	22.90	23.05	23.01	23.2
20	PI/2 BPSK	100	0	22.91	23.01	22.99	
20	QPSK	1	1	22.86	22.86	22.86	23.2
20	QPSK	1	53	23.16	23.17	23.09	
20	QPSK	1	104	22.96	23.05	22.97	
20	QPSK	50	0	22.88	22.97	22.88	23.2
20	QPSK	50	28	22.99	23.05	23.01	23.2
20	QPSK	50	56	23.02	23.07	23.00	23.2
20	QPSK	100	0	23.02	23.04	23.00	
20	16QAM	1	1	22.91	22.91	22.87	23.2
20	64QAM	1	1	21.32	21.40	21.38	23.2
20	256QAM	1	1	19.31	19.38	19.29	21.2
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.86	22.85	22.95	23.2
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.82	22.83	22.91	23.2
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.83	22.81	22.90	23.2

n30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		22.89		23.5
10	PI/2 BPSK	1	26		23.00		
10	PI/2 BPSK	1	50		23.22		
10	PI/2 BPSK	25	0		23.14		23.5
10	PI/2 BPSK	25	14		23.15		23.5
10	PI/2 BPSK	25	27		23.14		23.5
10	PI/2 BPSK	50	0		23.18		
10	QPSK	1	1		23.17		23.5
10	QPSK	1	26		23.21		
10	QPSK	1	50		23.18		
10	QPSK	25	0		23.18		23.5
10	QPSK	25	14		23.18		23.5
10	QPSK	25	27		23.18		23.5
10	QPSK	50	0		23.19		
10	16QAM	1	1		23.21		23.5
10	64QAM	1	1		21.39		22.5
10	256QAM	1	1		19.57		20.5
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	23.06	23.01	22.99	23.5

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.02	23.03	23.02	23.9
40	PI/2 BPSK	1	108	23.52	23.56	23.47	
40	PI/2 BPSK	1	214	23.07	23.17	23.13	
40	PI/2 BPSK	108	0	23.10	23.20	23.20	23.9
40	PI/2 BPSK	108	54	23.31	23.39	23.31	23.9
40	PI/2 BPSK	108	108	23.36	23.36	23.28	23.9
40	PI/2 BPSK	216	0	23.17	23.25	23.19	
40	QPSK	1	1	23.00	23.03	23.02	23.9
40	QPSK	1	108	23.39	23.46	23.46	
40	QPSK	1	214	23.10	23.13	23.08	
40	QPSK	108	0	22.83	22.91	22.91	23.9
40	QPSK	108	54	23.34	23.38	23.35	23.9
40	QPSK	108	108	23.02	23.06	22.97	23.9
40	QPSK	216	0	22.86	22.95	22.95	
40	16QAM	1	1	22.57	22.63	22.61	23.9
40	64QAM	1	1	21.17	21.21	21.13	22.4
40	256QAM	1	1	18.92	18.94	18.89	20.4
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.05	23.06	23.04	23.9
Channel				#REF!	349000	#REF!	Tune-up limit (dBm)
Frequency (MHz)				#REF!	1745	#REF!	
20	PI/2 BPSK	1	1	23.03	23.01	23.06	23.9
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.06	23.05	23.07	23.9
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.05	23.03	23.04	23.9
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.06	23.01	23.09	23.9

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.81	22.82	22.90	24.0
20	PI/2 BPSK	1	53	22.96	23.20	23.13	
20	PI/2 BPSK	1	104	22.96	22.97	22.98	
20	PI/2 BPSK	50	0	22.86	22.86	22.84	24.0
20	PI/2 BPSK	50	28	22.86	23.15	22.97	24.0
20	PI/2 BPSK	50	56	22.82	22.96	22.92	24.0
20	PI/2 BPSK	100	0	22.81	23.00	22.92	
20	QPSK	1	1	22.85	22.82	22.82	24.0
20	QPSK	1	53	23.08	23.13	23.04	
20	QPSK	1	104	22.91	23.00	22.89	
20	QPSK	50	0	22.79	22.88	22.82	24.0
20	QPSK	50	28	22.96	22.95	22.92	24.0
20	QPSK	50	56	22.98	23.03	22.99	24.0
20	QPSK	100	0	22.98	22.96	23.00	
20	16QAM	1	1	22.90	22.85	22.86	24.0
20	64QAM	1	1	21.31	21.37	21.35	23.0
20	256QAM	1	1	19.22	19.36	19.26	21.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.82	22.82	22.95	24.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.83	22.81	22.90	24.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.82	22.80	22.87	24.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.24	23.25	23.20	25.0
20	PI/2 BPSK	1	53	23.38	23.40	23.41	
20	PI/2 BPSK	1	104	23.25	23.22	23.20	
20	PI/2 BPSK	50	0	23.23	23.24	23.22	24.5
20	PI/2 BPSK	50	28	23.28	23.29	23.30	25.0
20	PI/2 BPSK	50	56	23.28	23.26	23.22	24.5
20	PI/2 BPSK	100	0	23.24	23.25	23.26	
20	QPSK	1	1	23.22	23.20	23.20	25.0
20	QPSK	1	53	23.35	23.28	23.39	
20	QPSK	1	104	23.24	23.20	23.22	
20	QPSK	50	0	22.97	22.94	22.93	24.0
20	QPSK	50	28	23.29	23.29	23.29	25.0
20	QPSK	50	56	22.98	22.96	23.00	24.0
20	QPSK	100	0	22.99	22.94	22.97	
20	16QAM	1	1	22.97	22.98	22.90	24.0
20	64QAM	1	1	21.44	21.42	21.32	22.5
20	256QAM	1	1	19.38	19.33	19.25	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.28	23.26	23.21	25.0
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.27	23.25	23.20	25.0
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.27	23.26	23.19	25.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.85	22.90	22.98	24.0
20	PI/2 BPSK	1	53	23.01	23.20	23.19	
20	PI/2 BPSK	1	104	23.00	23.04	23.01	
20	PI/2 BPSK	50	0	22.94	22.95	22.94	24.0
20	PI/2 BPSK	50	28	22.95	23.08	23.05	24.0
20	PI/2 BPSK	50	56	22.90	23.05	23.01	24.0
20	PI/2 BPSK	100	0	22.91	23.01	22.99	
20	QPSK	1	1	22.86	22.86	22.86	24.0
20	QPSK	1	53	23.16	23.17	23.09	
20	QPSK	1	104	22.96	23.05	22.97	
20	QPSK	50	0	22.88	22.97	22.88	24.0
20	QPSK	50	28	22.99	23.05	23.01	24.0
20	QPSK	50	56	23.02	23.07	23.00	24.0
20	QPSK	100	0	23.02	23.04	23.00	
20	16QAM	1	1	22.91	22.91	22.87	24.0
20	64QAM	1	1	21.32	21.40	21.38	23.0
20	256QAM	1	1	19.31	19.38	19.29	21.0
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.86	22.85	22.95	24.0
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.82	22.83	22.91	24.0
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.83	22.81	22.90	24.0

n30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		22.89		24.3
10	PI/2 BPSK	1	26		23.00		
10	PI/2 BPSK	1	50		23.22		
10	PI/2 BPSK	25	0		23.14		24.3
10	PI/2 BPSK	25	14		23.15		24.3
10	PI/2 BPSK	25	27		23.14		24.3
10	PI/2 BPSK	50	0		23.18		
10	QPSK	1	1		23.17		24.3
10	QPSK	1	26		23.21		
10	QPSK	1	50		23.18		
10	QPSK	25	0		23.18		23.8
10	QPSK	25	14		23.18		24.3
10	QPSK	25	27		23.18		23.8
10	QPSK	50	0		23.19		
10	16QAM	1	1		23.21		23.8
10	64QAM	1	1		21.39		22.3
10	256QAM	1	1		19.57		20.3
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	23.06	23.01	22.99	24.3

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.02	23.03	23.02	25.0
40	PI/2 BPSK	1	108	23.52	23.56	23.47	
40	PI/2 BPSK	1	214	23.07	23.17	23.13	
40	PI/2 BPSK	108	0	23.10	23.20	23.20	25.0
40	PI/2 BPSK	108	54	23.31	23.39	23.31	25.0
40	PI/2 BPSK	108	108	23.36	23.36	23.28	25.0
40	PI/2 BPSK	216	0	23.17	23.25	23.19	
40	QPSK	1	1	23.00	23.03	23.02	25.0
40	QPSK	1	108	23.39	23.46	23.46	
40	QPSK	1	214	23.10	23.13	23.08	
40	QPSK	108	0	22.83	22.91	22.91	24.0
40	QPSK	108	54	23.34	23.38	23.35	25.0
40	QPSK	108	108	23.02	23.06	22.97	24.0
40	QPSK	216	0	22.86	22.95	22.95	
40	16QAM	1	1	22.57	22.63	22.61	24.0
40	64QAM	1	1	21.17	21.21	21.13	23.0
40	256QAM	1	1	18.92	18.94	18.89	20.5
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.05	23.06	23.04	25.0
Channel				#REF!	349000	#REF!	Tune-up limit (dBm)
Frequency (MHz)				#REF!	1745	#REF!	
20	PI/2 BPSK	1	1	23.03	23.01	23.06	25.0
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.06	23.05	23.07	25.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.05	23.03	23.04	25.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.06	23.01	23.09	25.0

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.81	22.82	22.90	24.0
20	PI/2 BPSK	1	53	22.96	23.20	23.13	
20	PI/2 BPSK	1	104	22.96	22.97	22.98	
20	PI/2 BPSK	50	0	22.86	22.86	22.84	24.0
20	PI/2 BPSK	50	28	22.86	23.15	22.97	24.0
20	PI/2 BPSK	50	56	22.82	22.96	22.92	24.0
20	PI/2 BPSK	100	0	22.81	23.00	22.92	
20	QPSK	1	1	22.85	22.82	22.82	24.0
20	QPSK	1	53	23.08	23.13	23.04	
20	QPSK	1	104	22.91	23.00	22.89	
20	QPSK	50	0	22.79	22.88	22.82	24.0
20	QPSK	50	28	22.96	22.95	22.92	24.0
20	QPSK	50	56	22.98	23.03	22.99	24.0
20	QPSK	100	0	22.98	22.96	23.00	
20	16QAM	1	1	22.90	22.85	22.86	24.0
20	64QAM	1	1	21.31	21.37	21.35	23.0
20	256QAM	1	1	19.22	19.36	19.26	21.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.82	22.82	22.95	24.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.83	22.81	22.90	24.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.82	22.80	22.87	24.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.24	23.25	23.20	25.0
20	PI/2 BPSK	1	53	23.38	23.40	23.41	
20	PI/2 BPSK	1	104	23.25	23.22	23.20	
20	PI/2 BPSK	50	0	23.23	23.24	23.22	24.5
20	PI/2 BPSK	50	28	23.28	23.29	23.30	25.0
20	PI/2 BPSK	50	56	23.28	23.26	23.22	24.5
20	PI/2 BPSK	100	0	23.24	23.25	23.26	
20	QPSK	1	1	23.22	23.20	23.20	25.0
20	QPSK	1	53	23.35	23.28	23.39	
20	QPSK	1	104	23.24	23.20	23.22	
20	QPSK	50	0	22.97	22.94	22.93	24.0
20	QPSK	50	28	23.29	23.29	23.29	25.0
20	QPSK	50	56	22.98	22.96	23.00	24.0
20	QPSK	100	0	22.99	22.94	22.97	
20	16QAM	1	1	22.97	22.98	22.90	24.0
20	64QAM	1	1	21.44	21.42	21.32	22.5
20	256QAM	1	1	19.38	19.33	19.25	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.28	23.26	23.21	25.0
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.27	23.25	23.20	25.0
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.27	23.26	23.19	25.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.85	22.90	22.98	24.0
20	PI/2 BPSK	1	53	23.01	23.20	23.19	
20	PI/2 BPSK	1	104	23.00	23.04	23.01	
20	PI/2 BPSK	50	0	22.94	22.95	22.94	24.0
20	PI/2 BPSK	50	28	22.95	23.08	23.05	24.0
20	PI/2 BPSK	50	56	22.90	23.05	23.01	24.0
20	PI/2 BPSK	100	0	22.91	23.01	22.99	
20	QPSK	1	1	22.86	22.86	22.86	24.0
20	QPSK	1	53	23.16	23.17	23.09	
20	QPSK	1	104	22.96	23.05	22.97	
20	QPSK	50	0	22.88	22.97	22.88	24.0
20	QPSK	50	28	22.99	23.05	23.01	24.0
20	QPSK	50	56	23.02	23.07	23.00	24.0
20	QPSK	100	0	23.02	23.04	23.00	
20	16QAM	1	1	22.91	22.91	22.87	24.0
20	64QAM	1	1	21.32	21.40	21.38	23.0
20	256QAM	1	1	19.31	19.38	19.29	21.0
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.86	22.85	22.95	24.0
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.82	22.83	22.91	24.0
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.83	22.81	22.90	24.0

