Full Power level/Default Power level for WWAN

GSM850_Ant 0	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	32.78	32.84	32.77	34.00	23.78	23.84	23.77	25.00
GPRS 1 Tx slot	33.03	33.01	33.00	34.00	24.03	24.01	24.00	25.00
GPRS 2 Tx slots	29.76	29.75	29.78	31.00	23.76	23.75	23.78	25.00
GPRS 3 Tx slots	27.74	27.85	27.81	29.20	23.48	23.59	23.55	24.94
GPRS 4 Tx slots	26.26	26.33	26.32	28.00	23.26	23.33	23.32	25.00
EDGE 1 Tx slot	27.16	27.09	27.11	28.00	18.16	18.09	18.11	19.00
EDGE 2 Tx slots	23.94	23.91	24.19	25.00	17.94	17.91	18.19	19.00
EDGE 3 Tx slots	22.07	22.02	22.31	23.20	17.81	17.76	18.05	18.94
EDGE 4 Tx slots	20.58	20.56	20.67	22.00	17.58	17.56	17.67	19.00

GSM850_Ant 1	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	32.38	32.30	32.22	33.50	23.38	23.30	23.22	24.50
GPRS 1 Tx slot	32.32	32.35	32.20	33.50	23.32	23.35	23.20	24.50
GPRS 2 Tx slots	28.76	28.92	28.84	30.50	22.76	22.92	22.84	24.50
GPRS 3 Tx slots	26.78	27.00	26.89	28.70	22.52	22.74	22.63	24.44
GPRS 4 Tx slots	25.61	25.76	25.66	27.50	22.61	22.76	22.66	24.50
EDGE 1 Tx slot	26.29	26.00	26.02	27.50	17.29	17.00	17.02	18.50
EDGE 2 Tx slots	22.97	23.05	23.00	24.50	16.97	17.05	17.00	18.50
EDGE 3 Tx slots	21.33	21.19	21.11	22.70	17.07	16.93	16.85	18.44
EDGE 4 Tx slots	19.91	19.79	19.84	21.50	16.91	16.79	16.84	18.50

GSM1900_Ant 2	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	30.50	30.49	30.31	31.00	21.50	21.49	21.31	22.00
GPRS 1 Tx slot	30.40	30.42	30.38	31.00	21.40	21.42	21.38	22.00
GPRS 2 Tx slots	27.08	27.18	27.03	28.00	21.08	21.18	21.03	22.00
GPRS 3 Tx slots	25.03	25.15	25.08	26.20	20.77	20.89	20.82	21.94
GPRS 4 Tx slots	23.52	23.66	23.53	25.00	20.52	20.66	20.53	22.00
EDGE 1 Tx slot	26.09	26.24	26.01	26.50	17.09	17.24	17.01	17.50
EDGE 2 Tx slots	22.82	23.11	22.87	23.50	16.82	17.11	16.87	17.50
EDGE 3 Tx slots	20.83	21.20	20.94	21.70	16.57	16.94	16.68	17.44
EDGE 4 Tx slots	19.19	19.38	19.16	20.50	16.19	16.38	16.16	17.50

GSM1900_Ant 5	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	29.25	29.18	29.19	31.00	20.25	20.18	20.19	22.00
GPRS 1 Tx slot	29.35	29.39	29.20	31.00	20.35	20.39	20.20	22.00
GPRS 2 Tx slots	26.23	26.36	26.22	28.00	20.23	20.36	20.22	22.00
GPRS 3 Tx slots	24.29	24.36	24.28	26.20	20.03	20.10	20.02	21.94
GPRS 4 Tx slots	23.18	23.27	23.20	25.00	20.18	20.27	20.20	22.00
EDGE 1 Tx slot	25.24	25.09	25.01	26.50	16.24	16.09	16.01	17.50
EDGE 2 Tx slots	22.25	21.99	22.22	23.50	16.25	15.99	16.22	17.50
EDGE 3 Tx slots	20.07	20.12	20.07	21.70	15.81	15.86	15.81	17.44
EDGE 4 Tx slots	18.51	18.59	18.55	20.50	15.51	15.59	15.55	17.50

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.09	24.07	25.00	23.37	23.36	23.33	25.00
3GPP Rel 99	RMC 12.2Kbps	24.07	24.11	24.08	25.00	23.41	23.42	23.31	25.00
3GPP Rel 6	HSDPA Subtest-1	23.04	23.15	23.09	24.00	22.09	22.20	22.22	24.00
3GPP Rel 6	HSDPA Subtest-2	23.03	23.05	23.00	24.00	22.07	22.08	22.08	24.00
3GPP Rel 6	HSDPA Subtest-3	22.65	22.76	22.63	23.50	21.83	21.84	21.71	23.50
3GPP Rel 6	HSDPA Subtest-4	22.59	22.70	22.66	23.50	21.71	21.88	21.81	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.00	23.05	23.04	24.00	22.01	22.09	22.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.99	23.03	22.97	24.00	22.05	22.03	22.08	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.59	22.62	22.58	23.50	21.78	21.85	21.68	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.57	22.55	22.55	23.50	21.81	21.82	21.70	23.50
3GPP Rel 6	HSUPA Subtest-1	19.90	19.91	19.92	24.00	19.35	19.46	19.39	24.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.89	19.85	22.00	19.38	19.39	19.31	22.00
3GPP Rel 6	HSUPA Subtest-3	20.92	20.95	20.98	23.00	20.49	20.51	20.56	23.00
3GPP Rel 6	HSUPA Subtest-4	19.39	19.44	19.41	22.00	18.89	19.03	18.91	22.00
3GPP Rel 6	HSUPA Subtest-5	20.90	20.90	20.90	24.00	20.36	20.45	20.38	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.83	19.91	19.76	21.50	19.27	19.38	19.40	21.50

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 5			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.97	24.10	24.06	25.00	23.42	23.55	23.46	25.00
3GPP Rel 99	RMC 12.2Kbps	23.99	24.11	24.06	25.00	23.46	23.56	23.48	25.00
3GPP Rel 6	HSDPA Subtest-1	23.06	23.23	23.20	24.00	22.35	22.55	22.51	24.00
3GPP Rel 6	HSDPA Subtest-2	23.02	23.16	23.12	24.00	22.19	22.35	22.41	24.00
3GPP Rel 6	HSDPA Subtest-3	22.55	22.69	22.67	23.50	21.83	21.85	21.90	23.50
3GPP Rel 6	HSDPA Subtest-4	22.54	22.69	22.59	23.50	21.82	22.01	21.83	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.02	22.95	24.00	22.28	22.30	22.32	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.98	23.00	23.01	24.00	22.30	22.33	22.28	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.50	22.51	22.49	23.50	21.76	21.80	21.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.55	22.48	22.50	23.50	21.81	21.77	21.75	23.50
3GPP Rel 6	HSUPA Subtest-1	20.80	20.92	20.88	24.00	20.47	20.52	20.55	24.00
3GPP Rel 6	HSUPA Subtest-2	20.77	20.90	20.87	22.00	20.34	20.45	20.42	22.00
3GPP Rel 6	HSUPA Subtest-3	21.81	21.98	21.91	23.00	21.40	21.63	21.59	23.00
3GPP Rel 6	HSUPA Subtest-4	20.35	20.48	20.37	22.00	19.99	20.20	20.05	22.00
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	21.90	24.00	21.51	21.49	21.54	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.06	20.23	20.15	21.50	19.78	19.82	19.80	21.50

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.74	23.76	23.64	25.00	23.64	23.60	23.58	25.50
3GPP Rel 99	RMC 12.2Kbps	23.76	23.78	23.67	25.00	23.65	23.67	23.60	25.50
3GPP Rel 6	HSDPA Subtest-1	22.72	22.82	22.80	24.00	22.64	22.70	22.61	24.50
3GPP Rel 6	HSDPA Subtest-2	22.78	22.75	22.86	24.00	22.72	22.65	22.54	24.50
3GPP Rel 6	HSDPA Subtest-3	22.24	22.38	22.32	23.50	22.19	22.16	22.16	24.00
3GPP Rel 6	HSDPA Subtest-4	22.27	22.35	22.31	23.50	22.06	22.17	22.08	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.74	22.76	22.78	24.00	22.62	22.59	22.62	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.70	22.73	22.71	24.00	22.58	22.55	22.63	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.21	22.28	22.19	23.50	22.08	22.02	22.03	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.23	22.22	22.20	23.50	22.01	22.03	22.00	24.00
3GPP Rel 6	HSUPA Subtest-1	19.55	19.72	19.68	24.00	19.58	19.63	19.54	24.50
3GPP Rel 6	HSUPA Subtest-2	17.68	17.76	17.71	22.00	17.56	17.66	17.50	22.50
3GPP Rel 6	HSUPA Subtest-3	18.69	18.85	18.77	23.00	18.58	18.67	18.62	23.50
3GPP Rel 6	HSUPA Subtest-4	19.13	19.22	19.16	22.00	19.22	19.16	19.04	22.50
3GPP Rel 6	HSUPA Subtest-5	20.70	20.80	20.80	24.00	20.60	20.70	20.50	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.02	18.85	18.92	21.50	18.48	18.69	18.70	22.00

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)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.81	23.71	23.64	24.5	0
20	QPSK	1	49	23.68	23.62	23.58		
20	QPSK	1	99	23.63	23.60	23.56		
20	QPSK	50	0	22.73	22.65	22.60	23.5	1
20	QPSK	50	24	22.65	22.62	22.53		
20	QPSK	50	50	22.65	22.55	22.51		
20	QPSK	100	0	22.69	22.59	22.53		
20	16QAM	1	0	23.13	22.92	22.89	23.5	1
20	16QAM	1	49	22.77	22.86	22.87		
20	16QAM	1	99	22.81	22.71	22.93		
20	16QAM	50	0	21.70	21.67	21.71	22.5	2
20	16QAM	50	24	21.68	21.63	21.64		
20	16QAM	50	50	21.67	21.54	21.62		
20	16QAM	100	0	21.67	21.55	21.58		
20	64QAM	1	0	21.63	21.67	21.58	22.5	2
20	64QAM	1	49	21.54	21.52	21.63		
20	64QAM	1	99	21.53	21.48	21.57		
20	64QAM	50	0	20.68	20.62	20.63	21.5	3
20	64QAM	50	24	20.67	20.61	20.58		
20	64QAM	50	50	20.65	20.51	20.58		
20	64QAM	100	0	20.60	20.52	20.62		
20	256QAM	1	0	18.65	18.61	18.57	19.5	5
20	256QAM	1	49	18.60	18.60	18.61		
20	256QAM	1	99	18.61	18.60	18.68		
20	256QAM	50	0	18.51	18.53	18.55	19.5	5
20	256QAM	50	24	18.57	18.52	18.53		
20	256QAM	50	50	18.55	18.49	18.60		
20	256QAM	100	0	18.52	18.44	18.61		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.77	23.80	23.60	24.5	0
15	QPSK	1	37	23.67	23.72	23.47		
15	QPSK	1	74	23.72	23.48	23.59		
15	QPSK	36	0	22.65	22.61	22.51	23.5	1
15	QPSK	36	20	22.61	22.61	22.59		
15	QPSK	36	39	22.57	22.42	22.55		
15	QPSK	75	0	22.58	22.53	22.66		
15	16QAM	1	0	23.08	23.12	23.13	23.5	1
15	16QAM	1	37	23.00	23.03	22.98		
15	16QAM	1	74	23.00	22.98	23.04		
15	16QAM	36	0	21.64	21.64	21.53	22.5	2
15	16QAM	36	20	21.65	21.55	21.63		
15	16QAM	36	39	21.65	21.49	21.55		
15	16QAM	75	0	21.60	21.55	21.54		
15	64QAM	1	0	21.67	21.78	21.67	22.5	2
15	64QAM	1	37	21.63	21.71	21.82		
15	64QAM	1	74	21.89	21.63	21.83		
15	64QAM	36	0	20.64	20.65	20.54	21.5	3
15	64QAM	36	20	20.59	20.64	20.58		
15	64QAM	36	39	20.58	20.54	20.56		
15	64QAM	75	0	20.58	20.60	20.46		
15	256QAM	1	0	18.38	18.47	18.53	19.5	5
15	256QAM	1	37	18.23	18.38	18.64		
15	256QAM	1	74	18.65	18.57	18.21		
15	256QAM	36	0	18.29	18.59	18.37	19.5	5
15	256QAM	36	20	18.29	18.29	18.47		
15	256QAM	36	39	18.56	18.55	18.54		
15	256QAM	75	0	18.22	18.20	18.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1905		
10	QPSK	1	0	23.69	23.56	23.50	24.5	0
10	QPSK	1	25	23.63	23.47	23.42		
10	QPSK	1	49	23.56	23.49	23.51		
10	QPSK	25	0	22.59	22.56	22.50	23.5	1
10	QPSK	25	12	22.60	22.60	22.56		
10	QPSK	25	25	22.59	22.50	22.45		
10	QPSK	50	0	22.63	22.53	22.52		
10	16QAM	1	0	22.77	22.42	22.56	23.5	1
10	16QAM	1	25	22.43	22.36	22.51		
10	16QAM	1	49	22.43	22.38	22.61		
10	16QAM	25	0	21.65	21.64	21.52	22.5	2
10	16QAM	25	12	21.64	21.58	21.53		
10	16QAM	25	25	21.58	21.47	21.50		
10	16QAM	50	0	21.67	21.57	21.47		
10	64QAM	1	0	22.02	21.88	21.54	22.5	2
10	64QAM	1	25	21.91	21.84	21.48		
10	64QAM	1	49	21.90	21.86	21.56		
10	64QAM	25	0	20.53	20.46	20.46	21.5	3
10	64QAM	25	12	20.59	20.45	20.53		
10	64QAM	25	25	20.49	20.45	20.46		
10	64QAM	50	0	20.60	20.59	20.55		
10	256QAM	1	0	18.38	18.31	18.49	19.5	5
10	256QAM	1	25	18.41	18.53	18.23		
10	256QAM	1	49	18.52	18.23	18.47		
10	256QAM	25	0	18.54	18.28	18.39		
10	256QAM	25	12	18.57	18.65	18.62	19.5	5
10	256QAM	25	25	18.63	18.20	18.21		
10	256QAM	50	0	18.52	18.33	18.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.62	23.51	23.53	24.5	0
5	QPSK	1	12	23.53	23.43	23.63		
5	QPSK	1	24	23.52	23.48	23.59		
5	QPSK	12	0	22.67	22.55	22.54	23.5	1
5	QPSK	12	7	22.64	22.54	22.52		
5	QPSK	12	13	22.56	22.52	22.49		