n30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		22.89		24.3
10	PI/2 BPSK	1	26		23.00		
10	PI/2 BPSK	1	50		23.22		
10	PI/2 BPSK	25	0		23.14		24.3
10	PI/2 BPSK	25	14		23.15		24.3
10	PI/2 BPSK	25	27		23.14		24.3
10	PI/2 BPSK	50	0		23.18		
10	QPSK	1	1		23.17		24.3
10	QPSK	1	26		23.21		
10	QPSK	1	50		23.18		
10	QPSK	25	0		23.18		23.8
10	QPSK	25	14		23.18		24.3
10	QPSK	25	27		23.18		23.8
10	QPSK	50	0		23.19		
10	16QAM	1	1		23.21		23.8
10	64QAM	1	1		21.39		22.3
10	256QAM	1	1		19.57		20.3
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	23.06	23.01	22.99	24.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.02	23.03	23.02	24.2
40	PI/2 BPSK	1	108	23.52	23.56	23.47	
40	PI/2 BPSK	1	214	23.07	23.17	23.13	
40	PI/2 BPSK	108	0	23.10	23.20	23.20	24.2
40	PI/2 BPSK	108	54	23.31	23.39	23.31	24.2
40	PI/2 BPSK	108	108	23.36	23.36	23.28	24.2
40	PI/2 BPSK	216	0	23.17	23.25	23.19	
40	QPSK	1	1	23.00	23.03	23.02	24.2
40	QPSK	1	108	23.39	23.46	23.46	
40	QPSK	1	214	23.10	23.13	23.08	
40	QPSK	108	0	22.83	22.91	22.91	24.2
40	QPSK	108	54	23.34	23.38	23.35	24.2
40	QPSK	108	108	23.02	23.06	22.97	24.2
40	QPSK	216	0	22.86	22.95	22.95	
40	16QAM	1	1	22.57	22.63	22.61	24.2
40	64QAM	1	1	21.17	21.21	21.13	22.7
40	256QAM	1	1	18.92	18.94	18.89	20.7
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.05	23.06	23.04	24.2
Channel				#REF!	349000	#REF!	Tune-up limit (dBm)
Frequency (MHz)				#REF!	1745	#REF!	
20	PI/2 BPSK	1	1	23.03	23.01	23.06	24.2
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.06	23.05	23.07	24.2
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.05	23.03	23.04	24.2
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.06	23.01	23.09	24.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.47	23.52	23.45	25.00
100	PI/2 BPSK	1	137	23.44	23.53	23.48	
100	PI/2 BPSK	1	271	23.50	23.60	23.51	
100	PI/2 BPSK	135	0	21.91	21.95	21.90	24.50
100	PI/2 BPSK	135	69	23.43	23.48	23.47	25.00
100	PI/2 BPSK	135	138	22.50	22.51	22.50	24.50
100	PI/2 BPSK	270	0	22.50	22.51	22.50	
100	QPSK	1	1	23.58	23.56	23.53	25.00
100	QPSK	1	137	23.57	23.55	23.55	
100	QPSK	1	271	23.55	23.59	23.58	
100	QPSK	135	0	22.44	22.45	22.44	25.00
100	QPSK	135	69	23.55	23.52	23.53	
100	QPSK	135	138	22.60	22.41	22.49	
100	QPSK	270	0	22.50	22.56	22.70	24.00
100	16QAM	1	1	22.70	22.65	22.71	24.00
100	64QAM	1	1	21.13	21.09	21.15	22.50
100	256QAM	1	1	19.16	19.16	19.13	20.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.56	23.59	23.54	25.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.54	23.58	23.42	25.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.55	23.53	23.48	25.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.53	23.52	23.40	25.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.51	23.55	23.53	25.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.42	23.45	23.49	25.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.43	23.51	23.35	25.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.57	23.39	23.36	25.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.47	23.50	23.41	25.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.57	23.58	23.53	25.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.93	26.06	26.02	27.20
100	PI/2 BPSK	1	137	25.86	26.04	25.79	
100	PI/2 BPSK	1	271	25.83	26.14	25.86	
100	PI/2 BPSK	135	0	25.30	25.51	25.24	27.20
100	PI/2 BPSK	135	69	25.87	26.03	25.90	27.20
100	PI/2 BPSK	135	138	25.43	25.45	25.16	27.20
100	PI/2 BPSK	270	0	25.36	25.58	25.44	
100	QPSK	1	1	25.92	26.04	25.90	27.20
100	QPSK	1	137	25.90	26.04	25.74	
100	QPSK	1	271	25.86	26.05	25.83	
100	QPSK	135	0	24.80	25.02	24.87	27.20
100	QPSK	135	69	25.88	26.05	25.95	
100	QPSK	135	138	24.94	24.97	24.71	
100	QPSK	270	0	24.86	25.11	24.94	26.20
100	16QAM	1	1	25.07	25.21	24.94	26.20
100	64QAM	1	1	23.47	23.64	23.53	24.70
100	256QAM	1	1	21.53	21.66	21.45	22.70
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.90	25.97	25.95	27.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.86	26.13	25.97	27.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.00	26.05	26.02	27.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.91	26.00	26.03	27.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.88	26.10	26.04	27.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.95	26.01	26.04	27.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	25.90	26.00	25.99	27.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.87	25.97	26.02	27.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.87	26.06	26.00	27.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.84	26.03	26.00	27.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.39		25.00
100	PI/2 BPSK	1	137		23.29		
100	PI/2 BPSK	1	271		23.52		
100	PI/2 BPSK	135	0		21.78		24.50
100	PI/2 BPSK	135	69		23.25		25.00
100	PI/2 BPSK	135	138		22.51		24.50
100	PI/2 BPSK	270	0		22.52		
100	QPSK	1	1		23.45		25.00
100	QPSK	1	137		23.46		
100	QPSK	1	271		23.45		
100	QPSK	135	0		22.51		25.00
100	QPSK	135	69		23.46		
100	QPSK	135	138		22.39		
100	QPSK	270	0		22.79		24.00
100	16QAM	1	1		22.77		24.00
100	64QAM	1	1		21.16		22.50
100	256QAM	1	1		19.14		20.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.27	23.49	23.40	25.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.23	23.41	23.45	25.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.24	23.34	23.38	25.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.33	23.42	23.51	25.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.25	23.42	23.42	25.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.35	23.41	23.37	25.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.22	23.50	23.45	25.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.25	23.40	23.38	25.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.23	23.51	23.49	25.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.26	23.47	23.41	25.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.78		27.20
100	PI/2 BPSK	1	137		25.67		
100	PI/2 BPSK	1	271		25.79		
100	PI/2 BPSK	135	0		25.14		26.70
100	PI/2 BPSK	135	69		25.65		27.20
100	PI/2 BPSK	135	138		25.24		26.70
100	PI/2 BPSK	270	0		25.28		
100	QPSK	1	1		25.77		27.20
100	QPSK	1	137		25.69		
100	QPSK	1	271		25.77		
100	QPSK	135	0		24.65		27.20
100	QPSK	135	69		25.68		
100	QPSK	135	138		24.75		
100	QPSK	270	0		24.80		26.20
100	16QAM	1	1		24.94		26.20
100	64QAM	1	1		23.37		24.70
100	256QAM	1	1		21.39		22.70
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.73	25.69	25.67	27.20
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.70	25.54	25.55	27.20
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.67	25.56	25.59	27.20
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.66	25.54	25.57	27.20
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.66	25.53	25.63	27.20
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.69	25.56	25.57	27.20
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.70	25.60	25.61	27.20
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.72	25.67	25.51	27.20
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.74	25.67	25.60	27.20
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.75	25.68	25.59	27.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.29	21.30	21.33	21.60
100	PI/2 BPSK	1	137	21.26	21.33	21.25	
100	PI/2 BPSK	1	271	21.52	21.59	21.55	
100	PI/2 BPSK	135	0	21.23	21.30	21.34	21.60
100	PI/2 BPSK	135	69	21.20	21.36	21.19	21.60
100	PI/2 BPSK	135	138	21.32	21.35	21.29	21.60
100	PI/2 BPSK	270	0	21.26	21.30	21.22	
100	QPSK	1	1	21.25	21.34	21.33	21.60
100	QPSK	1	137	21.21	21.22	21.19	
100	QPSK	1	271	21.43	21.50	21.49	
100	QPSK	135	0	21.31	21.35	21.28	21.60
100	QPSK	135	69	21.21	21.25	21.24	
100	QPSK	135	138	21.29	21.37	21.33	
100	QPSK	270	0	21.31	21.31	21.25	21.60
100	16QAM	1	1	21.21	21.29	21.29	21.60
100	64QAM	1	1	20.92	21.00	20.90	21.60
100	256QAM	1	1	18.93	18.91	18.94	20.10
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.36	21.20	21.36	21.60
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.25	21.30	21.30	21.60
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.39	21.22	21.25	21.60
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.23	21.34	21.40	21.60
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.33	21.26	21.43	21.60
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.26	21.22	21.27	21.60
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.39	21.34	21.39	21.60
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.23	21.24	21.39	21.60
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.33	21.36	21.27	21.60
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.36	21.40	21.25	21.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.74	23.83	23.66	24.60
100	PI/2 BPSK	1	137	23.63	23.70	23.60	
100	PI/2 BPSK	1	271	23.90	23.97	23.87	
100	PI/2 BPSK	135	0	23.65	23.72	23.62	24.60
100	PI/2 BPSK	135	69	23.72	23.89	23.69	24.60
100	PI/2 BPSK	135	138	23.67	23.74	23.64	24.60
100	PI/2 BPSK	270	0	23.69	23.76	23.66	
100	QPSK	1	1	23.70	23.77	23.67	24.60
100	QPSK	1	137	23.60	23.67	23.57	
100	QPSK	1	271	23.88	23.95	23.85	
100	QPSK	135	0	23.64	23.71	23.61	24.60
100	QPSK	135	69	23.68	23.75	23.65	
100	QPSK	135	138	23.66	23.73	23.63	
100	QPSK	270	0	23.67	23.74	23.64	24.60
100	16QAM	1	1	23.63	23.70	23.60	24.60
100	64QAM	1	1	23.19	23.26	23.16	24.60
100	256QAM	1	1	21.19	21.26	21.16	22.60
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.71	23.76	23.57	24.60
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.74	23.81	23.64	24.60
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.65	23.80	23.57	24.60
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.65	23.75	23.63	24.60
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.69	23.78	23.62	24.60
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.65	23.74	23.58	24.60
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.73	23.79	23.60	24.60
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.66	23.73	23.61	24.60
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.64	23.73	23.58	24.60
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.64	23.77	23.59	24.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.06		21.60
100	PI/2 BPSK	1	137		21.18		
100	PI/2 BPSK	1	271		21.19		
100	PI/2 BPSK	135	0		21.04		21.60
100	PI/2 BPSK	135	69		21.22		21.60
100	PI/2 BPSK	135	138		21.17		21.60
100	PI/2 BPSK	270	0		21.19		
100	QPSK	1	1		21.14		21.60
100	QPSK	1	137		21.14		
100	QPSK	1	271		21.19		
100	QPSK	135	0		21.08		21.60
100	QPSK	135	69		21.18		
100	QPSK	135	138		21.17		
100	QPSK	270	0		21.15		21.60
100	16QAM	1	1		21.15		21.60
100	64QAM	1	1		20.68		21.60
100	256QAM	1	1		18.92		20.10
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.02	20.98	21.05	21.60
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.15	21.15	21.00	21.60
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.98	21.08	21.01	21.60
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.11	21.09	21.02	21.60
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.98	21.07	21.07	21.60
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.11	21.01	21.07	21.60
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.02	21.08	21.16	21.60
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.07	21.00	21.15	21.60
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.08	21.00	21.18	21.60
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.03	21.15	21.17	21.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.56		24.60
100	PI/2 BPSK	1	137		23.65		
100	PI/2 BPSK	1	271		23.81		
100	PI/2 BPSK	135	0		23.51		24.60
100	PI/2 BPSK	135	69		23.76		24.60
100	PI/2 BPSK	135	138		23.61		24.60
100	PI/2 BPSK	270	0		23.59		
100	QPSK	1	1		23.48		24.60
100	QPSK	1	137		23.61		
100	QPSK	1	271		23.63		
100	QPSK	135	0		23.47		24.60
100	QPSK	135	69		23.62		
100	QPSK	135	138		23.59		
100	QPSK	270	0		23.57		24.60
100	16QAM	1	1		23.40		24.60
100	64QAM	1	1		23.07		24.60
100	256QAM	1	1		21.14		22.60
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.49	23.54	23.42	24.60
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.46	23.48	23.42	24.60
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.45	23.45	23.40	24.60
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.42	23.46	23.43	24.60
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.45	23.47	23.41	24.60
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.42	23.47	23.42	24.60
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.41	23.48	23.41	24.60
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.49	23.49	23.49	24.60
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.41	23.53	23.42	24.60
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.47	23.54	23.45	24.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.29	21.30	21.33	22.40
100	PI/2 BPSK	1	137	21.26	21.33	21.25	
100	PI/2 BPSK	1	271	21.52	21.59	21.55	
100	PI/2 BPSK	135	0	21.23	21.30	21.34	22.40
100	PI/2 BPSK	135	69	21.20	21.36	21.19	22.40
100	PI/2 BPSK	135	138	21.32	21.35	21.29	22.40
100	PI/2 BPSK	270	0	21.26	21.30	21.22	
100	QPSK	1	1	21.25	21.34	21.33	22.40
100	QPSK	1	137	21.21	21.22	21.19	
100	QPSK	1	271	21.43	21.50	21.49	
100	QPSK	135	0	21.31	21.35	21.28	22.40
100	QPSK	135	69	21.21	21.25	21.24	
100	QPSK	135	138	21.29	21.37	21.33	
100	QPSK	270	0	21.31	21.31	21.25	22.40
100	16QAM	1	1	21.21	21.29	21.29	22.40
100	64QAM	1	1	20.92	21.00	20.90	22.40
100	256QAM	1	1	18.93	18.91	18.94	20.90
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.36	21.20	21.36	22.40
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.25	21.30	21.30	22.40
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.39	21.22	21.25	22.40
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.23	21.34	21.40	22.40
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.33	21.26	21.43	22.40
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.26	21.22	21.27	22.40
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.39	21.34	21.39	22.40
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.23	21.24	21.39	22.40
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.33	21.36	21.27	22.40
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.36	21.40	21.25	22.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.74	23.83	23.66	25.40
100	PI/2 BPSK	1	137	23.63	23.70	23.60	
100	PI/2 BPSK	1	271	23.90	23.97	23.87	
100	PI/2 BPSK	135	0	23.65	23.72	23.62	25.40
100	PI/2 BPSK	135	69	23.72	23.89	23.69	25.40
100	PI/2 BPSK	135	138	23.67	23.74	23.64	25.40
100	PI/2 BPSK	270	0	23.69	23.76	23.66	
100	QPSK	1	1	23.70	23.77	23.67	25.40
100	QPSK	1	137	23.60	23.67	23.57	
100	QPSK	1	271	23.88	23.95	23.85	
100	QPSK	135	0	23.64	23.71	23.61	25.40
100	QPSK	135	69	23.68	23.75	23.65	
100	QPSK	135	138	23.66	23.73	23.63	
100	QPSK	270	0	23.67	23.74	23.64	25.40
100	16QAM	1	1	23.63	23.70	23.60	25.40
100	64QAM	1	1	23.19	23.26	23.16	25.40
100	256QAM	1	1	21.19	21.26	21.16	23.40
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.71	23.76	23.57	25.40
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.74	23.81	23.64	25.40
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.65	23.80	23.57	25.40
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.65	23.75	23.63	25.40
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.69	23.78	23.62	25.40
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.65	23.74	23.58	25.40
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.73	23.79	23.60	25.40
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.66	23.73	23.61	25.40
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.64	23.73	23.58	25.40
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.64	23.77	23.59	25.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.06		22.40
100	PI/2 BPSK	1	137		21.18		
100	PI/2 BPSK	1	271		21.19		
100	PI/2 BPSK	135	0		21.04		22.40
100	PI/2 BPSK	135	69		21.22		22.40
100	PI/2 BPSK	135	138		21.17		22.40
100	PI/2 BPSK	270	0		21.19		
100	QPSK	1	1		21.14		22.40
100	QPSK	1	137		21.14		
100	QPSK	1	271		21.19		
100	QPSK	135	0		21.08		22.40
100	QPSK	135	69		21.18		
100	QPSK	135	138		21.17		
100	QPSK	270	0		21.15		22.40
100	16QAM	1	1		21.15		22.40
100	64QAM	1	1		20.68		22.40
100	256QAM	1	1		18.92		20.90
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.02	20.98	21.05	22.40
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.15	21.15	21.00	22.40
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.98	21.08	21.01	22.40
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.11	21.09	21.02	22.40
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.98	21.07	21.07	22.40
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.11	21.01	21.07	22.40
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.02	21.08	21.16	22.40
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.07	21.00	21.15	22.40
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.08	21.00	21.18	22.40
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.03	21.15	21.17	22.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.56		25.40
100	PI/2 BPSK	1	137		23.65		
100	PI/2 BPSK	1	271		23.81		
100	PI/2 BPSK	135	0		23.51		25.40
100	PI/2 BPSK	135	69		23.76		25.40
100	PI/2 BPSK	135	138		23.61		25.40
100	PI/2 BPSK	270	0		23.59		
100	QPSK	1	1		23.48		25.40
100	QPSK	1	137		23.61		
100	QPSK	1	271		23.63		
100	QPSK	135	0		23.47		25.40
100	QPSK	135	69		23.62		
100	QPSK	135	138		23.59		
100	QPSK	270	0		23.57		25.40
100	16QAM	1	1		23.40		25.40
100	64QAM	1	1		23.07		25.40
100	256QAM	1	1		21.14		23.40
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.49	23.54	23.42	25.40
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.46	23.48	23.42	25.40
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.45	23.45	23.40	25.40
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.42	23.46	23.43	25.40
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.45	23.47	23.41	25.40
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.42	23.47	23.42	25.40
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.41	23.48	23.41	25.40
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.49	23.49	23.49	25.40
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.41	23.53	23.42	25.40
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.47	23.54	23.45	25.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.29	21.30	21.33	21.60
100	PI/2 BPSK	1	137	21.26	21.33	21.25	
100	PI/2 BPSK	1	271	21.52	21.59	21.55	
100	PI/2 BPSK	135	0	21.23	21.30	21.34	21.60
100	PI/2 BPSK	135	69	21.20	21.36	21.19	21.60
100	PI/2 BPSK	135	138	21.32	21.35	21.29	21.60
100	PI/2 BPSK	270	0	21.26	21.30	21.22	
100	QPSK	1	1	21.25	21.34	21.33	21.60
100	QPSK	1	137	21.21	21.22	21.19	
100	QPSK	1	271	21.43	21.50	21.49	
100	QPSK	135	0	21.31	21.35	21.28	21.60
100	QPSK	135	69	21.21	21.25	21.24	
100	QPSK	135	138	21.29	21.37	21.33	
100	QPSK	270	0	21.31	21.31	21.25	21.60
100	16QAM	1	1	21.21	21.29	21.29	21.60
100	64QAM	1	1	20.92	21.00	20.90	21.60
100	256QAM	1	1	18.93	18.91	18.94	20.10
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.36	21.20	21.36	21.60
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.25	21.30	21.30	21.60
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.39	21.22	21.25	21.60
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.23	21.34	21.40	21.60
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.33	21.26	21.43	21.60
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.26	21.22	21.27	21.60
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.39	21.34	21.39	21.60
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.23	21.24	21.39	21.60
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.33	21.36	21.27	21.60
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.36	21.40	21.25	21.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.74	23.83	23.66	24.60
100	PI/2 BPSK	1	137	23.63	23.70	23.60	
100	PI/2 BPSK	1	271	23.90	23.97	23.87	
100	PI/2 BPSK	135	0	23.65	23.72	23.62	24.60
100	PI/2 BPSK	135	69	23.72	23.89	23.69	24.60
100	PI/2 BPSK	135	138	23.67	23.74	23.64	24.60
100	PI/2 BPSK	270	0	23.69	23.76	23.66	
100	QPSK	1	1	23.70	23.77	23.67	24.60
100	QPSK	1	137	23.60	23.67	23.57	
100	QPSK	1	271	23.88	23.95	23.85	
100	QPSK	135	0	23.64	23.71	23.61	24.60
100	QPSK	135	69	23.68	23.75	23.65	
100	QPSK	135	138	23.66	23.73	23.63	
100	QPSK	270	0	23.67	23.74	23.64	24.60
100	16QAM	1	1	23.63	23.70	23.60	24.60
100	64QAM	1	1	23.19	23.26	23.16	24.60
100	256QAM	1	1	21.19	21.26	21.16	22.60
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.71	23.76	23.57	24.60
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.74	23.81	23.64	24.60
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.65	23.80	23.57	24.60
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.65	23.75	23.63	24.60
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.69	23.78	23.62	24.60
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.65	23.74	23.58	24.60
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.73	23.79	23.60	24.60
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.66	23.73	23.61	24.60
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.64	23.73	23.58	24.60
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.64	23.77	23.59	24.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.06		21.60
100	PI/2 BPSK	1	137		21.18		
100	PI/2 BPSK	1	271		21.19		
100	PI/2 BPSK	135	0		21.04		21.60
100	PI/2 BPSK	135	69		21.22		21.60
100	PI/2 BPSK	135	138		21.17		21.60
100	PI/2 BPSK	270	0		21.19		
100	QPSK	1	1		21.14		21.60
100	QPSK	1	137		21.14		
100	QPSK	1	271		21.19		
100	QPSK	135	0		21.08		21.60
100	QPSK	135	69		21.18		
100	QPSK	135	138		21.17		
100	QPSK	270	0		21.15		21.60
100	16QAM	1	1		21.15		21.60
100	64QAM	1	1		20.68		21.60
100	256QAM	1	1		18.92		20.10
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.02	20.98	21.05	21.60
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.15	21.15	21.00	21.60
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.98	21.08	21.01	21.60
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.11	21.09	21.02	21.60
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.98	21.07	21.07	21.60
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.11	21.01	21.07	21.60
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.02	21.08	21.16	21.60
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.07	21.00	21.15	21.60
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.08	21.00	21.18	21.60
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.03	21.15	21.17	21.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.56		24.60
100	PI/2 BPSK	1	137		23.65		
100	PI/2 BPSK	1	271		23.81		
100	PI/2 BPSK	135	0		23.51		24.60
100	PI/2 BPSK	135	69		23.76		24.60
100	PI/2 BPSK	135	138		23.61		24.60
100	PI/2 BPSK	270	0		23.59		
100	QPSK	1	1		23.48		24.60
100	QPSK	1	137		23.61		
100	QPSK	1	271		23.63		
100	QPSK	135	0		23.47		24.60
100	QPSK	135	69		23.62		
100	QPSK	135	138		23.59		
100	QPSK	270	0		23.57		24.60
100	16QAM	1	1		23.40		24.60
100	64QAM	1	1		23.07		24.60
100	256QAM	1	1		21.14		22.60
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.49	23.54	23.42	24.60
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.46	23.48	23.42	24.60
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.45	23.45	23.40	24.60
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.42	23.46	23.43	24.60
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.45	23.47	23.41	24.60
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.42	23.47	23.42	24.60
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.41	23.48	23.41	24.60
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.49	23.49	23.49	24.60
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.41	23.53	23.42	24.60
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.47	23.54	23.45	24.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.95	22.01	22.20	23.75
100	PI/2 BPSK	1	137	21.76	22.11	22.04	
100	PI/2 BPSK	1	271	21.97	22.34	22.33	
100	PI/2 BPSK	135	0	20.29	20.66	20.73	23.25
100	PI/2 BPSK	135	69	21.77	22.07	22.04	23.75
100	PI/2 BPSK	135	138	21.26	21.25	21.25	23.25
100	PI/2 BPSK	270	0	21.25	21.30	21.26	
100	QPSK	1	1	21.98	22.03	22.33	23.75
100	QPSK	1	137	21.92	22.16	22.15	
100	QPSK	1	271	21.91	22.28	22.33	
100	QPSK	135	0	20.87	21.12	21.30	23.75
100	QPSK	135	69	21.91	22.13	22.17	
100	QPSK	135	138	21.03	21.32	21.24	
100	QPSK	270	0	20.97	21.31	21.36	22.75
100	16QAM	1	1	21.13	21.20	21.46	22.75
100	64QAM	1	1	19.59	19.63	19.92	21.25
100	256QAM	1	1	17.65	17.67	17.93	19.25
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.64	21.60	21.60	23.75
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.92	21.85	21.88	23.75
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.90	21.92	21.93	23.75
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.91	21.88	21.83	23.75
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.83	21.91	21.78	23.75
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.95	21.90	22.00	23.75
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.95	21.97	21.81	23.75
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.80	21.92	21.90	23.75
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.90	22.06	21.92	23.75
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.79	22.06	21.96	23.75