5	QPSK	25	0	22.56	22.56	22.46		
5	16QAM	1	0	22.89	22.93	22.92	23.5	1
5	16QAM	1	12	22.64	23.01	22.86		
5	16QAM	1	24	22.60	22.92	22.83		
5	16QAM	12	0	21.67	21.64	21.55	22.5	2
5	16QAM	12	7	21.62	21.58	21.55		
5	16QAM	12	13	21.55	21.54	21.53		
5	16QAM	25	0	21.50	21.56	21.60		
5	64QAM	1	0	21.86	21.85	21.85	22.5	2
5	64QAM	1	12	21.84	21.87	21.82		
5	64QAM	1	24	21.87	21.81	21.87		
5	64QAM	12	0	20.70	20.54	20.60	21.5	3
5	64QAM	12	7	20.55	20.50	20.51		
5	64QAM	12	13	20.64	20.48	20.50		
5	64QAM	25	0	20.66	20.52	20.58		
5	256QAM	1	0	18.39	18.49	18.35	19.5	5
5	256QAM	1	12	18.65	18.42	18.38		
5	256QAM	1	24	18.32	18.23	18.64		
5	256QAM	12	0	18.23	18.54	18.63	19.5	5
5	256QAM	12	7	18.25	18.61	18.49		
5	256QAM	12	13	18.44	18.62	18.34		
5	256QAM	25	0	18.38	18.49	18.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.74	23.40	23.37	24.5	0
3	QPSK	1	8	23.79	23.52	23.48		
3	QPSK	1	14	23.65	23.54	23.40		
3	QPSK	8	0	22.57	22.58	22.49	23.5	1
3	QPSK	8	4	22.54	22.51	22.52		
3	QPSK	8	7	22.56	22.52	22.50		
3	QPSK	15	0	22.53	22.49	22.50		
3	16QAM	1	0	23.09	22.74	22.76	23.5	1
3	16QAM	1	8	23.05	22.80	22.80		
3	16QAM	1	14	23.01	22.72	22.76		
3	16QAM	8	0	21.62	21.60	21.52	22.5	2
3	16QAM	8	4	21.60	21.60	21.48		
3	16QAM	8	7	21.58	21.58	21.48		
3	16QAM	15	0	21.69	21.57	21.64		
3	64QAM	1	0	21.34	21.55	21.48	22.5	2
3	64QAM	1	8	21.59	21.56	21.46		
3	64QAM	1	14	21.53	21.54	21.48		
3	64QAM	8	0	20.43	20.44	20.51	21.5	3
3	64QAM	8	4	20.50	20.46	20.53		
3	64QAM	8	7	20.53	20.45	20.56		
3	64QAM	15	0	20.73	20.55	20.47		
3	256QAM	1	0	18.44	18.62	18.38	19.5	5
3	256QAM	1	8	18.20	18.48	18.43		
3	256QAM	1	14	18.25	18.32	18.59		
3	256QAM	8	0	18.38	18.54	18.57	19.5	5
3	256QAM	8	4	18.28	18.63	18.23		
3	256QAM	8	7	18.20	18.27	18.28		
3	256QAM	15	0	18.27	18.42	18.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.65	23.61	23.57	24.5	0
1.4	QPSK	1	3	23.75	23.63	23.49		
1.4	QPSK	1	5	23.78	23.60	23.64		
1.4	QPSK	3	0	23.51	23.46	23.37		
1.4	QPSK	3	1	23.52	23.43	23.40		
1.4	QPSK	3	2	23.52	23.43	23.42		
1.4	QPSK	6	0	22.58	22.58	22.49	23.5	1
1.4	16QAM	1	0	22.90	22.90	22.88	23.5	1
1.4	16QAM	1	3	22.94	22.93	22.94		
1.4	16QAM	1	5	22.97	22.87	23.04		
1.4	16QAM	3	0	22.50	22.57	22.58		
1.4	16QAM	3	1	22.59	22.53	22.57		
1.4	16QAM	3	2	22.59	22.50	22.54		
1.4	64QAM	6	0	21.72	21.65	21.47	22.5	2
1.4	64QAM	1	0	21.86	21.83	21.56	22.5	2
1.4	64QAM	1	3	21.87	21.78	21.58		
1.4	64QAM	1	5	21.89	21.85	21.55		
1.4	64QAM	3	0	21.74	21.68	21.77		
1.4	64QAM	3	1	21.72	21.72	21.70		
1.4	64QAM	3	2	21.67	21.63	21.81		
1.4	64QAM	6	0	20.50	20.51	20.44	21.5	3
1.4	256QAM	1	0	18.44	18.25	18.58	19.5	5
1.4	256QAM	1	3	18.53	18.34	18.55		
1.4	256QAM	1	5	18.20	18.56	18.21		
1.4	256QAM	3	0	18.55	18.48	18.59		
1.4	256QAM	3	1	18.62	18.40	18.21		
1.4	256QAM	3	2	18.43	18.53	18.31		
1.4	256QAM	6	0	18.60	18.46	18.20	19.5	5

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.98	23.90	23.86	25	0
20	QPSK	1	49	23.80	23.79	23.75		
20	QPSK	1	99	23.76	23.72	23.69		
20	QPSK	50	0	22.89	22.90	22.85	24	1
20	QPSK	50	24	22.89	22.88	22.79		
20	QPSK	50	50	22.87	22.75	22.70		
20	QPSK	100	0	22.87	22.86	22.76		
20	16QAM	1	0	23.09	23.16	23.08	24	1
20	16QAM	1	49	23.03	23.05	23.08		
20	16QAM	1	99	23.03	22.97	23.04		
20	16QAM	50	0	21.93	21.83	21.87	23	2
20	16QAM	50	24	21.87	21.87	21.82		
20	16QAM	50	50	21.86	21.72	21.89		
20	16QAM	100	0	21.82	21.79	21.83		
20	64QAM	1	0	22.08	22.01	21.93	23	2
20	64QAM	1	49	22.01	21.92	21.92		
20	64QAM	1	99	21.94	21.87	21.94		
20	64QAM	50	0	20.94	20.84	20.86	22	3
20	64QAM	50	24	20.88	20.84	20.84		
20	64QAM	50	50	20.85	20.74	20.87		
20	64QAM	100	0	20.85	20.81	20.84		
20	256QAM	1	0	18.74	18.74	18.84	20	5
20	256QAM	1	49	18.77	18.82	18.82		
20	256QAM	1	99	18.88	18.78	18.95		
20	256QAM	50	0	18.82	18.58	18.81	20	5
20	256QAM	50	24	18.70	18.77	18.73		
20	256QAM	50	50	18.78	18.63	18.85		
20	256QAM	100	0	18.72	18.65	18.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.94	23.88	23.82	25	0
15	QPSK	1	37	23.86	23.82	23.69		
15	QPSK	1	74	23.91	23.80	23.79		
15	QPSK	36	0	22.88	22.86	22.76	24	1
15	QPSK	36	20	22.82	22.82	22.81		
15	QPSK	36	39	22.79	22.71	22.84		
15	QPSK	75	0	22.85	22.79	22.81		
15	16QAM	1	0	23.11	23.13	23.11	24	1
15	16QAM	1	37	23.12	23.02	23.02		
15	16QAM	1	74	23.13	22.98	23.00		
15	16QAM	36	0	21.84	21.86	21.75	23	2
15	16QAM	36	20	21.85	21.81	21.80		
15	16QAM	36	39	21.85	21.71	21.81		
15	16QAM	75	0	21.85	21.78	21.80		
15	64QAM	1	0	22.04	22.02	22.04	23	2
15	64QAM	1	37	21.95	21.95	21.93		
15	64QAM	1	74	21.95	21.90	21.92		
15	64QAM	36	0	20.89	20.86	20.82	22	3
15	64QAM	36	20	20.87	20.87	20.82		
15	64QAM	36	39	20.87	20.73	20.85		
15	64QAM	75	0	20.85	20.78	20.77		
15	256QAM	1	0	18.62	18.74	18.84	20	5
15	256QAM	1	37	18.58	18.54	18.54		
15	256QAM	1	74	18.75	18.68	18.54		
15	256QAM	36	0	18.61	18.85	18.80	20	5
15	256QAM	36	20	18.60	18.69	18.61		
15	256QAM	36	39	18.56	18.62	18.60		
15	256QAM	75	0	18.81	18.85	18.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1905		
10	QPSK	1	0	23.95	23.87	23.79	25	0
10	QPSK	1	25	23.82	23.80	23.75		
10	QPSK	1	49	23.83	23.77	23.81		
10	QPSK	25	0	22.87	22.81	22.74	24	1