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.51	24.59	24.80	25.90
100	PI/2 BPSK	1	137	24.44	24.65	24.61	
100	PI/2 BPSK	1	271	24.42	24.92	24.84	
100	PI/2 BPSK	135	0	23.89	24.17	24.28	25.90
100	PI/2 BPSK	135	69	24.46	24.62	24.60	25.90
100	PI/2 BPSK	135	138	24.05	24.35	24.20	25.90
100	PI/2 BPSK	270	0	24.02	24.31	24.26	
100	QPSK	1	1	24.52	24.49	24.78	25.90
100	QPSK	1	137	24.45	24.62	24.61	
100	QPSK	1	271	24.44	24.81	24.90	
100	QPSK	135	0	23.44	23.67	23.78	25.90
100	QPSK	135	69	24.44	24.62	24.59	
100	QPSK	135	138	23.57	23.87	23.69	
100	QPSK	270	0	23.52	23.78	23.84	24.90
100	16QAM	1	1	23.68	23.68	23.93	24.90
100	64QAM	1	1	22.15	22.11	22.40	23.40
100	256QAM	1	1	20.17	20.13	20.42	21.40
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.49	24.21	24.67	25.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.45	24.25	24.55	25.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.41	24.28	24.49	25.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.42	24.53	24.68	25.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.42	24.52	24.58	25.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.42	24.55	24.68	25.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.45	24.58	24.64	25.90
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.47	24.62	24.56	25.90
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.50	24.66	24.53	25.90
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.51	24.68	24.57	25.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.22		23.75
100	PI/2 BPSK	1	137		22.18		
100	PI/2 BPSK	1	271		22.28		
100	PI/2 BPSK	135	0		21.30		23.25
100	PI/2 BPSK	135	69		22.17		23.75
100	PI/2 BPSK	135	138		21.86		23.25
100	PI/2 BPSK	270	0		21.81		
100	QPSK	1	1		22.27		23.75
100	QPSK	1	137		22.26		
100	QPSK	1	271		22.05		
100	QPSK	135	0		21.28		23.75
100	QPSK	135	69		22.25		
100	QPSK	135	138		21.40		
100	QPSK	270	0		21.36		22.75
100	16QAM	1	1		21.60		22.75
100	64QAM	1	1		20.04		21.25
100	256QAM	1	1		18.12		19.25
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.10	22.03	22.20	23.75
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.08	22.04	22.16	23.75
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.21	22.19	22.20	23.75
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.05	22.17	22.27	23.75
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.09	22.22	22.16	23.75
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.22	22.09	22.22	23.75
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.20	22.07	22.27	23.75
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.18	22.01	22.16	23.75
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.25	22.16	22.24	23.75
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.22	22.06	22.22	23.75

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.82		25.90
100	PI/2 BPSK	1	137		24.59		
100	PI/2 BPSK	1	271		24.85		
100	PI/2 BPSK	135	0		24.11		25.40
100	PI/2 BPSK	135	69		24.66		25.90
100	PI/2 BPSK	135	138		24.19		25.40
100	PI/2 BPSK	270	0		24.16		
100	QPSK	1	1		24.78		25.90
100	QPSK	1	137		24.57		
100	QPSK	1	271		24.60		
100	QPSK	135	0		23.59		25.90
100	QPSK	135	69		24.52		
100	QPSK	135	138		23.71		
100	QPSK	270	0		23.67		24.90
100	16QAM	1	1		23.91		24.90
100	64QAM	1	1		22.38		23.40
100	256QAM	1	1		20.38		21.40
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.77	24.71	24.75	25.90
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.67	24.64	24.55	25.90
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.65	24.62	24.60	25.90
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.64	24.46	24.39	25.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.66	24.47	24.50	25.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.68	24.49	24.42	25.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.69	24.49	24.50	25.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.71	24.46	24.43	25.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.74	24.50	24.55	25.90
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.76	24.51	24.46	25.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.95	22.01	22.20	22.80
100	PI/2 BPSK	1	137	21.76	22.11	22.04	
100	PI/2 BPSK	1	271	21.97	22.34	22.33	
100	PI/2 BPSK	135	0	20.29	20.66	20.73	22.30
100	PI/2 BPSK	135	69	21.77	22.07	22.04	22.80
100	PI/2 BPSK	135	138	21.26	21.25	21.25	22.30
100	PI/2 BPSK	270	0	21.25	21.30	21.26	
100	QPSK	1	1	21.98	22.03	22.33	22.80
100	QPSK	1	137	21.92	22.16	22.15	
100	QPSK	1	271	21.91	22.28	22.33	
100	QPSK	135	0	20.87	21.12	21.30	22.80
100	QPSK	135	69	21.91	22.13	22.17	
100	QPSK	135	138	21.03	21.32	21.24	
100	QPSK	270	0	20.97	21.31	21.36	21.80
100	16QAM	1	1	21.13	21.20	21.46	21.80
100	64QAM	1	1	19.59	19.63	19.92	20.30
100	256QAM	1	1	17.65	17.67	17.93	18.30
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.64	21.60	21.60	22.80
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.92	21.85	21.88	22.80
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.90	21.92	21.93	22.80
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.91	21.88	21.83	22.80
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.83	21.91	21.78	22.80
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.95	21.90	22.00	22.80
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.95	21.97	21.81	22.80
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.80	21.92	21.90	22.80
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.90	22.06	21.92	22.80
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.79	22.06	21.96	22.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.51	24.59	24.80	25.80
100	PI/2 BPSK	1	137	24.44	24.65	24.61	
100	PI/2 BPSK	1	271	24.42	24.92	24.84	
100	PI/2 BPSK	135	0	23.89	24.17	24.28	25.80
100	PI/2 BPSK	135	69	24.46	24.62	24.60	25.80
100	PI/2 BPSK	135	138	24.05	24.35	24.20	25.80
100	PI/2 BPSK	270	0	24.02	24.31	24.26	
100	QPSK	1	1	24.52	24.49	24.78	25.80
100	QPSK	1	137	24.45	24.62	24.61	
100	QPSK	1	271	24.44	24.81	24.90	
100	QPSK	135	0	23.44	23.67	23.78	25.80
100	QPSK	135	69	24.44	24.62	24.59	
100	QPSK	135	138	23.57	23.87	23.69	
100	QPSK	270	0	23.52	23.78	23.84	24.80
100	16QAM	1	1	23.68	23.68	23.93	24.80
100	64QAM	1	1	22.15	22.11	22.40	23.30
100	256QAM	1	1	20.17	20.13	20.42	21.30
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.49	24.21	24.67	25.80
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.45	24.25	24.55	25.80
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.41	24.28	24.49	25.80
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.42	24.53	24.68	25.80
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.42	24.52	24.58	25.80
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.42	24.55	24.68	25.80
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.45	24.58	24.64	25.80
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.47	24.62	24.56	25.80
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.50	24.66	24.53	25.80
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.51	24.68	24.57	25.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.22		22.80
100	PI/2 BPSK	1	137		22.18		
100	PI/2 BPSK	1	271		22.28		
100	PI/2 BPSK	135	0		21.30		22.30
100	PI/2 BPSK	135	69		22.17		22.80
100	PI/2 BPSK	135	138		21.86		22.30
100	PI/2 BPSK	270	0		21.81		
100	QPSK	1	1		22.27		22.80
100	QPSK	1	137		22.26		
100	QPSK	1	271		22.05		
100	QPSK	135	0		21.28		22.80
100	QPSK	135	69		22.25		
100	QPSK	135	138		21.40		
100	QPSK	270	0		21.36		21.80
100	16QAM	1	1		21.60		21.80
100	64QAM	1	1		20.04		20.30
100	256QAM	1	1		18.12		18.30
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.10	22.03	22.20	22.80
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.08	22.04	22.16	22.80
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.21	22.19	22.20	22.80
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.05	22.17	22.27	22.80
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.09	22.22	22.16	22.80
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.22	22.09	22.22	22.80
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.20	22.07	22.27	22.80
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.18	22.01	22.16	22.80
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.25	22.16	22.24	22.80
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.22	22.06	22.22	22.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.82		25.80
100	PI/2 BPSK	1	137		24.59		
100	PI/2 BPSK	1	271		24.85		
100	PI/2 BPSK	135	0		24.11		25.30
100	PI/2 BPSK	135	69		24.66		25.80
100	PI/2 BPSK	135	138		24.19		25.30
100	PI/2 BPSK	270	0		24.16		
100	QPSK	1	1		24.78		25.80
100	QPSK	1	137		24.57		
100	QPSK	1	271		24.60		
100	QPSK	135	0		23.59		25.80
100	QPSK	135	69		24.52		
100	QPSK	135	138		23.71		
100	QPSK	270	0		23.67		24.80
100	16QAM	1	1		23.91		24.80
100	64QAM	1	1		22.38		23.30
100	256QAM	1	1		20.38		21.30
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.77	24.71	24.75	25.80
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.67	24.64	24.55	25.80
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.65	24.62	24.60	25.80
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.64	24.46	24.39	25.80
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.66	24.47	24.50	25.80
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.68	24.49	24.42	25.80
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.69	24.49	24.50	25.80
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.71	24.46	24.43	25.80
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.74	24.50	24.55	25.80
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.76	24.51	24.46	25.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.95	22.01	22.20	23.60
100	PI/2 BPSK	1	137	21.76	22.11	22.04	
100	PI/2 BPSK	1	271	21.97	22.34	22.33	
100	PI/2 BPSK	135	0	20.29	20.66	20.73	23.10
100	PI/2 BPSK	135	69	21.77	22.07	22.04	23.60
100	PI/2 BPSK	135	138	21.26	21.25	21.25	23.10
100	PI/2 BPSK	270	0	21.25	21.30	21.26	
100	QPSK	1	1	21.98	22.03	22.33	23.60
100	QPSK	1	137	21.92	22.16	22.15	
100	QPSK	1	271	21.91	22.28	22.33	
100	QPSK	135	0	20.87	21.12	21.30	23.60
100	QPSK	135	69	21.91	22.13	22.17	
100	QPSK	135	138	21.03	21.32	21.24	
100	QPSK	270	0	20.97	21.31	21.36	22.60
100	16QAM	1	1	21.13	21.20	21.46	22.60
100	64QAM	1	1	19.59	19.63	19.92	21.10
100	256QAM	1	1	17.65	17.67	17.93	19.10
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.64	21.60	21.60	23.60
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.92	21.85	21.88	23.60
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.90	21.92	21.93	23.60
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.91	21.88	21.83	23.60
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.83	21.91	21.78	23.60
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.95	21.90	22.00	23.60
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.95	21.97	21.81	23.60
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.80	21.92	21.90	23.60
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.90	22.06	21.92	23.60
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.79	22.06	21.96	23.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.51	24.59	24.80	25.90
100	PI/2 BPSK	1	137	24.44	24.65	24.61	
100	PI/2 BPSK	1	271	24.42	24.92	24.84	
100	PI/2 BPSK	135	0	23.89	24.17	24.28	25.90
100	PI/2 BPSK	135	69	24.46	24.62	24.60	25.90
100	PI/2 BPSK	135	138	24.05	24.35	24.20	25.90
100	PI/2 BPSK	270	0	24.02	24.31	24.26	
100	QPSK	1	1	24.52	24.49	24.78	25.90
100	QPSK	1	137	24.45	24.62	24.61	
100	QPSK	1	271	24.44	24.81	24.90	
100	QPSK	135	0	23.44	23.67	23.78	25.90
100	QPSK	135	69	24.44	24.62	24.59	
100	QPSK	135	138	23.57	23.87	23.69	
100	QPSK	270	0	23.52	23.78	23.84	24.90
100	16QAM	1	1	23.68	23.68	23.93	24.90
100	64QAM	1	1	22.15	22.11	22.40	23.40
100	256QAM	1	1	20.17	20.13	20.42	21.40
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.49	24.21	24.67	25.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.45	24.25	24.55	25.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.41	24.28	24.49	25.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.42	24.53	24.68	25.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.42	24.52	24.58	25.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.42	24.55	24.68	25.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.45	24.58	24.64	25.90
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.47	24.62	24.56	25.90
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.50	24.66	24.53	25.90
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.51	24.68	24.57	25.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.22		23.60
100	PI/2 BPSK	1	137		22.18		
100	PI/2 BPSK	1	271		22.28		
100	PI/2 BPSK	135	0		21.30		23.10
100	PI/2 BPSK	135	69		22.17		23.60
100	PI/2 BPSK	135	138		21.86		23.10
100	PI/2 BPSK	270	0		21.81		
100	QPSK	1	1		22.27		23.60
100	QPSK	1	137		22.26		
100	QPSK	1	271		22.05		
100	QPSK	135	0		21.28		23.60
100	QPSK	135	69		22.25		
100	QPSK	135	138		21.40		
100	QPSK	270	0		21.36		22.60
100	16QAM	1	1		21.60		22.60
100	64QAM	1	1		20.04		21.10
100	256QAM	1	1		18.12		19.10
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.10	22.03	22.20	23.60
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.08	22.04	22.16	23.60
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.21	22.19	22.20	23.60
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.05	22.17	22.27	23.60
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.09	22.22	22.16	23.60
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.22	22.09	22.22	23.60
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.20	22.07	22.27	23.60
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.18	22.01	22.16	23.60
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.25	22.16	22.24	23.60
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.22	22.06	22.22	23.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.82		25.90
100	PI/2 BPSK	1	137		24.59		
100	PI/2 BPSK	1	271		24.85		
100	PI/2 BPSK	135	0		24.11		25.40
100	PI/2 BPSK	135	69		24.66		25.90
100	PI/2 BPSK	135	138		24.19		25.40
100	PI/2 BPSK	270	0		24.16		
100	QPSK	1	1		24.78		25.90
100	QPSK	1	137		24.57		
100	QPSK	1	271		24.60		
100	QPSK	135	0		23.59		25.90
100	QPSK	135	69		24.52		
100	QPSK	135	138		23.71		
100	QPSK	270	0		23.67		24.90
100	16QAM	1	1		23.91		24.90
100	64QAM	1	1		22.38		23.40
100	256QAM	1	1		20.38		21.40
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.77	24.71	24.75	25.90
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.67	24.64	24.55	25.90
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.65	24.62	24.60	25.90
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.64	24.46	24.39	25.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.66	24.47	24.50	25.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.68	24.49	24.42	25.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.69	24.49	24.50	25.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.71	24.46	24.43	25.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.74	24.50	24.55	25.90
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.76	24.51	24.46	25.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.95	22.01	22.20	22.80
100	PI/2 BPSK	1	137	21.76	22.11	22.04	
100	PI/2 BPSK	1	271	21.97	22.34	22.33	
100	PI/2 BPSK	135	0	20.29	20.66	20.73	22.30
100	PI/2 BPSK	135	69	21.77	22.07	22.04	22.80
100	PI/2 BPSK	135	138	21.26	21.25	21.25	22.30
100	PI/2 BPSK	270	0	21.25	21.30	21.26	
100	QPSK	1	1	21.98	22.03	22.33	22.80
100	QPSK	1	137	21.92	22.16	22.15	
100	QPSK	1	271	21.91	22.28	22.33	
100	QPSK	135	0	20.87	21.12	21.30	22.80
100	QPSK	135	69	21.91	22.13	22.17	
100	QPSK	135	138	21.03	21.32	21.24	
100	QPSK	270	0	20.97	21.31	21.36	21.80
100	16QAM	1	1	21.13	21.20	21.46	21.80
100	64QAM	1	1	19.59	19.63	19.92	20.30
100	256QAM	1	1	17.65	17.67	17.93	18.30
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.64	21.60	21.60	22.80
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.92	21.85	21.88	22.80
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.90	21.92	21.93	22.80
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.91	21.88	21.83	22.80
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.83	21.91	21.78	22.80
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.95	21.90	22.00	22.80
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.95	21.97	21.81	22.80
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.80	21.92	21.90	22.80
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.90	22.06	21.92	22.80
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.79	22.06	21.96	22.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.51	24.59	24.80	25.80
100	PI/2 BPSK	1	137	24.44	24.65	24.61	
100	PI/2 BPSK	1	271	24.42	24.92	24.84	
100	PI/2 BPSK	135	0	23.89	24.17	24.28	25.80
100	PI/2 BPSK	135	69	24.46	24.62	24.60	25.80
100	PI/2 BPSK	135	138	24.05	24.35	24.20	25.80
100	PI/2 BPSK	270	0	24.02	24.31	24.26	
100	QPSK	1	1	24.52	24.49	24.78	25.80
100	QPSK	1	137	24.45	24.62	24.61	
100	QPSK	1	271	24.44	24.81	24.90	
100	QPSK	135	0	23.44	23.67	23.78	25.80
100	QPSK	135	69	24.44	24.62	24.59	
100	QPSK	135	138	23.57	23.87	23.69	
100	QPSK	270	0	23.52	23.78	23.84	24.80
100	16QAM	1	1	23.68	23.68	23.93	24.80
100	64QAM	1	1	22.15	22.11	22.40	23.30
100	256QAM	1	1	20.17	20.13	20.42	21.30
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.49	24.21	24.67	25.80
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.45	24.25	24.55	25.80
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.41	24.28	24.49	25.80
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.42	24.53	24.68	25.80
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.42	24.52	24.58	25.80
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.42	24.55	24.68	25.80
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.45	24.58	24.64	25.80
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.47	24.62	24.56	25.80
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.50	24.66	24.53	25.80
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.51	24.68	24.57	25.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.22		22.80
100	PI/2 BPSK	1	137		22.18		
100	PI/2 BPSK	1	271		22.28		
100	PI/2 BPSK	135	0		21.30		22.30
100	PI/2 BPSK	135	69		22.17		22.80
100	PI/2 BPSK	135	138		21.86		22.30
100	PI/2 BPSK	270	0		21.81		
100	QPSK	1	1		22.27		22.80
100	QPSK	1	137		22.26		
100	QPSK	1	271		22.05		
100	QPSK	135	0		21.28		22.80
100	QPSK	135	69		22.25		
100	QPSK	135	138		21.40		
100	QPSK	270	0		21.36		21.80
100	16QAM	1	1		21.60		21.80
100	64QAM	1	1		20.04		20.30
100	256QAM	1	1		18.12		18.30
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.10	22.03	22.20	22.80
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.08	22.04	22.16	22.80
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.21	22.19	22.20	22.80
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.05	22.17	22.27	22.80
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.09	22.22	22.16	22.80
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.22	22.09	22.22	22.80
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.20	22.07	22.27	22.80
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.18	22.01	22.16	22.80
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.25	22.16	22.24	22.80
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.22	22.06	22.22	22.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.82		25.80
100	PI/2 BPSK	1	137		24.59		
100	PI/2 BPSK	1	271		24.85		
100	PI/2 BPSK	135	0		24.11		25.30
100	PI/2 BPSK	135	69		24.66		25.80
100	PI/2 BPSK	135	138		24.19		25.30
100	PI/2 BPSK	270	0		24.16		
100	QPSK	1	1		24.78		25.80
100	QPSK	1	137		24.57		
100	QPSK	1	271		24.60		
100	QPSK	135	0		23.59		25.80
100	QPSK	135	69		24.52		
100	QPSK	135	138		23.71		
100	QPSK	270	0		23.67		24.80
100	16QAM	1	1		23.91		24.80
100	64QAM	1	1		22.38		23.30
100	256QAM	1	1		20.38		21.30
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.77	24.71	24.75	25.80
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.67	24.64	24.55	25.80
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.65	24.62	24.60	25.80
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.64	24.46	24.39	25.80
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.66	24.47	24.50	25.80
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.68	24.49	24.42	25.80
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.69	24.49	24.50	25.80
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.71	24.46	24.43	25.80
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.74	24.50	24.55	25.80
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.76	24.51	24.46	25.80