10	QPSK	25	12	22.82	22.81	22.77		
10	QPSK	25	25	22.81	22.74	22.77		
10	QPSK	50	0	22.86	22.81	22.79		
10	16QAM	1	0	23.12	23.02	22.99	24	1
10	16QAM	1	25	23.02	22.97	22.95		
10	16QAM	1	49	23.09	22.95	22.95		
10	16QAM	25	0	21.92	21.86	21.77	23	2
10	16QAM	25	12	21.87	21.84	21.82		
10	16QAM	25	25	21.80	21.78	21.78		
10	16QAM	50	0	21.86	21.81	21.81		
10	64QAM	1	0	22.01	22.00	21.92	23	2
10	64QAM	1	25	21.94	21.98	21.88		
10	64QAM	1	49	21.92	21.89	21.93		
10	64QAM	25	0	20.87	20.82	20.76	22	3
10	64QAM	25	12	20.86	20.79	20.81		
10	64QAM	25	25	20.77	20.73	20.77		
10	64QAM	50	0	20.83	20.81	20.80		
10	256QAM	1	0	18.58	18.61	18.63	20	5
10	256QAM	1	25	18.71	18.64	18.76		
10	256QAM	1	49	18.52	18.75	18.53		
10	256QAM	25	0	18.63	18.57	18.51		
10	256QAM	25	12	18.55	18.59	18.60		
10	256QAM	25	25	18.67	18.71	18.62		
10	256QAM	50	0	18.83	18.84	18.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.88	23.88	23.80	25	0
5	QPSK	1	12	23.88	23.86	23.81		
5	QPSK	1	24	23.85	23.81	23.84		
5	QPSK	12	0	22.89	22.84	22.82	24	1
5	QPSK	12	7	22.87	22.86	22.80		
5	QPSK	12	13	22.82	22.78	22.74		
5	QPSK	25	0	22.85	22.84	22.80		
5	16QAM	1	0	23.11	23.12	23.07	24	1
5	16QAM	1	12	23.09	23.04	23.00		
5	16QAM	1	24	23.06	23.04	22.93		
5	16QAM	12	0	21.87	21.84	21.82	23	2
5	16QAM	12	7	21.86	21.78	21.78		
5	16QAM	12	13	21.78	21.75	21.74		
5	16QAM	25	0	21.87	21.88	21.82		
5	64QAM	1	0	22.00	21.97	21.91	23	2
5	64QAM	1	12	22.00	21.96	21.97		
5	64QAM	1	24	21.97	21.96	21.97		
5	64QAM	12	0	20.92	20.86	20.81	22	3
5	64QAM	12	7	20.90	20.82	20.81		
5	64QAM	12	13	20.79	20.81	20.74		
5	64QAM	25	0	20.84	20.80	20.78		
5	256QAM	1	0	18.65	18.79	18.75	20	5
5	256QAM	1	12	18.78	18.73	18.75		
5	256QAM	1	24	18.69	18.78	18.61		
5	256QAM	12	0	18.60	18.63	18.51	20	5
5	256QAM	12	7	18.78	18.63	18.55		
5	256QAM	12	13	18.77	18.53	18.51		
5	256QAM	25	0	18.62	18.66	18.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.89	23.80	23.75	25	0
3	QPSK	1	8	23.83	23.79	23.77		
3	QPSK	1	14	23.81	23.75	23.76		
3	QPSK	8	0	22.94	22.84	22.82	24	1
3	QPSK	8	4	22.83	22.77	22.76		
3	QPSK	8	7	22.83	22.78	22.78		
3	QPSK	15	0	22.85	22.78	22.79		
3	16QAM	1	0	23.02	23.03	22.88	24	1
3	16QAM	1	8	23.05	23.00	22.90		
3	16QAM	1	14	23.02	22.98	22.87		
3	16QAM	8	0	21.94	21.91	21.92	23	2
3	16QAM	8	4	21.94	21.84	21.91		
3	16QAM	8	7	21.95	21.85	21.91		
3	16QAM	15	0	21.89	21.82	21.87		
3	64QAM	1	0	21.98	21.96	21.95	23	2
3	64QAM	1	8	21.98	21.98	21.96		
3	64QAM	1	14	21.96	21.94	21.94		
3	64QAM	8	0	20.88	20.86	20.86	22	3
3	64QAM	8	4	20.87	20.79	20.86		
3	64QAM	8	7	20.92	20.84	20.86		
3	64QAM	15	0	20.87	20.78	20.83		
3	256QAM	1	0	18.61	18.69	18.54	20	5
3	256QAM	1	8	18.51	18.85	18.84		
3	256QAM	1	14	18.67	18.51	18.63		
3	256QAM	8	0	18.67	18.78	18.66	20	5
3	256QAM	8	4	18.65	18.69	18.54		
3	256QAM	8	7	18.65	18.61	18.57		
3	256QAM	15	0	18.66	18.79	18.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.78	23.76	23.72	24.5	0
1.4	QPSK	1	3	23.81	23.77	23.75		
1.4	QPSK	1	5	23.84	23.72	23.75		
1.4	QPSK	3	0	23.79	23.79	23.79		
1.4	QPSK	3	1	23.82	23.77	23.77		
1.4	QPSK	3	2	23.79	23.78	23.78		
1.4	QPSK	6	0	22.85	22.83	22.78	24	1
1.4	16QAM	1	0	23.05	22.97	22.95	24	1
1.4	16QAM	1	3	22.94	22.93	22.94		
1.4	16QAM	1	5	23.02	22.94	22.93		
1.4	16QAM	3	0	22.86	22.86	22.82	24	1
1.4	16QAM	3	1	22.90	22.85	22.80		
1.4	16QAM	3	2	22.91	22.88	22.82		
1.4	64QAM	6	0	21.93	21.89	21.87	23	2
1.4	64QAM	1	0	22.03	22.02	21.98	23	2
1.4	64QAM	1	3	22.01	21.99	21.97		
1.4	64QAM	1	5	22.03	21.98	21.90		
1.4	64QAM	3	0	21.91	21.89	21.90		
1.4	64QAM	3	1	21.91	21.88	21.92		
1.4	64QAM	3	2	21.90	21.86	21.90		
1.4	64QAM	6	0	20.82	20.78	20.76	22	3
1.4	256QAM	1	0	18.80	18.68	18.67	20	5
1.4	256QAM	1	3	18.57	18.82	18.71		
1.4	256QAM	1	5	18.83	18.60	18.77		
1.4	256QAM	3	0	18.77	18.55	18.73		
1.4	256QAM	3	1	18.72	18.83	18.50		
1.4	256QAM	3	2	18.74	18.53	18.75		
1.4	256QAM	6	0	18.64	18.76	18.52	20	5

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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.14	23.68	23.45	24.5	0
20	QPSK	1	49	23.20	23.43	23.15		
20	QPSK	1	99	23.26	23.30	23.20		
20	QPSK	50	0	22.32	22.53	22.27	23.5	1
20	QPSK	50	24	22.32	22.45	22.22		
20	QPSK	50	50	22.33	22.48	22.17		
20	QPSK	100	0	22.25	22.54	22.37		
20	16QAM	1	0	22.37	22.48	22.13	23.5	1
20	16QAM	1	49	22.37	22.48	22.21		
20	16QAM	1	99	22.40	22.40	22.27		
20	16QAM	50	0	21.35	21.37	21.54	22.5	2
20	16QAM	50	24	21.36	21.48	21.51		

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
				Channel				
				Frequency (MHz)				
20	QPSK	1	0	25.46	25.55	25.53		
20	QPSK	1	49	25.31	25.44	25.41	25.7	0
20	QPSK	1	99	25.31	25.37	25.43		
20	QPSK	50	0	24.32	24.52	24.44		
20	QPSK	50	24	24.33	24.44	24.42	24.7	1
20	QPSK	50	50	24.32	24.50	24.42		
20	QPSK	100	0	24.29	24.41	24.40		
20	16QAM	1	0	24.55	24.68	24.51		
20	16QAM	1	49	24.39	24.62	24.59	24.7	1
20	16QAM	1	99	24.40	24.54	24.53		
20	16QAM	50	0	23.29	23.50	23.39		
20	16QAM	50	24	23.32	23.48	23.41	23.7	2
20	16QAM	50	50	23.31	23.49	23.41		
20	16QAM	100	0	23.35	23.42	23.38		
20	64QAM	1	0	23.47	23.51	23.58		
20	64QAM	1	49	23.34	23.46	23.50	23.7	2