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.65	19.50	98.90
		6	2437	18.85	19.50	
		11	2462	19.15	19.50	
		12	2467	19.05	19.50	
		13	2472	18.55	19.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.50	17.50	98.90
		6	2437	17.05	17.50	
		11	2462	17.35	17.50	
		12	2467	17.50	17.50	
		13	2472	17.45	17.50	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	18.00	18.00	17.05	17.50	20.56	20.8	93.40
		6	2437	19.35	19.50	17.45	17.50	21.51	21.6	
		11	2462	16.15	17.00	15.85	17.00	19.01	20.0	
		12	2467	14.85	15.00	14.35	15.00	17.62	18.0	
		13	2472	13.35	13.50	12.45	13.50	15.93	16.5	
	802.11n-HT20 MCS0	1	2412	not required	18.00	not required	17.50	not required	20.8	not required
		6	2437		19.50		17.50		21.6	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	1	2412		18.00		17.50		20.8	
		6	2437		19.50		17.50		21.6	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ax-HE20 MCS0	1	2412		18.00		17.50		20.8	
		6	2437		19.50		17.50		21.6	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	16.00	not required	16.00	not required	19.0	not required
		40	5200		16.00		16.00		19.0	
		44	5220		16.00		16.00		19.0	
		48	5240		16.00		16.00		19.0	
	802.11n-HT20 MCS0	36	5180		16.00		16.00		19.0	
		40	5200		16.00		16.00		19.0	
		44	5220		16.00		16.00		19.0	
		48	5240		16.00		16.00		19.0	
	802.11n-HT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	36	5180		16.00		16.00		19.0	
		40	5200		16.00		16.00		19.0	
		44	5220		16.00		16.00		19.0	
		48	5240		16.00		16.00		19.0	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		16.00		19.0	
	802.11ac-VHT80 MCS0	42	5210		16.00		16.00		19.0	
	802.11ax-HE20 MCS0	36	5180		16.00		16.00		19.0	
		40	5200		16.00		16.00		19.0	
		44	5220		16.00		16.00		19.0	
		48	5240		16.00		16.00		19.0	
	802.11ax-HE40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		16.00		19.0	
	802.11ax-HE80 MCS0	42	5210		16.00		16.00		19.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	16.00	not required	16.00	not required	19.0	not required
		56	5280		16.00		16.00		19.0	
		60	5300		16.00		16.00		19.0	
		64	5320		16.00		16.00		19.0	
	802.11n-HT20 MCS0	52	5260		16.00		16.00		19.0	
		56	5280		16.00		16.00		19.0	
		60	5300		16.00		16.00		19.0	
		64	5320		16.00		16.00		19.0	
	802.11n-HT40 MCS0	54	5270	15.90	16.00	15.50	16.00	18.71	19.0	96.79
		62	5310	15.90	16.00	15.40	16.00	18.67	19.0	
	802.11ac-VHT20 MCS0	52	5260	not required	16.00	not required	16.00	not required	19.0	not required
		56	5280		16.00		16.00		19.0	
		60	5300		16.00		16.00		19.0	
		64	5320		16.00		16.00		19.0	
	802.11ac-VHT40 MCS0	54	5270		16.00		16.00		19.0	
		62	5310		16.00		16.00		19.0	
	802.11ac-VHT80 MCS0	58	5290	15.90	16.00	15.40	16.00	18.67	19.0	87.95
	802.11ac-VHT160 MCS0	50	5250	not required	14.00	not required	14.00	not required	17.0	not required
	802.11ax-HE20 MCS0	52	5260		16.00		16.00		19.0	
		56	5280		16.00		16.00		19.0	
		60	5300		16.00		16.00		19.0	
		64	5320		16.00		16.00		19.0	
	802.11ax-HE40 MCS0	54	5270		16.00		16.00		19.0	
		62	5310		16.00		16.00		19.0	
	802.11ax-HE80 MCS0	58	5290		16.00		16.00		19.0	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	19.00	not required	14.50	not required	20.3	not required
		116	5580		19.00		14.50		20.3	
		124	5620		19.00		14.50		20.3	
		132	5660		19.00		14.50		20.3	
		140	5700		16.00		14.50		18.3	
		144	5720		19.00		14.50		20.3	
	802.11n-HT20 MCS0	100	5500		19.00		14.50		20.3	
		116	5580		19.00		14.50		20.3	
		124	5620		19.00		14.50		20.3	
		132	5660		19.00		14.50		20.3	
		140	5700		19.00		14.50		20.3	
		144	5720		19.00		14.50		20.3	
	802.11n-HT40 MCS0	102	5510		16.00		14.50		18.3	
		110	5550		19.00		14.50		20.3	
		126	5630		19.00		14.50		20.3	
		134	5670		19.00		14.50		20.3	
		142	5710		19.00		14.50		20.3	
	802.11ac-VHT20 MCS0	100	5500		19.00		14.50		20.3	
		116	5580		19.00		14.50		20.3	
		124	5620		19.00		14.50		20.3	
		132	5660		19.00		14.50		20.3	
		140	5700		19.00		14.50		20.3	
		144	5720		19.00		14.50		20.3	
	802.11ac-VHT40 MCS0	102	5510		16.00		14.50		18.3	
		110	5550		19.00		14.50		20.3	
		126	5630		19.00		14.50		20.3	
		134	5670		19.00		14.50		20.3	
		142	5710		19.00		14.50		20.3	
	802.11ac-VHT80 MCS0	106	5530	16.40	16.50	13.80	14.50	18.30	18.6	87.95
		122	5610	18.80	19.00	13.80	14.50	19.99	20.3	
		138	5690	18.90	19.00	13.80	14.50	20.07	20.3	
	802.11ac-VHT160 MCS0	114	5570	not required	15.50	not required	14.50	not required	18.0	not required
	802.11ax-HE20 MCS0	100	5500		19.00		14.50		20.3	
		116	5580		19.00		14.50		20.3	
		124	5620		19.00		14.50		20.3	
		132	5660		19.00		14.50		20.3	
		140	5700		19.00		14.50		20.3	
		144	5720		19.00		14.50		20.3	
	802.11ax-HE40 MCS0	102	5510		16.00		14.50		18.3	
		110	5550		19.00		14.50		20.3	
		126	5630		19.00		14.50		20.3	
		134	5670		19.00		14.50		20.3	
		142	5710		19.00		14.50		20.3	
	802.11ax-HE80 MCS0	106	5530		16.50		14.50		18.6	
		122	5610		19.00		14.50		20.3	
		138	5690		19.00		14.50		20.3	
	802.11ax-HE160 MCS0	114	5570		15.50		14.50		18.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	18.50	not required	14.00	not required	19.8	not required
		157	5785		18.50		14.00		19.8	
		165	5825		18.50		14.00		19.8	
	802.11n-HT20 MCS0	149	5745		18.50		14.00		19.8	
		157	5785		18.50		14.00		19.8	
		165	5825		18.50		14.00		19.8	
	802.11n-HT40 MCS0	151	5755	18.50	18.50	13.70	14.00	19.74	19.8	96.79
		159	5795	18.30	18.50	13.90	14.00	19.65	19.8	
	802.11ac-VHT20 MCS0	149	5745	not required	18.50	not required	14.00	not required	19.8	not required
		157	5785		18.50		14.00		19.8	
		165	5825		18.50		14.00		19.8	
	802.11ac-VHT40 MCS0	151	5755		18.50		14.00		19.8	
		159	5795		18.50		14.00		19.8	
	802.11ac-VHT80 MCS0	155	5775	18.40	18.50	13.70	14.00	19.67	19.8	87.95
	802.11ax-HE20 MCS0	149	5745	not required	18.50	not required	14.00	not required	19.8	not required
		157	5785		18.50		14.00		19.8	
		165	5825		18.50		14.00		19.8	
	802.11ax-HE40 MCS0	151	5755		18.50		14.00		19.8	
		159	5795		18.50		14.00		19.8	
	802.11ax-HE80 MCS0	155	5775		18.50		14.00		19.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	18.50	not required	14.00	not required	19.8	not required
		173	5865		18.50		14.00		19.8	
		177	5885		18.50		14.00		19.8	
	802.11n-HT20 MCS0	169	5845		18.50		14.00		19.8	
		173	5865		18.50		14.00		19.8	
		177	5885		18.50		14.00		19.8	
	802.11n-HT40 MCS0	167	5835		18.50		14.00		19.8	
		175	5875		18.50		14.00		19.8	
	802.11ac-VHT20 MCS0	169	5845		18.50		14.00		19.8	
		173	5865		18.50		14.00		19.8	
		177	5885		18.50		14.00		19.8	
	802.11ac-VHT40 MCS0	167	5835		18.50		14.00		19.8	
		175	5875		18.50		14.00		19.8	
	802.11ac-VHT80 MCS0	171	5855	18.30	18.50	13.90	14.00	19.65	19.8	88.10
	802.11ac-VHT160 MCS0	163	5815	18.50	18.50	13.90	14.00	19.79	19.8	86.20
	802.11ax-HE20 MCS0	169	5845	not required	18.50	not required	14.00	not required	19.8	not required
		173	5865		18.50		14.00		19.8	
		177	5885		18.50		14.00		19.8	
	802.11ax-HE40 MCS0	167	5835		18.50		14.00		19.8	
		175	5875		18.50		14.00		19.8	
	802.11ax-HE80 MCS0	171	5855		18.50		14.00		19.8	
	802.11ax-HE160 MCS0	163	5815		18.50		14.00		19.8	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.05	16.50	98.90
		6	2437	16.15	16.50	
		11	2462	16.25	16.50	
		12	2467	16.25	16.50	
		13	2472	16.15	16.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.25	14.50	98.90
		6	2437	14.50	14.50	
		11	2462	14.35	14.50	
		12	2467	14.45	14.50	
		13	2472	14.35	14.50	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	16.15	16.50	14.45	14.50	18.39	18.6	93.40
		6	2437	16.25	16.50	14.15	14.50	18.34	18.6	
		11	2462	16.45	16.50	14.30	14.50	18.52	18.6	
		12	2467	14.85	15.00	13.85	14.00	17.39	17.5	
		13	2472	13.35	13.50	12.45	13.50	15.93	16.5	
	802.11n-HT20 MCS0	1	2412	not required	16.50	not required	14.50	not required	18.6	not required
		6	2437		16.50		14.50		18.6	
		11	2462		16.50		14.50		18.6	
		12	2467		15.00		14.00		17.5	
		13	2472		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	1	2412		16.50		14.50		18.6	
		6	2437		16.50		14.50		18.6	
		11	2462		16.50		14.50		18.6	
		12	2467		15.00		14.00		17.5	
		13	2472		13.50		13.50		16.5	
	802.11ax-HE20 MCS0	1	2412		16.50		14.50		17.0	
		6	2437		16.50		14.50		17.0	
		11	2462		16.50		14.50		17.0	
		12	2467		15.00		14.00		17.0	
		13	2472		13.50		13.50		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	15.50	not required	15.50	not required	18.5	not required
		40	5200		15.50		15.50		18.5	
		44	5220		15.50		15.50		18.5	
		48	5240		15.50		15.50		18.5	
	802.11n-HT20 MCS0	36	5180		15.50		15.50		18.5	
		40	5200		15.50		15.50		18.5	
		44	5220		15.50		15.50		18.5	
		48	5240		15.50		15.50		18.5	
	802.11n-HT40 MCS0	38	5190		15.50		15.50		18.5	
		46	5230		15.50		15.50		18.5	
	802.11ac-VHT20 MCS0	36	5180		15.50		15.50		18.5	
		40	5200		15.50		15.50		18.5	
		44	5220		15.50		15.50		18.5	
		48	5240		15.50		15.50		18.5	
	802.11ac-VHT40 MCS0	38	5190		15.50		15.50		18.5	
		46	5230		15.50		15.50		18.5	
	802.11ac-VHT80 MCS0	42	5210		15.50		15.50		18.5	
	802.11ax-HE20 MCS0	36	5180		15.50		15.50		18.5	
		40	5200		15.50		15.50		18.5	
		44	5220		15.50		15.50		18.5	
		48	5240		15.50		15.50		18.5	
	802.11ax-HE40 MCS0	38	5190		15.50		15.50		18.5	
		46	5230		15.50		15.50		18.5	
	802.11ax-HE80 MCS0	42	5210		15.50		15.50		18.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	15.50	not required	15.50	not required	18.5	not required
		56	5280		15.50		15.50		18.5	
		60	5300		15.50		15.50		18.5	
		64	5320		15.50		15.50		18.5	
	802.11n-HT20 MCS0	52	5260		15.50		15.50		18.5	
		56	5280		15.50		15.50		18.5	
		60	5300		15.50		15.50		18.5	
		64	5320		15.50		15.50		18.5	
	802.11n-HT40 MCS0	54	5270	15.40	15.50	15.10	15.50	18.26	18.5	96.79
		62	5310	15.40	15.50	14.90	15.50	18.17	18.5	
	802.11ac-VHT20 MCS0	52	5260	not required	15.50	not required	15.50	not required	18.5	not required
		56	5280		15.50		15.50		18.5	
		60	5300		15.50		15.50		18.5	
		64	5320		15.50		15.50		18.5	
	802.11ac-VHT40 MCS0	54	5270		15.50		15.50		18.5	
		62	5310		15.50		15.50		18.5	
	802.11ac-VHT80 MCS0	58	5290	15.40	15.50	15.00	15.50	18.21	18.5	87.95
	802.11ac-VHT160 MCS0	50	5250	not required	14.00	not required	14.00	not required	17.0	not required
	802.11ax-HE20 MCS0	52	5260		15.50		15.50		18.5	
		56	5280		15.50		15.50		18.5	
		60	5300		15.50		15.50		18.5	
		64	5320		15.50		15.50		18.5	
	802.11ax-HE40 MCS0	54	5270		15.50		15.50		18.5	
		62	5310		15.50		15.50		18.5	
	802.11ax-HE80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	18.50	not required	14.00	not required	19.8	not required
		116	5580		18.50		14.00		19.8	
		124	5620		18.50		14.00		19.8	
		132	5660		18.50		14.00		19.8	
		140	5700		18.50		14.00		19.8	
		144	5720		18.50		14.00		19.8	
	802.11n-HT20 MCS0	100	5500		18.50		14.00		19.8	
		116	5580		18.50		14.00		19.8	
		124	5620		18.50		14.00		19.8	
		132	5660		18.50		14.00		19.8	
		140	5700		18.50		14.00		19.8	
		144	5720		18.50		14.00		19.8	
	802.11n-HT40 MCS0	102	5510		16.00		14.00		18.1	
		110	5550		18.50		14.00		19.8	
		126	5630		18.50		14.00		19.8	
		134	5670		18.50		14.00		19.8	
		142	5710		18.50		14.00		19.8	
	802.11ac-VHT20 MCS0	100	5500		18.50		14.00		19.8	
		116	5580		18.50		14.00		19.8	
		124	5620		18.50		14.00		19.8	
		132	5660		18.50		14.00		19.8	
		140	5700		18.50		14.00		19.8	
		144	5720		18.50		14.00		19.8	
	802.11ac-VHT40 MCS0	102	5510		16.00		14.00		18.1	
		110	5550		18.50		14.00		19.8	
		126	5630		18.50		14.00		19.8	
		134	5670		18.50		14.00		19.8	
		142	5710		18.50		14.00		19.8	
	802.11ac-VHT80 MCS0	106	5530	16.50	16.50	12.90	14.00	18.07	18.4	87.95
		122	5610	18.50	18.50	12.60	14.00	19.49	19.8	
		138	5690	18.30	18.50	13.10	14.00	19.45	19.8	
	802.11ac-VHT160 MCS0	114	5570	not required	15.50	not required	14.00	not required	17.8	not required
	802.11ax-HE20 MCS0	100	5500		18.50		14.00		19.8	
		116	5580		18.50		14.00		19.8	
		124	5620		18.50		14.00		19.8	
		132	5660		18.50		14.00		19.8	
		140	5700		18.50		14.00		19.8	
		144	5720		18.50		14.00		19.8	
	802.11ax-HE40 MCS0	102	5510		16.00		14.00		18.1	
		110	5550		18.50		14.00		19.8	
		126	5630		18.50		14.00		19.8	
		134	5670		18.50		14.00		19.8	
		142	5710		18.50		14.00		19.8	
	802.11ax-HE80 MCS0	106	5530		16.50		14.00		18.4	
		122	5610		18.50		14.00		19.8	
		138	5690		18.50		14.00		19.8	
	802.11ax-HE160 MCS0	114	5570		15.50		14.00		17.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	17.50	not required	13.00	not required	18.8	not required
		157	5785		17.50		13.00		18.8	
		165	5825		17.50		13.00		18.8	
	802.11n-HT20 MCS0	149	5745		17.50		13.00		18.8	
		157	5785		17.50		13.00		18.8	
		165	5825		17.50		13.00		18.8	
	802.11n-HT40 MCS0	151	5755	17.40	17.50	12.90	13.00	18.72	18.8	96.79
		159	5795	17.30	17.50	13.00	13.00	18.67	18.8	
	802.11ac-VHT20 MCS0	149	5745	not required	17.50	not required	13.00	not required	18.8	not required
		157	5785		17.50		13.00		18.8	
		165	5825		17.50		13.00		18.8	
	802.11ac-VHT40 MCS0	151	5755		17.50		13.00		18.8	
		159	5795		17.50		13.00		18.8	
	802.11ac-VHT80 MCS0	155	5775	17.30	17.50	12.70	13.00	18.59	18.8	87.95
	802.11ax-HE20 MCS0	149	5745	not required	17.50	not required	13.00	not required	18.8	not required
		157	5785		17.50		13.00		18.8	
		165	5825		17.50		13.00		18.8	
	802.11ax-HE40 MCS0	151	5755		17.50		13.00		18.8	
		159	5795		17.50		13.00		18.8	
	802.11ax-HE80 MCS0	155	5775		17.50		13.00		18.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	17.50	not required	13.00	not required	18.8	not required
		173	5865		17.50		13.00		18.8	
		177	5885		17.50		13.00		18.8	
	802.11n-HT20 MCS0	169	5845		17.50		13.00		18.8	
		173	5865		17.50		13.00		18.8	
		177	5885		17.50		13.00		18.8	
	802.11n-HT40 MCS0	167	5835		17.50		13.00		18.8	
		175	5875		17.50		13.00		18.8	
	802.11ac-VHT20 MCS0	169	5845		17.50		13.00		18.8	
		173	5865		17.50		13.00		18.8	
		177	5885		17.50		13.00		18.8	
	802.11ac-VHT40 MCS0	167	5835		17.50		13.00		18.8	
		175	5875		17.50		13.00		18.8	
	802.11ac-VHT80 MCS0	171	5855	17.40	17.50	12.80	13.00	18.69	18.8	88.10
	802.11ac-VHT160 MCS0	163	5815	17.50	17.50	12.90	13.00	18.79	18.8	86.20
	802.11ax-HE20 MCS0	169	5845	not required	17.50	not required	13.00	not required	18.8	not required
		173	5865		17.50		13.00		18.8	
		177	5885		17.50		13.00		18.8	
	802.11ax-HE40 MCS0	167	5835		17.50		13.00		18.8	
		175	5875		17.50		13.00		18.8	
	802.11ax-HE80 MCS0	171	5855		17.50		13.00		18.8	
	802.11ax-HE160 MCS0	163	5815	17.50	17.50	12.90	13.00	18.79	18.8	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.05	16.50	98.90
		6	2437	16.15	16.50	
		11	2462	16.25	16.50	
		12	2467	16.25	16.50	
		13	2472	16.15	16.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.25	14.50	98.90
		6	2437	14.50	14.50	
		11	2462	14.35	14.50	
		12	2467	14.45	14.50	
		13	2472	14.35	14.50	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	16.15	16.50	14.45	14.50	18.39	18.6	93.40
		6	2437	16.25	16.50	14.15	14.50	18.34	18.6	
		11	2462	16.45	16.50	14.30	14.50	18.52	18.6	
		12	2467	14.85	15.00	13.85	14.00	17.39	17.5	
		13	2472	13.35	13.50	12.45	13.50	15.93	16.5	
	802.11n-HT20 MCS0	1	2412	not required	16.50	not required	14.50	not required	18.6	not required
		6	2437		16.50		14.50		18.6	
		11	2462		16.50		14.50		18.6	
		12	2467		15.00		14.00		17.5	
		13	2472		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	1	2412		16.50		14.50		18.6	
		6	2437		16.50		14.50		18.6	
		11	2462		16.50		14.50		18.6	
		12	2467		15.00		14.00		17.5	
		13	2472		13.50		13.50		16.5	
	802.11ax-HE20 MCS0	1	2412		16.50		14.50		17.0	
		6	2437		16.50		14.50		17.0	
		11	2462		16.50		14.50		17.0	
		12	2467		15.00		14.00		17.0	
		13	2472		13.50		13.50		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	13.00	not required	11.00	not required	15.1	not required
		40	5200		13.00		11.00		15.1	
		44	5220		13.00		11.00		15.1	
		48	5240		13.00		11.00		15.1	
	802.11n-HT20 MCS0	36	5180		13.00		11.00		15.1	
		40	5200		13.00		11.00		15.1	
		44	5220		13.00		11.00		15.1	
		48	5240		13.00		11.00		15.1	
	802.11n-HT40 MCS0	38	5190		13.00		11.00		15.1	
		46	5230		13.00		11.00		15.1	
	802.11ac-VHT20 MCS0	36	5180		13.00		11.00		15.1	
		40	5200		13.00		11.00		15.1	
		44	5220		13.00		11.00		15.1	
		48	5240		13.00		11.00		15.1	
	802.11ac-VHT40 MCS0	38	5190		13.00		11.00		15.1	
		46	5230		13.00		11.00		15.1	
	802.11ac-VHT80 MCS0	42	5210		13.00		11.00		15.1	
	802.11ax-HE20 MCS0	36	5180		13.00		11.00		15.1	
		40	5200		13.00		11.00		15.1	
		44	5220		13.00		11.00		15.1	
		48	5240		13.00		11.00		15.1	
	802.11ax-HE40 MCS0	38	5190		13.00		11.00		15.1	
		46	5230		13.00		11.00		15.1	
	802.11ax-HE80 MCS0	42	5210		13.00		11.00		15.1	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	13.00	not required	11.00	not required	15.1	not required
		56	5280		13.00		11.00		15.1	
		60	5300		13.00		11.00		15.1	
		64	5320		13.00		11.00		15.1	
	802.11n-HT20 MCS0	52	5260		13.00		11.00		15.1	
		56	5280		13.00		11.00		15.1	
		60	5300		13.00		11.00		15.1	
		64	5320		13.00		11.00		15.1	
	802.11n-HT40 MCS0	54	5270		13.00		11.00		15.1	
		62	5310		13.00		11.00		15.1	
	802.11ac-VHT20 MCS0	52	5260		13.00		11.00		15.1	
		56	5280		13.00		11.00		15.1	
		60	5300		13.00		11.00		15.1	
		64	5320		13.00		11.00		15.1	
	802.11ac-VHT40 MCS0	54	5270		13.00		11.00		15.1	
		62	5310		13.00		11.00		15.1	
	802.11ac-VHT80 MCS0	58	5290		13.00		11.00		15.1	
	802.11ac-VHT160 MCS0	50	5250	12.9	13.00	10.7	11.00	14.95	15.1	88.1
	802.11ax-HE20 MCS0	52	5260	not required	13.00	not required	11.00	not required	15.1	not required
		56	5280		13.00		11.00		15.1	
		60	5300		13.00		11.00		15.1	
		64	5320		13.00		11.00		15.1	
	802.11ax-HE40 MCS0	54	5270		13.00		11.00		15.1	
		62	5310		13.00		11.00		15.1	
	802.11ax-HE80 MCS0	58	5290		13.00		11.00		15.1	
	802.11ax-HE160 MCS0	50	5250		13.00		11.00		15.1	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	15.00	not required	9.00	not required	16.0	not required
		116	5580		15.00		9.00		16.0	
		124	5620		15.00		9.00		16.0	
		132	5660		15.00		9.00		16.0	
		140	5700		15.00		9.00		16.0	
		144	5720		15.00		9.00		16.0	
	802.11n-HT20 MCS0	100	5500		15.00		9.00		16.0	
		116	5580		15.00		9.00		16.0	
		124	5620		15.00		9.00		16.0	
		132	5660		15.00		9.00		16.0	
		140	5700		15.00		9.00		16.0	
		144	5720		15.00		9.00		16.0	
	802.11n-HT40 MCS0	102	5510		15.00		9.00		16.0	
		110	5550		15.00		9.00		16.0	
		126	5630		15.00		9.00		16.0	
		134	5670		15.00		9.00		16.0	
		142	5710		15.00		9.00		16.0	
	802.11ac-VHT20 MCS0	100	5500		15.00		9.00		16.0	
		116	5580		15.00		9.00		16.0	
		124	5620		15.00		9.00		16.0	
		132	5660		15.00		9.00		16.0	
		140	5700		15.00		9.00		16.0	
		144	5720		15.00		9.00		16.0	
	802.11ac-VHT40 MCS0	102	5510		15.00		9.00		16.0	
		110	5550		15.00		9.00		16.0	
		126	5630		15.00		9.00		16.0	
		134	5670		15.00		9.00		16.0	
		142	5710		15.00		9.00		16.0	
	802.11ac-VHT80 MCS0	106	5530		15.00		9.00		16.0	
		122	5610		15.00		9.00		16.0	
		138	5690		15.00		9.00		16.0	
	802.11ac-VHT160 MCS0	114	5570	14.90	15.00	8.90	9.00	15.87	16.0	88.10
	802.11ax-HE20 MCS0	100	5500	not required	15.00	not required	9.00	not required	16.0	not required
		116	5580		15.00		9.00		16.0	
		124	5620		15.00		9.00		16.0	
		132	5660		15.00		9.00		16.0	
		140	5700		15.00		9.00		16.0	
		144	5720		15.00		9.00		16.0	
	802.11ax-HE40 MCS0	102	5510		15.00		9.00		16.0	
		110	5550		15.00		9.00		16.0	
		126	5630		15.00		9.00		16.0	
		134	5670		15.00		9.00		16.0	
		142	5710		15.00		9.00		16.0	
	802.11ax-HE80 MCS0	106	5530		15.00		9.00		16.0	
		122	5610		15.00		9.00		16.0	
		138	5690		15.00		9.00		16.0	
	802.11ax-HE160 MCS0	114	5570		15.00		9.00		16.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	14.50	not required	9.00	not required	15.6	not required
		157	5785		14.50		9.00		15.6	
		165	5825		14.50		9.00		15.6	
	802.11n-HT20 MCS0	149	5745		14.50		9.00		15.6	
		157	5785		14.50		9.00		15.6	
		165	5825		14.50		9.00		15.6	
	802.11n-HT40 MCS0	151	5755		14.50		9.00		15.6	
		159	5795		14.50		9.00		15.6	
	802.11ac-VHT20 MCS0	149	5745		14.50		9.00		15.6	
		157	5785		14.50		9.00		15.6	
		165	5825		14.50		9.00		15.6	
	802.11ac-VHT40 MCS0	151	5755		14.50		9.00		15.6	
		159	5795		14.50		9.00		15.6	
	802.11ac-VHT80 MCS0	155	5775	14.50	14.50	8.80	9.00	15.54	15.6	87.95
	802.11ax-HE20 MCS0	149	5745	not required	14.50	not required	9.00	not required	15.6	not required
		157	5785		14.50		9.00		15.6	
		165	5825		14.50		9.00		15.6	
	802.11ax-HE40 MCS0	151	5755		14.50		9.00		15.6	
		159	5795		14.50		9.00		15.6	
	802.11ax-HE80 MCS0	155	5775		14.50		9.00		15.6	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	14.50	not required	9.00	not required	15.6	not required
		173	5865		14.50		9.00		15.6	
		177	5885		14.50		9.00		15.6	
	802.11n-HT20 MCS0	169	5845		14.50		9.00		15.6	
		173	5865		14.50		9.00		15.6	
		177	5885		14.50		9.00		15.6	
	802.11n-HT40 MCS0	167	5835		14.50		9.00		15.6	
		175	5875		14.50		9.00		15.6	
	802.11ac-VHT20 MCS0	169	5845		14.50		9.00		15.6	
		173	5865		14.50		9.00		15.6	
		177	5885		14.50		9.00		15.6	
	802.11ac-VHT40 MCS0	167	5835		14.50		9.00		15.6	
		175	5875		14.50		9.00		15.6	
	802.11ac-VHT80 MCS0	171	5855		14.50		9.00		15.6	
	802.11ac-VHT160 MCS0	163	5815	14.50	14.50	8.90	9.00	15.58	15.6	86.20
	802.11ax-HE20 MCS0	169	5845	not required	14.50	not required	9.00	not required	15.6	not required
		173	5865		14.50		9.00		15.6	
		177	5885		14.50		9.00		15.6	
	802.11ax-HE40 MCS0	167	5835		14.50		9.00		15.6	
		175	5875		14.50		9.00		15.6	
	802.11ax-HE80 MCS0	171	5855		14.50		9.00		15.6	
	802.11ax-HE160 MCS0	163	5815		14.50		9.00		15.6	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	11.05	11.50	98.90
		6	2437	11.35	11.50	
		11	2462	11.35	11.50	
		12	2467	11.25	11.50	
		13	2472	11.05	11.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	9.95	10.00	98.90
		6	2437	9.75	10.00	
		11	2462	9.95	10.00	
		12	2467	9.75	10.00	
		13	2472	9.65	10.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	11.45	11.50	9.95	10.00	13.77	13.8	93.40
		6	2437	11.25	11.50	9.95	10.00	13.66	13.8	
		11	2462	11.05	11.50	9.95	10.00	13.55	13.8	
		12	2467	11.05	11.50	9.95	10.00	13.55	13.8	
		13	2472	11.05	11.50	9.55	10.00	13.37	13.8	
	802.11n-HT20 MCS0	1	2412	not required	11.50	not required	10.00	not required	13.8	not required
		6	2437		11.50		10.00		13.8	
		11	2462		11.50		10.00		13.8	
		12	2467		11.50		10.00		13.8	
		13	2472		11.50		10.00		13.8	
	802.11ac-VHT20 MCS0	1	2412		11.50		10.00		13.8	
		6	2437		11.50		10.00		13.8	
		11	2462		11.50		10.00		13.8	
		12	2467		11.50		10.00		13.8	
		13	2472		11.50		10.00		13.8	
	802.11ax-HE20 MCS0	1	2412		11.50		10.00		13.8	
		6	2437		11.50		10.00		13.8	
		11	2462		11.50		10.00		13.8	
		12	2467		11.50		10.00		13.8	
		13	2472		11.50		10.00		13.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	12.00	not required	11.00	not required	14.5	not required
		40	5200		12.00		11.00		14.5	
		44	5220		12.00		11.00		14.5	
		48	5240		12.00		11.00		14.5	
	802.11n-HT20 MCS0	36	5180		12.00		11.00		14.5	
		40	5200		12.00		11.00		14.5	
		44	5220		12.00		11.00		14.5	
		48	5240		12.00		11.00		14.5	
	802.11n-HT40 MCS0	38	5190		12.00		11.00		14.5	
		46	5230		12.00		11.00		14.5	
	802.11ac-VHT20 MCS0	36	5180		12.00		11.00		14.5	
		40	5200		12.00		11.00		14.5	
		44	5220		12.00		11.00		14.5	
		48	5240		12.00		11.00		14.5	
	802.11ac-VHT40 MCS0	38	5190		12.00		11.00		14.5	
		46	5230		12.00		11.00		14.5	
	802.11ac-VHT80 MCS0	42	5210		12.00		11.00		14.5	
	802.11ax-HE20 MCS0	36	5180		12.00		11.00		14.5	
		40	5200		12.00		11.00		14.5	
		44	5220		12.00		11.00		14.5	
		48	5240		12.00		11.00		14.5	
	802.11ax-HE40 MCS0	38	5190		12.00		11.00		14.5	
		46	5230		12.00		11.00		14.5	
	802.11ax-HE80 MCS0	42	5210		12.00		11.00		14.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	12.00	not required	11.00	not required	14.5	not required
		56	5280		12.00		11.00		14.5	
		60	5300		12.00		11.00		14.5	
		64	5320		12.00		11.00		14.5	
	802.11n-HT20 MCS0	52	5260		12.00		11.00		14.5	
		56	5280		12.00		11.00		14.5	
		60	5300		12.00		11.00		14.5	
		64	5320		12.00		11.00		14.5	
	802.11n-HT40 MCS0	54	5270		12.00		11.00		14.5	
		62	5310		12.00		11.00		14.5	
	802.11ac-VHT20 MCS0	52	5260		12.00		11.00		14.5	
		56	5280		12.00		11.00		14.5	
		60	5300		12.00		11.00		14.5	
		64	5320		12.00		11.00		14.5	
	802.11ac-VHT40 MCS0	54	5270		12.00		11.00		14.5	
		62	5310		12.00		11.00		14.5	
	802.11ac-VHT80 MCS0	58	5290		12.00		11.00		14.5	
	802.11ac-VHT160 MCS0	50	5250	11.80	12.00	10.70	11.00	14.30	14.5	88.1
	802.11ax-HE20 MCS0	52	5260	not required	12.00	not required	11.00	not required	14.5	not required
		56	5280		12.00		11.00		14.5	
		60	5300		12.00		11.00		14.5	
		64	5320		12.00		11.00		14.5	
	802.11ax-HE40 MCS0	54	5270		12.00		11.00		14.5	
		62	5310		12.00		11.00		14.5	
	802.11ax-HE80 MCS0	58	5290		12.00		11.00		14.5	
	802.11ax-HE160 MCS0	50	5250		12.00		11.00		14.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	15.00	not required	9.00	not required	16.0	not required
		116	5580		15.00		9.00		16.0	
		124	5620		15.00		9.00		16.0	
		132	5660		15.00		9.00		16.0	
		140	5700		15.00		9.00		16.0	
		144	5720		15.00		9.00		16.0	
	802.11n-HT20 MCS0	100	5500		15.00		9.00		16.0	
		116	5580		15.00		9.00		16.0	
		124	5620		15.00		9.00		16.0	
		132	5660		15.00		9.00		16.0	
		140	5700		15.00		9.00		16.0	
		144	5720		15.00		9.00		16.0	
	802.11n-HT40 MCS0	102	5510		15.00		9.00		16.0	
		110	5550		15.00		9.00		16.0	
		126	5630		15.00		9.00		16.0	
		134	5670		15.00		9.00		16.0	
		142	5710		15.00		9.00		16.0	
	802.11ac-VHT20 MCS0	100	5500		15.00		9.00		16.0	
		116	5580		15.00		9.00		16.0	
		124	5620		15.00		9.00		16.0	
		132	5660		15.00		9.00		16.0	
		140	5700		15.00		9.00		16.0	
		144	5720		15.00		9.00		16.0	
	802.11ac-VHT40 MCS0	102	5510		15.00		9.00		16.0	
		110	5550		15.00		9.00		16.0	
		126	5630		15.00		9.00		16.0	
		134	5670		15.00		9.00		16.0	
		142	5710		15.00		9.00		16.0	
	802.11ac-VHT80 MCS0	106	5530		15.00		9.00		16.0	
		122	5610		15.00		9.00		16.0	
		138	5690		15.00		9.00		16.0	
	802.11ac-VHT160 MCS0	114	5570	14.90	15.00	8.90	9.00	15.87	16.0	88.10
	802.11ax-HE20 MCS0	100	5500	not required	15.00	not required	9.00	not required	16.0	not required
		116	5580		15.00		9.00		16.0	
		124	5620		15.00		9.00		16.0	
		132	5660		15.00		9.00		16.0	
		140	5700		15.00		9.00		16.0	
		144	5720		15.00		9.00		16.0	
	802.11ax-HE40 MCS0	102	5510		15.00		9.00		16.0	
		110	5550		15.00		9.00		16.0	
		126	5630		15.00		9.00		16.0	
		134	5670		15.00		9.00		16.0	
		142	5710		15.00		9.00		16.0	
	802.11ax-HE80 MCS0	106	5530		15.00		9.00		16.0	
		122	5610		15.00		9.00		16.0	
		138	5690		15.00		9.00		16.0	
	802.11ax-HE160 MCS0	114	5570		15.00		9.00		16.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	14.50	not required	9.00	not required	15.6	not required
		157	5785		14.50		9.00		15.6	
		165	5825		14.50		9.00		15.6	
	802.11n-HT20 MCS0	149	5745		14.50		9.00		15.6	
		157	5785		14.50		9.00		15.6	
		165	5825		14.50		9.00		15.6	
	802.11n-HT40 MCS0	151	5755		14.50		9.00		15.6	
		159	5795		14.50		9.00		15.6	
	802.11ac-VHT20 MCS0	149	5745		14.50		9.00		15.6	
		157	5785		14.50		9.00		15.6	
		165	5825		14.50		9.00		15.6	
	802.11ac-VHT40 MCS0	151	5755		14.50		9.00		15.6	
		159	5795		14.50		9.00		15.6	
	802.11ac-VHT80 MCS0	155	5775	14.50	14.50	8.80	9.00	15.54	15.6	87.95
	802.11ax-HE20 MCS0	149	5745	not required	14.50	not required	9.00	not required	15.6	not required
		157	5785		14.50		9.00		15.6	
		165	5825		14.50		9.00		15.6	
	802.11ax-HE40 MCS0	151	5755		14.50		9.00		15.6	
		159	5795		14.50		9.00		15.6	
	802.11ax-HE80 MCS0	155	5775		14.50		9.00		15.6	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	14.50	not required	9.00	not required	15.6	not required
		173	5865		14.50		9.00		15.6	
		177	5885		14.50		9.00		15.6	
	802.11n-HT20 MCS0	169	5845		14.50		9.00		15.6	
		173	5865		14.50		9.00		15.6	
		177	5885		14.50		9.00		15.6	
	802.11n-HT40 MCS0	167	5835		14.50		9.00		15.6	
		175	5875		14.50		9.00		15.6	
	802.11ac-VHT20 MCS0	169	5845		14.50		9.00		15.6	
		173	5865		14.50		9.00		15.6	
		177	5885		14.50		9.00		15.6	
	802.11ac-VHT40 MCS0	167	5835		14.50		9.00		15.6	
		175	5875		14.50		9.00		15.6	
	802.11ac-VHT80 MCS0	171	5855		14.50		9.00		15.6	
	802.11ac-VHT160 MCS0	163	5815	14.50	14.50	8.90	9.00	15.58	15.6	86.20
	802.11ax-HE20 MCS0	169	5845	not required	14.50	not required	9.00	not required	15.6	not required
		173	5865		14.50		9.00		15.6	
		177	5885		14.50		9.00		15.6	
	802.11ax-HE40 MCS0	167	5835		14.50		9.00		15.6	
		175	5875		14.50		9.00		15.6	
	802.11ax-HE80 MCS0	171	5855		14.50		9.00		15.6	
	802.11ax-HE160 MCS0	163	5815	14.40	14.50	8.60	9.00	15.41	15.6	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.65	19.50	98.90
		6	2437	18.85	19.50	
		11	2462	19.15	19.50	
		12	2467	19.05	19.50	
		13	2472	18.55	19.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.75	22.00	98.90
		6	2437	21.75	22.00	
		11	2462	21.65	22.00	
		12	2467	21.75	22.00	
		13	2472	18.45	19.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	17.75	18.00	16.75	18.00	20.29	21.0	93.40
		6	2437	19.45	19.50	19.35	19.50	22.41	22.5	
		11	2462	16.15	17.00	15.85	17.00	19.01	20.0	
		12	2467	14.85	15.00	14.35	15.00	17.62	18.0	
		13	2472	13.35	13.50	12.45	13.50	15.93	16.5	
	802.11n-HT20 MCS0	1	2412	not required	18.00	not required	18.00	not required	21.0	not required
		6	2437		19.50		19.50		22.5	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	1	2412		18.00		18.00		21.0	
		6	2437		19.50		19.50		22.5	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ax-HE20 MCS0	1	2412		18.00		18.00		21.0	
		6	2437		19.50		19.50		22.5	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	20.00	not required	20.00	not required	23.0	not required
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11n-HT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11n-HT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	42	5210		16.00		16.00		19.0	
	802.11ax-HE20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	42	5210		16.00		16.00		19.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.50	20.00	19.80	20.00	22.66	23.0	93.51
		56	5280	19.80	20.00	19.40	20.00	22.61	23.0	
		60	5300	17.60	18.50	17.30	18.50	20.46	21.5	
		64	5320	17.70	18.50	17.20	18.50	20.47	21.5	
	802.11n-HT20 MCS0	52	5260	not required	20.00	not required	20.00	not required	23.0	not required
		56	5280		20.00		20.00		23.0	
		60	5300		18.50		18.50		21.5	
		64	5320		18.50		18.50		21.5	
	802.11n-HT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
		60	5300		18.50		18.50		21.5	
		64	5320		18.50		18.50		21.5	
	802.11ac-VHT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		16.00		16.00		19.0	
	802.11ac-VHT80 MCS0	58	5290		16.00		16.00		19.0	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
		60	5300		18.50		18.50		21.5	
		64	5320		18.50		18.50		21.5	
	802.11ax-HE40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		16.00		16.00		19.0	
	802.11ax-HE80 MCS0	58	5290		16.00		16.00		19.0	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.90	20.00	18.90	20.00	21.91	23.0	93.51
		116	5580	19.50	20.00	19.30	20.00	22.41	23.0	
		124	5620	19.90	20.00	19.50	20.00	22.71	23.0	
		132	5660	19.60	20.00	19.40	20.00	22.51	23.0	
		140	5700	17.40	16.00	17.50	16.00	20.46	19.0	
		144	5720	19.40	20.00	19.70	20.00	22.56	23.0	
	802.11n-HT20 MCS0	100	5500	not required	20.00	not required	20.00	not required	23.0	not required
		116	5580		20.00		20.00		23.0	
		124	5620		20.00		20.00		23.0	
		132	5660		20.00		20.00		23.0	
		140	5700		16.00		16.00		19.0	
		144	5720		20.00		20.00		23.0	
	802.11n-HT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		19.00		19.00		22.0	
		142	5710		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	100	5500		20.00		20.00		23.0	
		116	5580		20.00		20.00		23.0	
		124	5620		20.00		20.00		23.0	
		132	5660		20.00		20.00		23.0	
		140	5700		16.00		16.00		19.0	
		144	5720		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		19.00		19.00		22.0	
		142	5710		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	106	5530		16.50		16.50		19.5	
		122	5610		19.00		19.00		22.0	
		138	5690		19.00		19.00		22.0	
	802.11ac-VHT160 MCS0	114	5570		15.50		15.50		18.5	
	802.11ax-HE20 MCS0	100	5500		20.00		20.00		23.0	
		116	5580		20.00		20.00		23.0	
		124	5620		20.00		20.00		23.0	
		132	5660		20.00		20.00		23.0	
		140	5700		16.00		16.00		19.0	
		144	5720		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		19.00		19.00		22.0	
		142	5710		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	106	5530		16.50		16.50		19.5	
		122	5610		19.00		19.00		22.0	
		138	5690		19.00		19.00		22.0	
	802.11ax-HE160 MCS0	114	5570		15.50		15.50		18.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.50	20.00	19.20	20.00	22.36	23.0	93.46
		157	5785	19.60	20.00	19.40	20.00	22.51	23.0	
		165	5825	19.60	20.00	19.40	20.00	22.51	23.0	
	802.11n-HT20 MCS0	149	5745	not required	20.00	not required	20.00	not required	23.0	not required
		157	5785		20.00		20.00		23.0	
		165	5825		20.00		20.00		23.0	
	802.11n-HT40 MCS0	151	5755		19.00		19.00		22.0	
		159	5795		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	149	5745		20.00		20.00		23.0	
		157	5785		20.00		20.00		23.0	
		165	5825		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	151	5755		19.00		19.00		22.0	
		159	5795		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	155	5775		19.00		19.00		22.0	
	802.11ax-HE20 MCS0	149	5745		20.00		20.00		23.0	
		157	5785		20.00		20.00		23.0	
		165	5825		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	151	5755		19.00		19.00		22.0	
		159	5795		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	155	5775		19.00		19.00		22.0	
	802.11ax-HE160 MCS0	163	5815		19.00		19.00		22.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	19.40	19.50	19.90	20.00	22.67	22.8	93.51
		173	5865	19.30	19.50	20.00	20.00	22.67	22.8	
		177	5885	19.30	19.50	19.90	20.00	22.62	22.8	
	802.11n-HT20 MCS0	169	5845	not required	19.50	not required	20.00	not required	22.8	not required
		173	5865		19.50		20.00		22.8	
		177	5885		19.50		20.00		22.8	
	802.11n-HT40 MCS0	167	5835		19.00		19.00		22.0	
		175	5875		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	169	5845		19.50		20.00		22.8	
		173	5865		19.50		20.00		22.8	
		177	5885		19.50		20.00		22.8	
	802.11ac-VHT40 MCS0	167	5835		19.00		19.00		22.0	
		175	5875		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	171	5855		19.00		19.00		22.0	
	802.11ac-VHT160 MCS0	163	5815		19.00		19.00		22.0	
	802.11ax-HE20 MCS0	169	5845		19.50		20.00		22.8	
		173	5865		19.50		20.00		22.8	
		177	5885		19.50		20.00		22.8	
	802.11ax-HE40 MCS0	167	5835		19.00		19.00		22.0	
		175	5875		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	171	5855		19.00		19.00		22.0	
	802.11ax-HE160 MCS0	163	5815		19.00		19.00		22.0	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.65	19.50	98.90
		6	2437	18.85	19.50	
		11	2462	19.15	19.50	
		12	2467	19.05	19.50	
		13	2472	18.55	19.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.75	22.00	98.90
		6	2437	21.75	22.00	
		11	2462	21.65	22.00	
		12	2467	21.75	22.00	
		13	2472	18.45	19.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	17.75	18.00	16.75	18.00	20.29	21.0	93.40
		6	2437	19.45	19.50	19.35	19.50	22.41	22.5	
		11	2462	16.15	17.00	15.85	17.00	19.01	20.0	
		12	2467	14.85	15.00	14.35	15.00	17.62	18.0	
		13	2472	13.35	13.50	12.45	13.50	15.93	16.5	
	802.11n-HT20 MCS0	1	2412	not required	18.00	not required	18.00	not required	21.0	not required
		6	2437		19.50		19.50		22.5	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	1	2412		18.00		18.00		21.0	
		6	2437		19.50		19.50		22.5	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ax-HE20 MCS0	1	2412		18.00		18.00		21.0	
		6	2437		19.50		19.50		22.5	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	20.00	not required	20.00	not required	23.0	not required
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11n-HT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11n-HT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	42	5210		16.00		16.00		19.0	
	802.11ax-HE20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	42	5210		16.00		16.00		19.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.50	20.00	19.80	20.00	22.66	23.0	93.51
		56	5280	19.80	20.00	19.40	20.00	22.61	23.0	
		60	5300	17.60	18.50	17.30	18.50	20.46	21.5	
		64	5320	17.70	18.50	17.20	18.50	20.47	21.5	
	802.11n-HT20 MCS0	52	5260	not required	20.00	not required	20.00	not required	23.0	not required
		56	5280		20.00		20.00		23.0	
		60	5300		18.50		18.50		21.5	
		64	5320		18.50		18.50		21.5	
	802.11n-HT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
		60	5300		18.50		18.50		21.5	
		64	5320		18.50		18.50		21.5	
	802.11ac-VHT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		16.00		16.00		19.0	
	802.11ac-VHT80 MCS0	58	5290		16.00		16.00		19.0	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
		60	5300		18.50		18.50		21.5	
		64	5320		18.50		18.50		21.5	
	802.11ax-HE40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		16.00		16.00		19.0	
	802.11ax-HE80 MCS0	58	5290		16.00		16.00		19.0	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.90	20.00	18.90	20.00	21.91	23.0	93.51
		116	5580	19.50	20.00	19.30	20.00	22.41	23.0	
		124	5620	19.90	20.00	19.50	20.00	22.71	23.0	
		132	5660	19.60	20.00	19.40	20.00	22.51	23.0	
		140	5700	17.40	16.00	17.50	16.00	20.46	19.0	
		144	5720	19.40	20.00	19.70	20.00	22.56	23.0	
	802.11n-HT20 MCS0	100	5500	not required	20.00	not required	20.00	not required	23.0	not required
		116	5580		20.00		20.00		23.0	
		124	5620		20.00		20.00		23.0	
		132	5660		20.00		20.00		23.0	
		140	5700		16.00		16.00		19.0	
		144	5720		20.00		20.00		23.0	
	802.11n-HT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		19.00		19.00		22.0	
		142	5710		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	100	5500		20.00		20.00		23.0	
		116	5580		20.00		20.00		23.0	
		124	5620		20.00		20.00		23.0	
		132	5660		20.00		20.00		23.0	
		140	5700		16.00		16.00		19.0	
		144	5720		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		19.00		19.00		22.0	
		142	5710		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	106	5530		16.50		16.50		19.5	
		122	5610		19.00		19.00		22.0	
		138	5690		19.00		19.00		22.0	
	802.11ac-VHT160 MCS0	114	5570		15.50		15.50		18.5	
	802.11ax-HE20 MCS0	100	5500		20.00		20.00		23.0	
		116	5580		20.00		20.00		23.0	
		124	5620		20.00		20.00		23.0	
		132	5660		20.00		20.00		23.0	
		140	5700		16.00		16.00		19.0	
		144	5720		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		19.00		19.00		22.0	
		142	5710		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	106	5530		16.50		16.50		19.5	
		122	5610		19.00		19.00		22.0	
		138	5690		19.00		19.00		22.0	
	802.11ax-HE160 MCS0	114	5570		15.50		15.50		18.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.90	19.00	19.90	20.00	22.44	22.5	93.51
		157	5785	18.90	19.00	19.90	20.00	22.44	22.5	
		165	5825	18.90	19.00	19.90	20.00	22.44	22.5	
	802.11n-HT20 MCS0	149	5745	not required	19.00	not required	20.00	not required	22.5	not required
		157	5785		19.00		20.00		22.5	
		165	5825		19.00		20.00		22.5	
	802.11n-HT40 MCS0	151	5755		19.00		19.00		22.0	
		159	5795		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	149	5745		19.00		20.00		22.5	
		157	5785		19.00		20.00		22.5	
		165	5825		19.00		20.00		22.5	
	802.11ac-VHT40 MCS0	151	5755		19.00		19.00		22.0	
		159	5795		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	155	5775		19.00		19.00		22.0	
	802.11ax-HE20 MCS0	149	5745		19.00		20.00		22.5	
		157	5785		19.00		20.00		22.5	
		165	5825		19.00		20.00		22.5	
	802.11ax-HE40 MCS0	151	5755		19.00		19.00		22.0	
		159	5795		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	155	5775		19.00		19.00		22.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	18.90	19.00	19.90	20.00	22.44	22.5	93.51
		173	5865	18.90	19.00	19.90	20.00	22.44	22.5	
		177	5885	18.90	19.00	19.90	20.00	22.44	22.5	
	802.11n-HT20 MCS0	169	5845	not required	19.00	not required	20.00	not required	22.5	not required
		173	5865		19.00		20.00		22.5	
		177	5885		19.00		20.00		22.5	
	802.11n-HT40 MCS0	167	5835		19.00		19.00		22.0	
		175	5875		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	169	5845		19.00		20.00		22.5	
		173	5865		19.00		20.00		22.5	
		177	5885		19.00		20.00		22.5	
	802.11ac-VHT40 MCS0	167	5835		19.00		19.00		22.0	
		175	5875		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	171	5855		19.00		19.00		22.0	
	802.11ac-VHT160 MCS0	163	5815		19.00		19.00		22.0	
	802.11ax-HE20 MCS0	169	5845		19.00		20.00		22.5	
		173	5865		19.00		20.00		22.5	
		177	5885		19.00		20.00		22.5	
	802.11ax-HE40 MCS0	167	5835		19.00		19.00		22.0	
		175	5875		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	171	5855		19.00		19.00		22.0	
	802.11ax-HE160 MCS0	163	5815		19.00		19.00		22.0	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.65	19.50	98.90
		6	2437	18.85	19.50	
		11	2462	19.15	19.50	
		12	2467	19.05	19.50	
		13	2472	18.55	19.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.65	19.00	98.90
		6	2437	18.95	19.00	
		11	2462	18.95	19.00	
		12	2467	18.75	19.00	
		13	2472	18.45	19.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	17.75	18.00	16.75	18.00	20.29	21.0	93.40
		6	2437	19.25	19.50	18.55	19.00	21.92	22.3	
		11	2462	16.15	17.00	15.85	17.00	19.01	20.0	
		12	2467	14.85	15.00	14.35	15.00	17.62	18.0	
		13	2472	13.35	13.50	12.45	13.50	15.93	16.5	
	802.11n-HT20 MCS0	1	2412	not required	18.00	not required	18.00	not required	21.0	not required
		6	2437		19.50		19.00		22.3	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	1	2412		18.00		18.00		21.0	
		6	2437		19.50		19.00		22.3	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ax-HE20 MCS0	1	2412		18.00		18.00		21.0	
		6	2437		19.50		19.00		22.3	
		11	2462		17.00		17.00		20.0	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	15.00	not required	19.00	not required	20.5	not required
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11n-HT20 MCS0	36	5180		15.00		19.00		20.5	
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11n-HT40 MCS0	38	5190	14.11	15.00	15.64	16.00	17.59	18.5	96.79
		46	5230	14.20	15.00	17.90	19.00	19.44	20.5	
	802.11ac-VHT20 MCS0	36	5180	not required	15.00	not required	19.00	not required	20.5	not required
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11ac-VHT40 MCS0	38	5190		15.00		16.00		18.5	
		46	5230		15.00		19.00		20.5	
	802.11ac-VHT80 MCS0	42	5210		15.00		16.00		18.5	
	802.11ax-HE20 MCS0	36	5180		15.00		19.00		20.5	
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11ax-HE40 MCS0	38	5190		15.00		16.00		18.5	
		46	5230		15.00		19.00		20.5	
	802.11ax-HE80 MCS0	42	5210		15.00		16.00		18.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	15.00	not required	19.00	not required	20.5	not required
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11n-HT20 MCS0	52	5260		15.00		19.00		20.5	
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11n-HT40 MCS0	54	5270	14.20	15.00	17.70	19.00	19.30	20.5	96.79
		62	5310	14.08	15.00	15.59	16.00	18.44	18.5	
	802.11ac-VHT20 MCS0	52	5260	not required	15.00	not required	19.00	not required	20.5	not required
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11ac-VHT40 MCS0	54	5270		15.00		19.00		20.5	
		62	5310		15.00		16.00		18.5	
	802.11ac-VHT80 MCS0	58	5290		15.00		16.00		18.5	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		15.00		19.00		20.5	
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11ax-HE40 MCS0	54	5270		15.00		19.00		20.5	
		62	5310		15.00		16.00		18.5	
	802.11ax-HE80 MCS0	58	5290		15.00		16.00		18.5	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	16.00	not required	16.50	not required	19.3	not required
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11n-HT20 MCS0	100	5500		16.00		16.50		19.3	
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11n-HT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		16.00		16.50		19.3	
		126	5630		16.00		16.50		19.3	
		134	5670		16.00		16.50		19.3	
		142	5710		16.00		16.50		19.3	
	802.11ac-VHT20 MCS0	100	5500		16.00		16.50		19.3	
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11ac-VHT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		16.00		16.50		19.3	
		126	5630		16.00		16.50		19.3	
		134	5670		16.00		16.50		19.3	
		142	5710		16.00		16.50		19.3	
	802.11ac-VHT80 MCS0	106	5530	15.70	16.00	16.50	16.50	19.13	19.3	87.95
		122	5610	15.70	16.00	16.50	16.50	19.13	19.3	
		138	5690	15.70	16.00	16.50	16.50	19.13	19.3	
	802.11ac-VHT160 MCS0	114	5570	not required	15.50	not required	15.50	not required	18.5	not required
	802.11ax-HE20 MCS0	100	5500		16.00		16.50		19.3	
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11ax-HE40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		16.00		16.50		19.3	
		126	5630		16.00		16.50		19.3	
		134	5670		16.00		16.50		19.3	
		142	5710		16.00		16.50		19.3	
	802.11ax-HE80 MCS0	106	5530		16.00		16.50		19.3	
		122	5610		16.00		16.50		19.3	
		138	5690		16.00		16.50		19.3	
	802.11ax-HE160 MCS0	114	5570		15.50		15.50		18.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	16.00	not required	17.50	not required	19.8	not required
		157	5785		16.00		17.50		19.8	
		165	5825		16.00		17.50		19.8	
	802.11n-HT20 MCS0	149	5745		16.00		17.50		19.8	
		157	5785		16.00		17.50		19.8	
		165	5825		16.00		17.50		19.8	
	802.11n-HT40 MCS0	151	5755		16.00		17.50		19.8	
		159	5795		16.00		17.50		19.8	
	802.11ac-VHT20 MCS0	149	5745		16.00		17.50		19.8	
		157	5785		16.00		17.50		19.8	
		165	5825		16.00		17.50		19.8	
	802.11ac-VHT40 MCS0	151	5755		16.00		17.50		19.8	
		159	5795		16.00		17.50		19.8	
	802.11ac-VHT80 MCS0	155	5775	16.00	16.00	17.30	17.50	19.71	19.8	87.95
	802.11ax-HE20 MCS0	149	5745	not required	16.00	not required	17.50	not required	19.8	not required
		157	5785		16.00		17.50		19.8	
		165	5825		16.00		17.50		19.8	
	802.11ax-HE40 MCS0	151	5755		16.00		17.50		19.8	
		159	5795		16.00		17.50		19.8	
	802.11ax-HE80 MCS0	155	5775		16.00		17.50		19.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	16.00	not required	17.50	not required	19.8	not required
		173	5865		16.00		17.50		19.8	
		177	5885		16.00		17.50		19.8	
	802.11n-HT20 MCS0	169	5845		16.00		17.50		19.8	
		173	5865		16.00		17.50		19.8	
		177	5885		16.00		17.50		19.8	
	802.11n-HT40 MCS0	167	5835		16.00		17.50		19.8	
		175	5875		16.00		17.50		19.8	
	802.11ac-VHT20 MCS0	169	5845		16.00		17.50		19.8	
		173	5865		16.00		17.50		19.8	
		177	5885		16.00		17.50		19.8	
	802.11ac-VHT40 MCS0	167	5835		16.00		17.50		19.8	
		175	5875		16.00		17.50		19.8	
	802.11ac-VHT80 MCS0	171	5855		16.00		17.50		19.8	
	802.11ac-VHT160 MCS0	163	5815	15.90	16.00	17.50	17.50	19.78	19.8	86.30
	802.11ax-HE20 MCS0	169	5845	not required	16.00	not required	17.50	not required	19.8	not required
		173	5865		16.00		17.50		19.8	
		177	5885		16.00		17.50		19.8	
	802.11ax-HE40 MCS0	167	5835		16.00		17.50		19.8	
		175	5875		16.00		17.50		19.8	
	802.11ax-HE80 MCS0	171	5855		16.00		17.50		19.8	
	802.11ax-HE160 MCS0	163	5815		16.00		17.50		19.8	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.65	19.50	98.90
		6	2437	18.85	19.50	
		11	2462	19.15	19.50	
		12	2467	19.05	19.50	
		13	2472	18.55	19.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.55	16.00	98.90
		6	2437	15.65	16.00	
		11	2462	15.65	16.00	
		12	2467	15.55	16.00	
		13	2472	15.55	16.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	18.00	18.00	15.55	16.00	19.96	20.1	93.40
		6	2437	19.25	19.50	15.85	16.00	20.88	21.1	
		11	2462	16.65	17.00	15.55	16.00	19.15	19.5	
		12	2467	14.85	15.00	14.35	15.00	17.62	18.0	
		13	2472	13.35	13.50	12.45	13.50	15.93	16.5	
	802.11n-HT20 MCS0	1	2412	not required	18.00	not required	16.00	not required	20.1	not required
		6	2437		19.50		16.00		21.1	
		11	2462		17.00		16.00		19.5	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	1	2412		18.00		16.00		20.1	
		6	2437		19.50		16.00		21.1	
		11	2462		17.00		16.00		19.5	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	
	802.11ax-HE20 MCS0	1	2412		18.00		16.00		20.1	
		6	2437		19.50		16.00		21.1	
		11	2462		17.00		16.00		19.5	
		12	2467		15.00		15.00		18.0	
		13	2472		13.50		13.50		16.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	15.00	not required	19.00	not required	20.5	not required
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11n-HT20 MCS0	36	5180		15.00		19.00		20.5	
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11n-HT40 MCS0	38	5190	14.11	15.00	15.64	16.00	17.59	18.5	96.79
		46	5230	14.20	15.00	17.90	19.00	19.44	20.5	
	802.11ac-VHT20 MCS0	36	5180	not required	15.00	not required	19.00	not required	20.5	not required
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11ac-VHT40 MCS0	38	5190		15.00		16.00		18.5	
		46	5230		15.00		19.00		20.5	
	802.11ac-VHT80 MCS0	42	5210		15.00		16.00		18.5	
	802.11ax-HE20 MCS0	36	5180		15.00		19.00		20.5	
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11ax-HE40 MCS0	38	5190		15.00		16.00		18.5	
		46	5230		15.00		19.00		20.5	
	802.11ax-HE80 MCS0	42	5210		15.00		16.00		18.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	15.00	not required	19.00	not required	20.5	not required
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11n-HT20 MCS0	52	5260		15.00		19.00		20.5	
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11n-HT40 MCS0	54	5270	14.20	15.00	17.70	19.00	19.30	20.5	96.79
		62	5310	14.08	15.00	15.59	16.00	18.44	18.5	
	802.11ac-VHT20 MCS0	52	5260	not required	15.00	not required	19.00	not required	20.5	not required
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11ac-VHT40 MCS0	54	5270		15.00		19.00		20.5	
		62	5310		15.00		16.00		18.5	
	802.11ac-VHT80 MCS0	58	5290		15.00		16.00		18.5	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		15.00		19.00		20.5	
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11ax-HE40 MCS0	54	5270		15.00		19.00		20.5	
		62	5310		15.00		16.00		18.5	
	802.11ax-HE80 MCS0	58	5290		15.00		16.00		18.5	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	16.00	not required	16.50	not required	19.3	not required
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11n-HT20 MCS0	100	5500		16.00		16.50		19.3	
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11n-HT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		16.00		16.50		19.3	
		126	5630		16.00		16.50		19.3	
		134	5670		16.00		16.50		19.3	
		142	5710		16.00		16.50		19.3	
	802.11ac-VHT20 MCS0	100	5500		16.00		16.50		19.3	
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11ac-VHT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		16.00		16.50		19.3	
		126	5630		16.00		16.50		19.3	
		134	5670		16.00		16.50		19.3	
		142	5710		16.00		16.50		19.3	
	802.11ac-VHT80 MCS0	106	5530	15.70	16.00	16.50	16.50	19.13	19.3	87.95
		122	5610	15.70	16.00	16.50	16.50	19.13	19.3	
		138	5690	15.70	16.00	16.50	16.50	19.13	19.3	
	802.11ac-VHT160 MCS0	114	5570	not required	15.50	not required	15.50	not required	18.5	not required
	802.11ax-HE20 MCS0	100	5500		16.00		16.50		19.3	
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11ax-HE40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		16.00		16.50		19.3	
		126	5630		16.00		16.50		19.3	
		134	5670		16.00		16.50		19.3	
		142	5710		16.00		16.50		19.3	
	802.11ax-HE80 MCS0	106	5530		16.00		16.50		19.3	
		122	5610		16.00		16.50		19.3	
		138	5690		16.00		16.50		19.3	
	802.11ax-HE160 MCS0	114	5570		15.50		15.50		18.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	13.50	not required	15.00	not required	17.3	not required
		157	5785		13.50		15.00		17.3	
		165	5825		13.50		15.00		17.3	
	802.11n-HT20 MCS0	149	5745		13.50		15.00		17.3	
		157	5785		13.50		15.00		17.3	
		165	5825		13.50		15.00		17.3	
	802.11n-HT40 MCS0	151	5755		13.50		15.00		17.3	
		159	5795		13.50		15.00		17.3	
	802.11ac-VHT20 MCS0	149	5745		13.50		15.00		17.3	
		157	5785		13.50		15.00		17.3	
		165	5825		13.50		15.00		17.3	
	802.11ac-VHT40 MCS0	151	5755		13.50		15.00		17.3	
		159	5795		13.50		15.00		17.3	
	802.11ac-VHT80 MCS0	155	5775	13.40	13.50	14.30	15.00	16.88	17.3	87.95
	802.11ax-HE20 MCS0	149	5745	not required	13.50	not required	15.00	not required	17.3	not required
		157	5785		13.50		15.00		17.3	
		165	5825		13.50		15.00		17.3	
	802.11ax-HE40 MCS0	151	5755		13.50		15.00		17.3	
		159	5795		13.50		15.00		17.3	
	802.11ax-HE80 MCS0	155	5775		13.50		15.00		17.3	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	16.00	not required	17.50	not required	19.8	not required
		173	5865		16.00		17.50		19.8	
		177	5885		16.00		17.50		19.8	
	802.11n-HT20 MCS0	169	5845		16.00		17.50		19.8	
		173	5865		16.00		17.50		19.8	
		177	5885		16.00		17.50		19.8	
	802.11n-HT40 MCS0	167	5835		16.00		17.50		19.8	
		175	5875		16.00		17.50		19.8	
	802.11ac-VHT20 MCS0	169	5845		16.00		17.50		19.8	
		173	5865		16.00		17.50		19.8	
		177	5885		16.00		17.50		19.8	
	802.11ac-VHT40 MCS0	167	5835		16.00		17.50		19.8	
		175	5875		16.00		17.50		19.8	
	802.11ac-VHT80 MCS0	171	5855		16.00		17.50		19.8	
	802.11ac-VHT160 MCS0	163	5815	15.90	16.00	17.50	17.50	19.78	19.8	86.30
	802.11ax-HE20 MCS0	169	5845	not required	16.00	not required	17.50	not required	19.8	not required
		173	5865		16.00		17.50		19.8	
		177	5885		16.00		17.50		19.8	
	802.11ax-HE40 MCS0	167	5835		16.00		17.50		19.8	
		175	5875		16.00		17.50		19.8	
	802.11ax-HE80 MCS0	171	5855		16.00		17.50		19.8	
	802.11ax-HE160 MCS0	163	5815		16.00		17.50		19.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	15.00	not required	19.00	not required	20.5	93.51
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11n-HT20 MCS0	36	5180		15.00		19.00		20.5	93.01
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11n-HT40 MCS0	38	5190	14.11	15.00	15.64	16.00	17.59	18.5	96.79
		46	5230	14.20	15.00	17.90	19.00	19.44	20.5	
	802.11ac-VHT20 MCS0	36	5180	not required	15.00	not required	19.00	not required	20.5	87.60
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11ac-VHT40 MCS0	38	5190		15.00		16.00		18.5	94.00
		46	5230		15.00		19.00		20.5	
	802.11ac-VHT80 MCS0	42	5210		15.00		16.00		18.5	88.10
	802.11ax-HE20 MCS0	36	5180		15.00		19.00		20.5	96.10
		40	5200		15.00		19.00		20.5	
		44	5220		15.00		19.00		20.5	
		48	5240		15.00		19.00		20.5	
	802.11ax-HE40 MCS0	38	5190		15.00		16.00		18.5	91.70
		46	5230		15.00		19.00		20.5	
	802.11ax-HE80 MCS0	42	5210		15.00		16.00		18.5	85.40