20	64QAM	1	99	23.32	23.41	23.45		
20	64QAM	50	0	22.30	22.49	22.39		
20	64QAM	50	24	22.28	22.43	22.44	22.7	3
20	64QAM	50	50	22.24	22.44	22.42		
20	64QAM	100	0	22.34	22.44	22.41		
20	256QAM	1	0	20.41	20.40	20.30		
20	256QAM	1	49	20.32	20.39	20.31	20.7	5
20	256QAM	1	99	20.40	20.44	20.44		
20	256QAM	50	0	20.14	20.35	20.19		
20	256QAM	50	24	20.22	20.28	20.21	20.7	5
20	256QAM	50	50	20.29	20.37	20.31		
20	256QAM	100	0	20.31	20.35	20.27		
				Channel	20425	20175	20325	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1717.5	1732.5	1747.5		
15	QPSK	1	0	25.40	25.44	25.43		
15	QPSK	1	37	25.30	25.40	25.39	25.7	0
15	QPSK	1	74	25.28	25.38	25.37		
15	QPSK	36	0	24.26	24.40	24.42		
15	QPSK	36	20	24.29	24.39	24.35	24.7	1
15	QPSK	36	39	24.27	24.39	24.39		
15	QPSK	75	0	24.28	24.39	24.41		
15	16QAM	1	0	24.54	24.62	24.63		
15	16QAM	1	37	24.40	24.59	24.58	24.7	1
15	16QAM	1	74	24.45	24.55	24.52		
15	16QAM	36	0	23.28	23.43	23.38		
15	16QAM	36	20	23.32	23.37	23.35	23.7	2
15	16QAM	36	39	23.27	23.38	23.36		
15	16QAM	75	0	23.30	23.39	23.38		
15	64QAM	1	0	23.57	23.58	23.52		
15	64QAM	1	37	23.44	23.52	23.46	23.7	2
15	64QAM	1	74	23.42	23.49	23.43		
15	64QAM	36	0	22.29	22.47	22.44		
15	64QAM	36	20	22.31	22.42	22.40	22.7	3
15	64QAM	36	39	22.28	22.47	22.38		
15	64QAM	75	0	22.29	22.43	22.41		
15	256QAM	1	0	20.05	20.05	20.10		
15	256QAM	1	37	19.94	19.94	19.94	20.7	5
15	256QAM	1	74	19.99	20.01	20.06		
15	256QAM	36	0	20.05	20.00	19.95		
15	256QAM	36	20	20.03	20.13	20.12	20.7	5
15	256QAM	36	39	20.07	19.96	20.08		
15	256QAM	75	0	19.93	19.91	20.01		
				Channel	20400	20175	20350	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1715	1732.5	1750		
10	QPSK	1	0	25.44	25.47	25.41		
10	QPSK	1	25	25.31	25.43	25.40	25.7	0
10	QPSK	1	49	25.36	25.42	25.39		
10	QPSK	25	0	24.30	24.43	24.38		
10	QPSK	25	12	24.30	24.42	24.43	24.7	1
10	QPSK	25	25	24.32	24.39	24.39		
10	QPSK	50	0	24.33	24.45	24.41		
10	16QAM	1	0	24.51	24.56	24.56		
10	16QAM	1	25	24.43	24.57	24.52	24.7	1
10	16QAM	1	49	24.41	24.61	24.50		
10	16QAM	25	0	23.34	23.43	23.40		
10	16QAM	25	12	23.38	23.44	23.42	23.7	2
10	16QAM	25	25	23.36	23.42	23.37		
10	16QAM	50	0	23.35	23.42	23.40		
10	64QAM	1	0	23.48	23.54	23.55		
10	64QAM	1	25	23.38	23.49	23.53	23.7	2
10	64QAM	1	49	23.40	23.45	23.51		
10	64QAM	25	0	22.32	22.45	22.38		
10	64QAM	25	12	22.34	22.43	22.42	22.7	3
10	64QAM	25	25	22.33	22.44	22.38		
10	64QAM	50	0	22.34	22.45	22.40		
10	256QAM	1	0	19.99	20.14	20.11		
10	256QAM	1	25	20.09	19.92	19.96	20.7	5
10	256QAM	1	49	20.01	20.05	20.10		
10	256QAM	25	0	20.08	20.03	20.15		
10	256QAM	25	12	20.12	19.92	20.07	20.7	5
10	256QAM	25	25	20.11	20.13	20.08		
10	256QAM	50	0	19.96	19.98	20.06		
				Channel	19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1712.5	1732.5	1752.5		
5	QPSK	1	0	25.47	25.49	25.45		
5	QPSK	1	12	25.47	25.47	25.45	25.7	0
5	QPSK	1	24	25.35	25.46	25.45		
5	QPSK	12	0	24.36	24.44	24.38		
5	QPSK	12	7	24.34	24.39	24.40	24.7	1
5	QPSK	12	13	24.30	24.39	24.34		
5	QPSK	25	0	24.35	24.43	24.38		
5	16QAM	1	0	24.58	24.65	24.56		
5	16QAM	1	12	24.56	24.62	24.49	24.7	1
5	16QAM	1	24	24.46	24.58	24.51		
5	16QAM	12	0	23.32	23.42	23.35		
5	16QAM	12	7	23.35	23.42	23.39	23.7	2
5	16QAM	12	13	23.30	23.38	23.32		
5	16QAM	25	0	23.41	23.45	23.40		
5	64QAM	1	0	23.51	23.52	23.55		
5	64QAM	1	12	23.51	23.53	23.52	23.7	2
5	64QAM	1	24	23.42	23.48	23.51		
5	64QAM	12	0	22.40	22.45	22.41		
5	64QAM	12	7	22.41	22.42	22.43	22.7	3
5	64QAM	12	13	22.35	22.45	22.31		
5	64QAM	25	0	22.36	22.46	22.40		
5	256QAM	1	0	20.10	19.90	19.95		
5	256QAM	1	12	20.05	19.94	20.14	20.7	5
5	256QAM	1	24	19.97	20.11	20.12		
5	256QAM	12	0	19.99	20.03	19.98		
5	256QAM	12	7	20.05	20.14	20.08	20.7	5
5	256QAM	12	13	20.01	20.07	20.08		
5	256QAM	25	0	20.01	19.91	19.94		
				Channel	19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1711.5	1732.5	1753.5		
3	QPSK	1	0	25.45	25.46	25.38		
3	QPSK	1	8	25.46	25.42	25.36	25.7	0
3	QPSK	1	14	25.43	25.42	25.36		
3	QPSK	8	0	24.38	24.40	24.38		
3	QPSK	8	4	24.35	24.34	24.35	24.7	1
3	QPSK	8	7	24.38	24.37	24.36		
3	QPSK	15	0	24.38	24.40	24.35		
3	16QAM	1	0	24.50	24.63	24.54		
3	16QAM	1	8	24.50	24.62	24.53	24.7	1
3	16QAM	1	14	24.51	24.59	24.52		
3	16QAM	8	0	23.45	23.50	23.47		
3	16QAM	8	4	23.45	23.45	23.43	23.7	2
3	16QAM	8	7	23.45	23.47	23.45		
3	16QAM	15	0	23.42	23.44	23.40		
3	64QAM	1	0	23.45	23.47	23.42		
3	64QAM	1	8	23.48	23.45	23.46	23.7	2
3	64QAM	1	14	23.48	23.45	23.46		
3	64QAM	8	0	22.44	22.45	22.46		
3	64QAM	8	4	22.43	22.42	22.40	22.7	3
3	64QAM	8	7	22.47	22.46	22.45		
3	64QAM	15	0	22.41	22.41	22.42		
3	256QAM	1	0	20.08	19.94	20.09		
3	256QAM	1	8	19.92	19.95	19.91	20.7	5
3	256QAM	1	14	19.92	19.91	20.03		
3	256QAM	8	0	20.05	19.96	20.09		
3	256QAM	8	4	20.14	19.92	19.93	20.7	5
3	256QAM	8	7	20.12	20.08	19.92		
3	256QAM	15	0	20.00	19.96	20.12		
				Channel	19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1710.7	1732.5	1754.3		
1.4	QPSK	1	0	25.31	25.36	25.34		
1.4	QPSK	1	3	25.33	25.37	25.31		
1.4	QPSK	1	5	25.32	25.36	25.31	25.7	0
1.4	QPSK	3	0	25.33	25.35	25.40		
1.4	QPSK	3	1	25.31	25.37	25.40		
1.4	QPSK	3	3	25.34	25.38	25.39		
1.4	QPSK	6	0	24.34	24.39	24.36	24.7	1
1.4	16QAM	1	0	24.47	24.58	24.55		
1.4	16QAM	1	3	24.45	24.62	24.54		
1.4	16QAM	1	5	24.44	24.58	24.51	24.7	1
1.4	16QAM	3	0	24.37	24.41	24.38		
1.4	16QAM	3	1	24.37	24.41	24.37		
1.4	16QAM	3	3	24.34	24.37	24.37		
1.4	16QAM	6	0	23.39	23.47	23.39	23.7	2
1.4	64QAM	1	0	23.53	23.58	23.43		
1.4	64QAM	1	3	23.48	23.47	23.40		
1.4	64QAM	1	5	23.40	23.46	23.46	23.7	2
1.4	64QAM	3	0	23.46	23.47	23.41		
1.4	64QAM	3	1	23.46	23.47	23.40		
1.4	64QAM	3	3	23.46	23.46	23.39		
1.4	64QAM	6	0	22.34	22.37	22.34	22.7	3
1.4	256QAM	1	0	19.94	19.93	20.13		
1.4	256QAM	1	3	20.05	20.13	20.02		
1.4	256QAM	1	5	19.97	20.06	19.94	20.7	5
1.4	256QAM	3	0	19.97	19.98	20.07		
1.4	256QAM	3	1	20.07	19.99	20.12		
1.4	256QAM	3	3	20.10	19.94	20.09		
1.4	256QAM	6	0	20.15	19.99	20.07	20.7	5

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
				Channel				
				Frequency (MHz)				
20	QPSK	1	0	24.42	24.55	24.47		
20	QPSK	1	49	24.16	24.24	24.22	25	0
20	QPSK	1	99	24.18	24.30	24.40		
20	QPSK	50	0	23.26	23.38	23.35		
20	QPSK	50	24	23.25	23.33	23.34	24	1
20	QPSK	50	50	23.31	23.36	23.32		
20	QPSK	100	0	23.32	23.33	23.30		
20	16QAM	1	0	23.59	23.41	23.58		
20	16QAM	1	49	23.41	23.69	23.54	24	1
20	16QAM	1	99	23.42	23.64	23.68		
20	16QAM	50	0	22.22	22.39	22.39		
20	16QAM	50	24	22.34	22.29	22.34	23	2
20	16QAM	50	50	22.36	22.38	22.31		
20	16QAM	100	0	22.25	22.35	22.32		
20	64QAM	1	0	22.63	22.44	22.40		
20	64QAM	1	49	22.22	22.53	22.11	23	2
20	64QAM	1	99	22.21	22.33	22.57		
20	64QAM	50	0	21.21	21.35	21.39		
20	64QAM	50	24	21.28	21.38	21.33	22	3
20	64QAM	50	50	21.29	21.37	21.42		
20	64QAM	100	0	21.26	21.38	21.39		
20	256QAM	1	0	19.21	19.24	19.22		
20	256QAM	1	49	19.33	19.38	19.30	20	5
20	256QAM	1	99	19.38	19.32	19.10		
20	256QAM	50	0	19.14	19.11	19.13		
20	256QAM	50	24	19.16	19.21	19.11	20	5
20	256QAM	50	50	19.26	19.26	19.13		
20	256QAM	100	0	19.22	19.17	19.16		
				Channel	20425	20175	20325	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1717.5	1732.5	1747.5		
15	QPSK	1	0	24.35	24.53	24.48		
15	QPSK	1	37	24.24	24.36	24.03	25	0
15	QPSK	1	74	24.46	24.16	24.13		
15	QPSK	36	0	23.16	23.3	23.32		
15	QPSK	36	20	23.2	23.26	23.29	24	1
15	QPSK	36	39	23.18	23.28	23.25		
15	QPSK	75	0	23.26	23.18	23.32		
15	16QAM	1	0	23.38	23.74	23.35		
15	16QAM	1	37	23.2	23.41	23.61	24	1
15	16QAM	1	74	23.03	23.35	23.57		
15	16QAM	36	0	22.29	22.27	22.32		
15	16QAM	36	20	22.32	22.27	22.28	23	2
15	16QAM	36	39	22.32	22.24	22.24		
15	16QAM	75	0	22.26	22.31	22.3		
15	64QAM	1	0	22.33	22.63	22.38		
15	64QAM	1	37	22.46	22.2	22.38	23	2
15	64QAM	1	74	22.57	22.24	22.25		
15	64QAM	36	0	21.21	21.35	21.38		
15	64QAM	36	20	21.27	21.31	21.36	22	3
15	64QAM	36	39	21.27	21.3	21.36		
15	64QAM	75	0	21.17	21.28	21.28		
15	256QAM	1	0	19.72	19.53	19.65		
15	256QAM	1	37	19.44	19.58	19.72	20	5
15	256QAM	1	74	19.60	19.56	19.43		
15	256QAM	36	0	19.56	19.54	19.74		
15	256QAM	36	20	19.69	19.50	19.58	20	5
15	256QAM	36	39	19.30	19.34	19.67		
15	256QAM	75	0	19.36	19.36	19.63		
				Channel	20400	20175	20350	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1715	1732.5	1750		
10	QPSK	1	0	24.34	24.28	24.32		
10	QPSK	1	25	24.32	24.32	24.44	25	0
10	QPSK	1	49	24.29	24.19	24.37		
10	QPSK	25	0	23.23	23.27	23.30		
10	QPSK	25	12	23.24	23.28	23.36	24	1
10	QPSK	25	25	23.20	23.25	23.31		
10	QPSK	50	0	23.22	23.30	23.31		
10	16QAM	1	0	23.15	23.44	23.71		
10	16QAM	1	25	23.32	23.38	23.77	24	1
10	16QAM	1	49	23.57	23.66	23.26		
10	16QAM	25	0	22.36	22.38	22.37		
10	16QAM	25	12	22.22	22.31	22.25	23	2
10	16QAM	25	25	22.27	22.39	22.21		
10	16QAM	50	0	22.28	22.39	22.31		
10	64QAM	1	0	22.29	22.35	22.64		
10	64QAM	1	25	22.50	22.29	22.07	23	2
10	64QAM	1	49	22.27	22.33	22.33		
10	64QAM	25	0	21.34	21.32	21.37		
10	64QAM	25	12	21.28	21.36	21.44	22	3
10	64QAM	25	25	21.30	21.38	21.27		
10	64QAM	50	0	21.31	21.41	21.35		
10	256QAM	1	0	19.34	19.60	19.27		
10	256QAM	1	25	19.31	19.62	19.27	20	5
10	256QAM	1	49	19.45	19.58	19.67		
10	256QAM	25	0	19.62	19.53	19.36		
10	256QAM	25	12	19.22	19.51	19.44	20	5
10	256QAM	25	25	19.73	19.52	19.71		
10	256QAM	50	0	19.35	19.29	19.62		
				Channel	19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1712.5	1732.5	1752.5		
5	QPSK	1	0	24.27	24.54	24.28		
5	QPSK	1	12	24.37	24.28	24.45	25	0
5	QPSK	1	24	24.20	24.24	24.40		
5	QPSK	12	0	23.30	23.31	23.29		
5	QPSK	12	7	23.28	23.28	23.31	24	1
5	QPSK	12	13	23.23	23.26	23.28		
5	QPSK	25	0	23.26	23.33	23.32		
5	16QAM	1	0	23.32	23.67	23.57		
5	16QAM	1	12	23.17	23.39	23.59	24	1
5	16QAM	1	24	23.27	23.28	23.32		
5	16QAM	12	0	22.36	22.34	22.32		
5	16QAM	12	7	22.33	22.38	22.29	23	2
5	16QAM	12	13	22.21	22.23	22.21		
5	16QAM	25	0	22.27	22.28	22.33		
5	64QAM	1	0	22.59	22.49	22.60		
5	64QAM	1	12	22.18	22.36	22.35	23	2
5	64QAM	1	24	22.22	22.64	22.51		
5	64QAM	12	0	21.40	21.46	21.35		
5	64QAM	12	7	21.37	21.35	21.35	22	3
5	64QAM	12	13	21.21	21.28	21.36		
5	64QAM	25	0	21.36	21.38	21.38		
5	256QAM	1	0	19.46	19.40	19.56		
5	256QAM	1	12	19.75	19.62	19.71	20	5
5	256QAM	1	24	19.60	19.20	19.46		
5	256QAM	12	0	19.32	19.30	19.74		