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	15.00	not required	19.00	not required	20.5	not required
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11n-HT20 MCS0	52	5260		15.00		19.00		20.5	
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11n-HT40 MCS0	54	5270	14.20	15.00	17.70	19.00	19.30	20.5	96.79
		62	5310	14.08	15.00	15.59	16.00	18.44	18.5	
	802.11ac-VHT20 MCS0	52	5260	not required	15.00	not required	19.00	not required	20.5	not required
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11ac-VHT40 MCS0	54	5270		15.00		19.00		20.5	
		62	5310		15.00		16.00		18.5	
	802.11ac-VHT80 MCS0	58	5290		15.00		16.00		18.5	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		15.00		19.00		20.5	
		56	5280		15.00		19.00		20.5	
		60	5300		15.00		18.50		20.1	
		64	5320		15.00		18.50		20.1	
	802.11ax-HE40 MCS0	54	5270		15.00		19.00		20.5	
		62	5310		15.00		16.00		18.5	
	802.11ax-HE80 MCS0	58	5290		15.00		16.00		18.5	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	16.00	not required	16.50	not required	19.3	not required
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11n-HT20 MCS0	100	5500		16.00		16.50		19.3	
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11n-HT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		16.00		16.50		19.3	
		126	5630		16.00		16.50		19.3	
		134	5670		16.00		16.50		19.3	
		142	5710		16.00		16.50		19.3	
	802.11ac-VHT20 MCS0	100	5500		16.00		16.50		19.3	
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11ac-VHT40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		16.00		16.50		19.3	
		126	5630		16.00		16.50		19.3	
		134	5670		16.00		16.50		19.3	
		142	5710		16.00		16.50		19.3	
	802.11ac-VHT80 MCS0	106	5530	15.70	16.00	16.50	16.50	19.13	19.3	87.95
		122	5610	15.70	16.00	16.50	16.50	19.13	19.3	
		138	5690	15.70	16.00	16.50	16.50	19.13	19.3	
	802.11ac-VHT160 MCS0	114	5570	not required	15.50	not required	15.50	not required	18.5	not required
	802.11ax-HE20 MCS0	100	5500		16.00		16.50		19.3	
		116	5580		16.00		16.50		19.3	
		124	5620		16.00		16.50		19.3	
		132	5660		16.00		16.50		19.3	
		140	5700		16.00		16.50		19.3	
		144	5720		16.00		16.50		19.3	
	802.11ax-HE40 MCS0	102	5510		16.00		16.00		19.0	
		110	5550		16.00		16.50		19.3	
		126	5630		16.00		16.50		19.3	
		134	5670		16.00		16.50		19.3	
		142	5710		16.00		16.50		19.3	
	802.11ax-HE80 MCS0	106	5530		16.00		16.50		19.3	
		122	5610		16.00		16.50		19.3	
		138	5690		16.00		16.50		19.3	
	802.11ax-HE160 MCS0	114	5570		15.50		15.50		18.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	17.00	not required	16.50	not required	19.8	not required
		157	5785		17.00		16.50		19.8	
		165	5825		17.00		16.50		19.8	
	802.11n-HT20 MCS0	149	5745		17.00		16.50		19.8	
		157	5785		17.00		16.50		19.8	
		165	5825		17.00		16.50		19.8	
	802.11n-HT40 MCS0	151	5755		17.00		16.50		19.8	
		159	5795		17.00		16.50		19.8	
	802.11ac-VHT20 MCS0	149	5745		17.00		16.50		19.8	
		157	5785		17.00		16.50		19.8	
		165	5825		17.00		16.50		19.8	
	802.11ac-VHT40 MCS0	151	5755		17.00		16.50		19.8	
		159	5795		17.00		16.50		19.8	
	802.11ac-VHT80 MCS0	155	5775	15.40	17.00	15.60	16.50	18.51	19.8	87.95
	802.11ax-HE20 MCS0	149	5745	not required	17.00	not required	16.50	not required	19.8	not required
		157	5785		17.00		16.50		19.8	
		165	5825		17.00		16.50		19.8	
	802.11ax-HE40 MCS0	151	5755		17.00		16.50		19.8	
		159	5795		17.00		16.50		19.8	
	802.11ax-HE80 MCS0	155	5775		17.00		16.50		19.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	16.50	not required	16.00	not required	19.3	not required
		173	5865		16.50		16.00		19.3	
		177	5885		16.50		16.00		19.3	
	802.11n-HT20 MCS0	169	5845		16.50		16.00		19.3	
		173	5865		16.50		16.00		19.3	
		177	5885		16.50		16.00		19.3	
	802.11n-HT40 MCS0	167	5835		16.50		16.00		19.3	
		175	5875		16.50		16.00		19.3	
	802.11ac-VHT20 MCS0	169	5845		16.50		16.00		19.3	
		173	5865		16.50		16.00		19.3	
		177	5885		16.50		16.00		19.3	
	802.11ac-VHT40 MCS0	167	5835		16.50		16.00		19.3	
		175	5875		16.50		16.00		19.3	
	802.11ac-VHT80 MCS0	171	5855		16.50		16.00		19.3	
	802.11ac-VHT160 MCS0	163	5815	15.50	16.50	16.00	16.00	18.77	19.3	86.30
	802.11ax-HE20 MCS0	169	5845	not required	16.50	not required	16.00	not required	19.3	not required
		173	5865		16.50		16.00		19.3	
		177	5885		16.50		16.00		19.3	
	802.11ax-HE40 MCS0	167	5835		16.50		16.00		19.3	
		175	5875		16.50		16.00		19.3	
	802.11ax-HE80 MCS0	171	5855		16.50		16.00		19.3	
	802.11ax-HE160 MCS0	163	5815	15.40	16.50	16.00	16.00	18.72	19.3	86.30