5	256QAM	12	7	19.72	19.68	19.20	20	5
5	256QAM	12	13	19.35	19.54	19.75		
5	256QAM	25	0	19.51	19.52	19.69		
				Channel	19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1711.5	1732.5	1753.5		
3	QPSK	1	0	24.24	24.30	24.44		
3	QPSK	1	8	24.38	24.21	24.24	25	0
3	QPSK	1	14	24.46	24.43	24.21		
3	QPSK	8	0	23.37	23.31	23.31		
3	QPSK	8	4	23.25	23.28	23.31	24	1
3	QPSK	8	7	23.24	23.31	23.30		
3	QPSK	15	0	23.32	23.28	23.31		
3	16QAM	1	0	23.76	23.38	23.24		
3	16QAM	1	8	23.55	23.66	23.74	24	1
3	16QAM	1	14	23.47	23.58	23.74		
3	16QAM	8	0	22.41	22.49	22.50		
3	16QAM	8	4	22.35	22.33	22.34	23	2
3	16QAM	8	7	22.40	22.41	22.41		
3	16QAM	15	0	22.27	22.44	22.28		
3	64QAM	1	0	22.60	22.50	22.50		
3	64QAM	1	8	22.31	22.51	22.29	23	2
3	64QAM	1	14	22.57	22.34	22.58		
3	64QAM	8	0	21.57	21.44	21.36		
3	64QAM	8	4	21.34	21.33	21.32	22	3
3	64QAM	8	7	21.45	21.28	21.52		
3	64QAM	15	0	21.43	21.27	21.37		
3	256QAM	1	0	19.22	19.34	19.69		
3	256QAM	1	8	19.44	19.37	19.66	20	5
3	256QAM	1	14	19.41	19.33	19.65		
3	256QAM	8	0	19.23	19.59	19.23		
3	256QAM	8	4	19.32	19.25	19.40	20	5
3	256QAM	8	7	19.67	19.73	19.31		
3	256QAM	15	0	19.54	19.75	19.46		
				Channel	19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.13	24.12	24.38		
1.4	QPSK	1	3	24.51	24.36	24.12		
1.4	QPSK	1	5	24.07	24.09	24.46	25	0
1.4	QPSK	3	0	24.32	24.31	24.22		
1.4	QPSK	3	1	24.15	24.16	24.35		
1.4	QPSK	3	3	24.25	24.15	24.24		
1.4	QPSK	6	0	23.32	23.25	23.32	24	1
1.4	16QAM	1	0	23.54	23.60	23.06		
1.4	16QAM	1	3	23.67	23.79	23.32		
1.4	16QAM	1	5	23.28	23.32	23.28	24	1
1.4	16QAM	3	0	23.31	23.34	23.30		
1.4	16QAM	3	1	23.33	23.35	23.30		
1.4	16QAM	3	3	23.32	23.34	23.11		
1.4	16QAM	6	0	22.31	22.44	22.31	23	2
1.4	64QAM	1	0	22.28	22.35	22.51		
1.4	64QAM	1	3	22.52	22.33	22.53		
1.4	64QAM	1	5	22.47	22.59	22.23	23	2
1.4	64QAM	3	0	22.48	22.49	22.47		
1.4	64QAM	3	1	22.40	22.45	22.39		
1.4	64QAM	3	3	22.44	22.35	22.39		
1.4	64QAM	6	0	21.21	21.43	21.45	22	3
1.4	256QAM	1	0	19.69	19.42	19.36		
1.4	256QAM	1	3	19.74	19.60	19.41		
1.4	256QAM	1	5	19.73	19.27	19.62	20	5
1.4	256QAM	3	0	19.42	19.51	19.30		
1.4	256QAM	3	1	19.41	19.68	19.56		
1.4	256QAM	3	3	19.20	19.75	19.38		
1.4	256QAM	6	0	19.68	19.42	19.53	20	5

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)	MPR (dB)
				Channel				
				Frequency (MHz)				
10	QPSK	1	0	24.76	25.05	24.65		
10	QPSK	1	25	24.76	24.88	24.70	25.7	0
10	QPSK	1	49	24.80	24.83	24.80		
10	QPSK	25	0	23.74	23.95	23.66		
10	QPSK	25	12	23.82	23.83	23.61	24.7	1
10	QPSK	25	25	23.85	23.92	23.60		
10	QPSK	50	0	23.76	23.92	23.69		
10	16QAM	1	0	23.84	24.22	24.12		
10	16QAM	1	25	23.94	24.27	24.02	24.7	1
10	16QAM	1	49	24.00	24.26	24.05		
10	16QAM	25	0	22.72	22.88	22.61		
10	16QAM	25	12	22.78	22.89	22.62	23.7	2
10	16QAM	25	25	22.74	22.88	22.53

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.74	22.08	21.92	23	0
20	QPSK	1	49	21.72	21.89	21.87		
20	QPSK	1	99	21.74	21.77	21.80		
20	QPSK	50	0	20.85	21.10	20.84	22	1
20	QPSK	50	24	20.80	20.97	20.75		
20	QPSK	50	50	20.79	20.87	20.71		
20	QPSK	100	0	20.81	20.93	20.83		
20	16QAM	1	0	20.83	21.02	21.32	22	1
20	16QAM	1	49	20.87	21.10	21.29		
20	16QAM	1	99	20.97	21.13	20.67		
20	16QAM	50	0	19.66	19.92	19.85	21	2
20	16QAM	50	24	19.73	19.92	19.89		
20	16QAM	50	50	19.81	20.04	19.79		
20	16QAM	100	0	19.74	19.96	19.77		
20	64QAM	1	0	19.97	20.15	19.57	21	2
20	64QAM	1	49	19.99	20.22	20.05		
20	64QAM	1	99	20.08	20.26	19.77		
20	64QAM	50	0	18.74	18.92	18.86	20	3
20	64QAM	50	24	18.81	18.98	18.90		
20	64QAM	50	50	18.85	19.01	18.83		
20	64QAM	100	0	18.79	18.95	18.81		
20	256QAM	1	0	17.25	17.19	17.18	18	5
20	256QAM	1	49	17.21	17.17	17.20		
20	256QAM	1	99	17.13	17.07	17.14		
20	256QAM	50	0	17.07	17.06	17.10	18	5
20	256QAM	50	24	17.16	17.07	17.11		
20	256QAM	50	50	17.10	17.04	17.03		
20	256QAM	100	0	17.10	17.05	17.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.85	21.96	21.97	23	0
15	QPSK	1	37	21.87	22.04	21.92		
15	QPSK	1	74	21.94	22.05	21.97		
15	QPSK	36	0	20.68	20.81	20.83	22	1
15	QPSK	36	20	20.70	20.88	20.84		
15	QPSK	36	39	20.72	20.93	20.79		
15	QPSK	75	0	20.74	20.89	20.83		
15	16QAM	1	0	21.27	21.09	21.11	22	1
15	16QAM	1	37	21.28	21.19	21.11		
15	16QAM	1	74	21.35	21.15	21.34		
15	16QAM	36	0	19.80	19.88	19.82	21	2
15	16QAM	36	20	19.81	19.94	19.82		
15	16QAM	36	39	19.75	19.92	19.79		
15	16QAM	75	0	19.81	19.99	19.79		
15	64QAM	1	0	19.52	19.92	19.86	21	2
15	64QAM	1	37	19.55	20.05	20.00		
15	64QAM	1	74	19.63	20.02	19.52		
15	64QAM	36	0	18.86	18.94	18.88	20	3
15	64QAM	36	20	18.83	18.90	18.84		
15	64QAM	36	39	18.88	19.03	18.86		
15	64QAM	75	0	18.72	18.89	18.80		
15	256QAM	1	0	17.02	17.28	16.94	18	5
15	256QAM	1	37	17.09	17.25	17.26		
15	256QAM	1	74	17.02	17.12	17.27		
15	256QAM	36	0	17.03	17.24	17.03	18	5
15	256QAM	36	20	17.00	17.02	16.96		
15	256QAM	36	39	17.17	16.92	17.19		
15	256QAM	75	0	16.90	17.13	17.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.63	21.93	21.81	23	0
10	QPSK	1	25	21.73	22.02	21.86		
10	QPSK	1	49	21.65	22.07	21.87		
10	QPSK	25	0	20.71	20.88	20.85	22	1
10	QPSK	25	12	20.76	20.88	20.82		
10	QPSK	25	25	20.73	20.95	20.51		