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	8.00	not required	8.00	not required	11.0	not required
		57	6235		7.50		7.50		10.5	
		113	6515		9.00		9.00		12.0	
		173	6815		11.50		9.50		13.6	
		229	7095		12.50		11.50		15.0	
	802.11ax-HE40 MCS0	3	5965		10.50		10.50		13.5	
		59	6245		10.00		10.00		13.0	
		107	6485		11.50		11.50		14.5	
		171	6805		14.50		12.50		16.6	
		227	7085		15.00		14.00		17.5	
	802.11ax-HE80 MCS0	7	5985		10.50		10.50		13.5	
		71	6305		10.50		10.50		13.5	
		119	6545		14.50		14.50		17.5	
		167	6785		16.50		16.50		19.5	
		215	7025		16.50		16.50		19.5	
	802.11ax-HE160 MCS0	15	6025	10.00	11.50	10.00	11.50	13.01	14.5	85.90
		47	6185	10.20	11.50	10.10	11.50	13.16	14.5	
		111	6505	14.40	14.50	14.40	14.50	17.41	17.5	
		175	6825	16.50	16.50	15.40	16.50	19.00	19.5	
		207	6985	16.50	16.50	16.50	16.50	19.50	19.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	8.00	not required	8.00	not required	11.0	not required
		57	6235		7.50		7.50		10.5	
		113	6515		9.00		9.00		12.0	
		173	6815		11.50		9.50		13.6	
		229	7095		12.50		11.50		15.0	
	802.11ax-HE40 MCS0	3	5965		10.50		10.50		13.5	
		59	6245		10.00		10.00		13.0	
		107	6485		11.50		11.50		14.5	
		171	6805		14.50		12.50		16.6	
		227	7085		15.00		14.00		17.5	
	802.11ax-HE80 MCS0	7	5985		10.50		10.50		13.5	
		71	6305		10.50		10.50		13.5	
		119	6545		14.50		14.50		17.5	
		167	6785		16.50		16.50		19.5	
		215	7025		16.50		16.50		19.5	
	802.11ax-HE160 MCS0	15	6025	10.00	11.50	10.00	11.50	13.01	14.5	85.90
		47	6185	10.20	11.50	10.10	11.50	13.16	14.5	
		111	6505	14.40	14.50	14.40	14.50	17.41	17.5	
		175	6825	16.50	16.50	15.40	16.50	19.00	19.5	
		207	6985	16.50	16.50	16.50	16.50	19.50	19.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	8.00	not required	8.00	not required	11.0	not required
		57	6235		7.50		7.50		10.5	
		113	6515		9.00		9.00		12.0	
		173	6815		11.50		9.50		13.6	
		229	7095		12.50		11.50		15.0	
	802.11ax-HE40 MCS0	3	5965		10.00		10.00		13.0	
		59	6245		10.00		10.00		13.0	
		107	6485		11.50		11.50		14.5	
		171	6805		14.50		12.50		16.6	
		227	7085		15.00		14.00		17.5	
	802.11ax-HE80 MCS0	7	5985		10.00		10.00		13.0	
		71	6305		10.00		10.00		13.0	
		119	6545		12.50		12.50		15.5	
		167	6785		14.00		14.00		17.0	
		215	7025		15.00		15.00		18.0	
	802.11ax-HE160 MCS0	15	6025	9.90	10.00	9.80	10.00	12.81	13.0	85.90
		47	6185	9.60	10.00	9.50	10.00	12.56	13.0	
		111	6505	12.50	12.50	12.20	12.50	15.36	15.5	
		175	6825	13.90	14.00	12.50	14.00	16.18	17.0	
		207	6985	14.70	15.00	14.10	15.00	17.33	18.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	8.00	not required	8.00	not required	11.0	not required
		57	6235		7.50		7.50		10.5	
		113	6515		9.00		9.00		12.0	
		173	6815		11.50		9.50		13.6	
		229	7095		12.50		11.50		15.0	
	802.11ax-HE40 MCS0	3	5965		10.50		10.50		13.5	
		59	6245		10.00		10.00		13.0	
		107	6485		11.50		11.50		14.5	
		171	6805		14.50		12.50		16.6	
		227	7085		15.00		14.00		17.5	
	802.11ax-HE80 MCS0	7	5985		10.50		10.50		13.5	
		71	6305		10.50		10.50		13.5	
		119	6545		13.50		13.50		16.5	
		167	6785		15.00		15.00		18.0	
		215	7025		16.50		16.50		19.5	
	802.11ax-HE160 MCS0	15	6025	10.00	10.50	10.00	10.50	13.01	13.5	85.90
		47	6185	10.20	10.50	10.10	10.50	13.16	13.5	
		111	6505	13.10	13.50	13.00	13.50	16.06	16.5	
		175	6825	14.90	15.00	13.40	15.00	17.22	18.0	
		207	6985	16.50	16.50	16.50	16.50	19.50	19.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	8.00	not required	8.00	not required	11.0	not required
		57	6235		7.50		7.50		10.5	
		113	6515		9.00		9.00		12.0	
		173	6815		11.50		9.50		13.6	
		229	7095		12.50		11.50		15.0	
	802.11ax-HE40 MCS0	3	5965		8.00		8.00		11.0	
		59	6245		8.00		8.00		11.0	
		107	6485		11.50		11.50		14.5	
		171	6805		14.50		12.50		16.6	
		227	7085		15.00		14.00		17.5	
	802.11ax-HE80 MCS0	7	5985		8.00		8.00		11.0	
		71	6305		8.00		8.00		11.0	
		119	6545		13.50		13.50		16.5	
		167	6785		16.00		16.00		19.0	
		215	7025		15.00		15.00		18.0	
	802.11ax-HE160 MCS0	15	6025	6.30	8.00	6.20	8.00	9.26	11.0	85.90
		47	6185	6.10	8.00	6.00	8.00	9.06	11.0	
		111	6505	11.40	11.50	11.10	11.50	14.26	14.5	
		175	6825	15.70	16.00	14.50	16.00	18.15	19.0	
		207	6985	14.70	15.00	14.00	15.00	17.33	18.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	8.00	not required	8.00	not required	11.0	not required
		57	6235		7.50		7.50		10.5	
		113	6515		9.00		9.00		12.0	
		173	6815		11.50		9.50		13.6	
		229	7095		12.50		11.50		15.0	
	802.11ax-HE40 MCS0	3	5965		8.00		8.00		11.0	
		59	6245		8.00		8.00		11.0	
		107	6485		11.50		11.50		14.5	
		171	6805		14.50		12.50		16.6	
		227	7085		15.00		14.00		17.5	
	802.11ax-HE80 MCS0	7	5985		8.00		8.00		11.0	
		71	6305		8.00		8.00		11.0	
		119	6545		13.50		13.50		16.5	
		167	6785		16.00		16.00		19.0	
		215	7025		15.00		15.00		18.0	
	802.11ax-HE160 MCS0	15	6025	6.30	8.00	6.20	8.00	9.26	11.0	85.90
		47	6185	6.10	8.00	6.00	8.00	9.06	11.0	
		111	6505	11.40	11.50	11.10	11.50	14.26	14.5	
		175	6825	15.70	16.00	14.50	16.00	18.15	19.0	
		207	6985	14.70	15.00	14.00	15.00	17.33	18.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	8.00	not required	8.00	not required	11.0	not required
		57	6235		7.50		7.50		10.5	
		113	6515		9.00		9.00		12.0	
		173	6815		11.50		9.50		13.6	
		229	7095		12.50		11.50		15.0	
	802.11ax-HE40 MCS0	3	5965		8.00		8.00		11.0	
		59	6245		8.00		8.00		11.0	
		107	6485		11.50		11.50		14.5	
		171	6805		14.50		12.50		16.6	
		227	7085		15.00		14.00		17.5	
	802.11ax-HE80 MCS0	7	5985		8.00		8.00		11.0	
		71	6305		8.00		8.00		11.0	
		119	6545		13.50		13.50		16.5	
		167	6785		16.00		16.00		19.0	
		215	7025		15.00		15.00		18.0	
	802.11ax-HE160 MCS0	15	6025	6.30	8.00	6.20	8.00	9.26	11.0	85.90
		47	6185	6.10	8.00	6.00	8.00	9.06	11.0	
		111	6505	11.40	11.50	11.10	11.50	14.26	14.5	
		175	6825	15.70	16.00	14.50	16.00	18.15	19.0	
		207	6985	14.70	15.00	14.00	15.00	17.33	18.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	8.00	not required	8.00	not required	11.0	not required
		57	6235		7.50		7.50		10.5	
		113	6515		9.00		9.00		12.0	
		173	6815		11.50		9.50		13.6	
		229	7095		12.50		11.50		15.0	
	802.11ax-HE40 MCS0	3	5965		8.00		8.00		11.0	
		59	6245		8.00		8.00		11.0	
		107	6485		11.50		11.50		14.5	
		171	6805		14.50		12.50		16.6	
		227	7085		15.00		14.00		17.5	
	802.11ax-HE80 MCS0	7	5985		8.00		8.00		11.0	
		71	6305		8.00		8.00		11.0	
		119	6545		13.50		13.50		16.5	
		167	6785		16.00		16.00		19.0	
		215	7025		15.00		15.00		18.0	
	802.11ax-HE160 MCS0	15	6025	6.30	8.00	6.20	8.00	9.26	11.0	85.90
		47	6185	6.10	8.00	6.00	8.00	9.06	11.0	
		111	6505	11.40	11.50	11.10	11.50	14.26	14.5	
		175	6825	15.70	16.00	14.50	16.00	18.15	19.0	
		207	6985	14.70	15.00	14.00	15.00	17.33	18.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	8.00	not required	8.00	not required	11.0	not required
		57	6235		7.50		7.50		10.5	
		113	6515		9.00		9.00		12.0	
		173	6815		11.50		9.50		13.6	
		229	7095		12.50		11.50		15.0	
	802.11ax-HE40 MCS0	3	5965		8.00		8.00		11.0	
		59	6245		8.00		8.00		11.0	
		107	6485		11.50		11.50		14.5	
		171	6805		14.50		12.50		16.6	
		227	7085		15.00		14.00		17.5	
	802.11ax-HE80 MCS0	7	5985		8.00		8.00		11.0	
		71	6305		8.00		8.00		11.0	
		119	6545		13.50		13.50		16.5	
		167	6785		16.00		16.00		19.0	
		215	7025		15.00		15.00		18.0	
	802.11ax-HE160 MCS0	15	6025	6.30	8.00	6.20	8.00	9.26	11.0	85.90
		47	6185	6.10	8.00	6.00	8.00	9.06	11.0	
		111	6505	11.40	11.50	11.10	11.50	14.26	14.5	
		175	6825	15.70	16.00	14.50	16.00	18.15	19.0	
		207	6985	14.70	15.00	14.00	15.00	17.33	18.0	

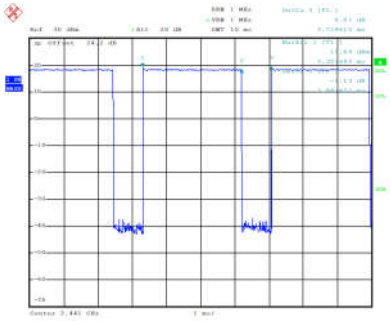
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.05	not required	not required
	CH 39	2441	10.35		
	CH 78	2480	10.25		
Tune-up Limit			12	12	12

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.11	not required	not required
	CH 39	2441	10.15		
	CH 78	2480	10.01		
Tune-up Limit			12	12	12

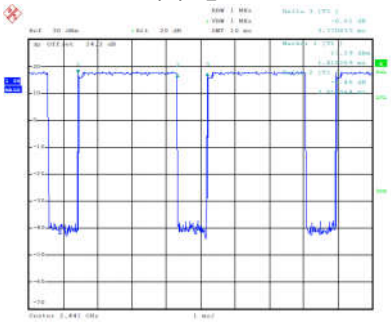
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			12	12

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			12	12

BT Duty cycle_Ant 4

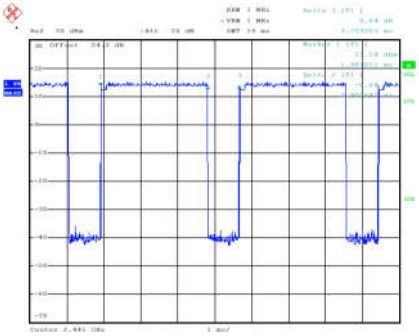


BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.65	not required	not required	10.05	not required	not required	not required	not required	not required
	CH 39	2441	10.95			10.81					
	CH 78	2480	10.95			10.15					
Tune-up Limit			12	12	12	12	12	12	15	15	15

BT Duty cycle_Ant 4+3



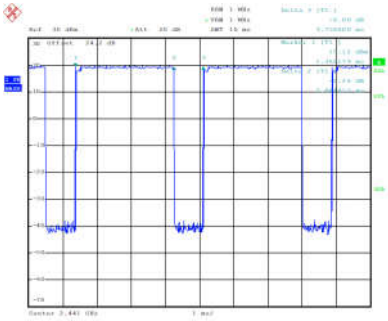
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	19.29	not required	not required
	CH 39	2441	19.18		
	CH 78	2480	19.53		
Tune-up Limit			21	18	18

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	20.39	not required	not required
	CH 39	2441	20.20		
	CH 78	2480	20.14		
Tune-up Limit			21	18	18

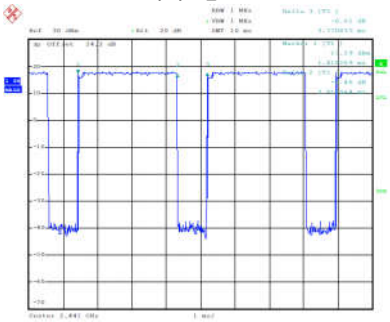
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			20.00	20.00

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			21	21

BT Duty cycle_Ant 4

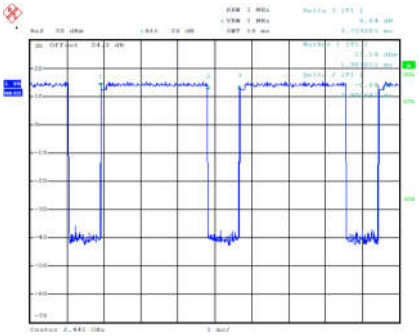


BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	17.12	not required	not required	16.55	not required	not required	not required	not required	not required
	CH 39	2441	16.75			16.35					
	CH 78	2480	17.31			16.94					
Tune-up Limit			17.5	15	15	17.5	15	15	20.5	18.00	18

BT Duty cycle_Ant 4+3



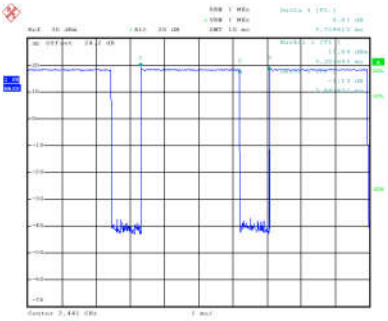
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.65	not required	not required
	CH 39	2441	14.65		
	CH 78	2480	14.85		
Tune-up Limit			15	15	15

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.55	not required	not required
	CH 39	2441	14.45		
	CH 78	2480	14.65		
Tune-up Limit			15	15	15

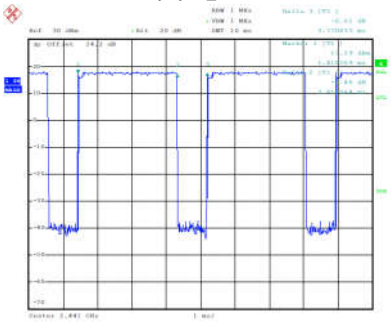
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			15	15

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			15	15

BT Duty cycle_Ant 4

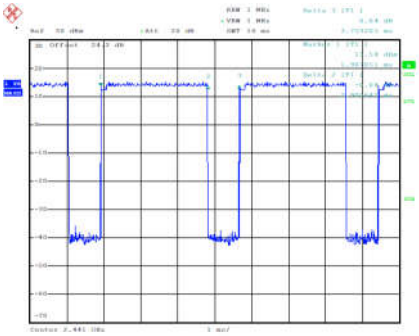


BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.75	not required	not required	14.75	not required	not required	not required	not required	not required
	CH 39	2441	14.75			14.55					
	CH 78	2480	14.75			14.35					
Tune-up Limit			15	15	15	15	15	15	18	18	18

BT Duty cycle_Ant 4+3



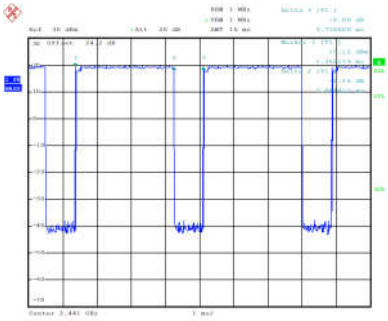
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	19.29	not required	not required
	CH 39	2441	19.18		
	CH 78	2480	19.53		
Tune-up Limit			21	18	18

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	20.39	not required	not required
	CH 39	2441	20.20		
	CH 78	2480	20.14		
Tune-up Limit			21	18	18

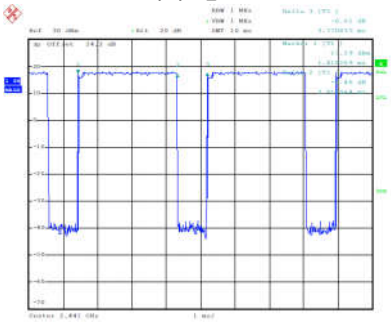
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			20	20

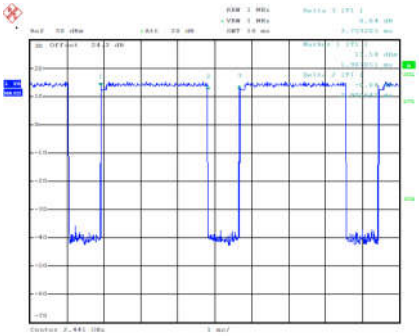
Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			21	21

BT Duty cycle_Ant 4



BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	17.12	not required	not required	16.55	not required	not required	not required	not required	not required
	CH 39	2441	16.75			16.35					
	CH 78	2480	17.31			16.94					
Tune-up Limit			17.5	15	15	17.5	15	15	20.5	18	18

BT Duty cycle_Ant 4+3