10	QPSK	50	0	20.78	20.98	20.84		
10	16QAM	1	0	20.93	21.31	21.35	22	1
10	16QAM	1	25	20.95	21.40	21.26		
10	16QAM	1	49	21.12	21.43	21.45		
10	16QAM	25	0	19.62	19.88	19.81	21	2
10	16QAM	25	12	19.68	19.82	19.82		
10	16QAM	25	25	19.71	19.90	19.68		
10	16QAM	50	0	19.66	19.86	19.80		
10	64QAM	1	0	20.00	20.20	19.96	21	2
10	64QAM	1	25	20.07	20.27	19.93		
10	64QAM	1	49	20.07	20.30	19.95		
10	64QAM	25	0	18.69	18.90	18.88	20	3
10	64QAM	25	12	18.73	18.97	18.88		
10	64QAM	25	25	18.72	18.96	18.77		
10	64QAM	50	0	18.74	18.92	18.79		
10	256QAM	1	0	17.23	17.34	17.33	18	5
10	256QAM	1	25	17.17	17.04	17.14		
10	256QAM	1	49	17.09	17.24	17.20		
10	256QAM	25	0	17.12	17.25	17.34	18	5
10	256QAM	25	12	17.19	17.35	17.31		
10	256QAM	25	25	17.19	16.95	16.92		
10	256QAM	50	0	17.32	17.26	17.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.82	22.06	21.77	23	0
5	QPSK	1	12	21.88	22.00	21.59		
5	QPSK	1	24	21.83	22.07	22.04		
5	QPSK	12	0	20.73	20.89	20.82	22	1
5	QPSK	12	7	20.72	20.90	20.73		
5	QPSK	12	13	20.81	20.91	20.47		
5	QPSK	25	0	20.71	20.95	20.65		
5	16QAM	1	0	20.82	21.13	20.66	22	1
5	16QAM	1	12	20.85	21.14	20.71		
5	16QAM	1	24	20.83	20.91	20.81		
5	16QAM	12	0	19.80	19.98	19.81	21	2
5	16QAM	12	7	19.79	20.01	19.88		
5	16QAM	12	13	19.83	19.97	19.59		
5	16QAM	25	0	19.82	19.93	19.80		
5	64QAM	1	0	19.95	20.27	19.80	21	2
5	64QAM	1	12	20.02	20.29	19.73		
5	64QAM	1	24	20.01	20.28	19.88		
5	64QAM	12	0	18.75	19.06	18.79	20	3
5	64QAM	12	7	18.86	19.04	18.82		
5	64QAM	12	13	18.86	19.01	18.81		
5	64QAM	25	0	18.79	18.90	18.82		
5	256QAM	1	0	16.98	16.97	17.09	18	5
5	256QAM	1	12	17.11	17.14	17.05		
5	256QAM	1	24	17.14	16.92	17.11		
5	256QAM	12	0	17.26	17.04	16.98	18	5
5	256QAM	12	7	17.10	17.30	17.11		
5	256QAM	12	13	17.06	17.08	17.24		
5	256QAM	25	0	17.23	17.19	17.21		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.03	24.19	24.11	25	0
20	QPSK	1	49	23.85	24.07	24.04		
20	QPSK	1	99	23.80	23.97	23.97		
20	QPSK	50	0	23.10	23.18	23.14	24	1
20	QPSK	50	24	22.97	23.10	23.07		
20	QPSK	50	50	22.94	23.06	23.05		
20	QPSK	100	0	22.99	23.15	23.13		
20	16QAM	1	0	23.18	23.01	23.15	24	1
20	16QAM	1	49	23.28	23.27	23.31		
20	16QAM	1	99	23.30	23.35	23.16		
20	16QAM	50	0	21.69	22.05	22.05	23	2
20	16QAM	50	24	21.89	22.12	22.10		
20	16QAM	50	50	22.01	22.19	22.17		
20	16QAM	100	0	21.76	22.12	22.02		
20	64QAM	1	0	21.51	21.96	22.00	23	2
20	64QAM	1	49	21.53	22.10	22.08		
20	64QAM	1	99	21.70	22.17	21.88		
20	64QAM	50	0	20.76	21.01	21.08	22	3
20	64QAM	50	24	20.81	21.07	21.13		
20	64QAM	50	50	20.97	21.24	21.12		
20	64QAM	100	0	20.76	21.07	21.08		
20	256QAM	1	0	19.23	19.14	19.25	20	5
20	256QAM	1	49	19.28	19.10	19.10		
20	256QAM	1	99	19.18	19.03	19.14		
20	256QAM	50	0	19.04	19.05	19.10	20	5
20	256QAM	50	24	19.09	19.04	19.01		
20	256QAM	50	50	19.17	19.09	19.06		
20	256QAM	100	0	19.09	19.01	19.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.96	24.04	23.95	25	0
15	QPSK	1	37	23.96	24.11	24.07		
15	QPSK	1	74	24.05	24.18	24.10		
15	QPSK	36	0	22.67	22.96	23.01	24	1
15	QPSK	36	20	22.76	23.04	23.09		
15	QPSK	36	39	22.81	23.13	23.13		
15	QPSK	75	0	22.73	23.02	23.05		
15	16QAM	1	0	23.03	23.40	23.08	24	1
15	16QAM	1	37	23.13	23.56	23.23		
15	16QAM	1	74	23.13	23.58	23.17		
15	16QAM	36	0	21.78	21.97	22.13	23	2
15	16QAM	36	20	21.77	22.04	22.07		
15	16QAM	36	39	21.76	22.14	22.14		
15	16QAM	75	0	21.70	21.97	21.99		
15	64QAM	1	0	21.81	22.07	22.22	23	2
15	64QAM	1	37	21.89	22.22	22.32		
15	64QAM	1	74	21.90	22.22	22.01		
15	64QAM	36	0	20.77	21.00	21.07	22	3
15	64QAM	36	20	20.83	21.08	21.12		
15	64QAM	36	39	20.82	21.19	21.15		
15	64QAM	75	0	20.80	20.98	21.07		
15	256QAM	1	0	19.34	19.28	18.93	20	5
15	256QAM	1	37	19.15	19.18	19.25		
15	256QAM	1	74	19.00	19.09	19.00		
15	256QAM	36	0	19.17	19.16	19.23	20	5
15	256QAM	36	20	19.05	19.05	19.00		
15	256QAM	36	39	19.45	19.41	19.35		
15	256QAM	75	0	19.24	18.94	19.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.64	23.94	24.13	25	0
10	QPSK	1	25	23.69	24.04	23.99		
10	QPSK	1	49	23.65	23.99	24.05		
10	QPSK	25	0	22.70	22.90	23.10	24	1
10	QPSK	25	12	22.68	23.00	23.17		
10	QPSK	25	25	22.78	23.10	22.79		
10	QPSK	50	0	22.79	23.07	23.06		
10	16QAM	1	0	23.13	23.07	23.41	24	1
10	16QAM	1	25	23.17	23.52	23.43		
10	16QAM	1	49	23.02	23.23	23.20		
10	16QAM	25	0	21.59	21.84	22.07	23	2
10	16QAM	25	12	21.67	21.97	22.16		
10	16QAM	25	25	21.74	22.02	22.00		
10	16QAM	50	0	21.70	22.02	22.03		
10	64QAM	1	0	21.88	22.19	22.26	23	2
10	64QAM	1	25	21.92	22.20	22.30		
10	64QAM	1	49	21.93	22.29	21.84		
10	64QAM	25	0	20.69	21.08	21.11	22	3
10	64QAM	25	12	20.74	21.11	21.12		
10	64QAM	25	25	20.79	21.16	21.18		
10	64QAM	50	0	20.77	21.02	21.05		
10	256QAM	1	0	18.94	19.10	18.98	20	5
10	256QAM	1	25	19.16	19.01	19.04		
10	256QAM	1	49	19.42	18.99	19.40		
10	256QAM	25	0	19.32	19.45	19.11	20	5
10	256QAM	25	12	19.02	19.16	19.09		
10	256QAM	25	25	19.12	19.45	18.99		
10	256QAM	50	0	19.33	19.41	18.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.73	24.04	23.88	25	0
5	QPSK	1	12	23.83	24.05	23.48		
5	QPSK	1	24	23.86	24.09	23.89		
5	QPSK	12	0	22.67	22.95	23.01	24	1
5	QPSK	12	7	22.68	23.00	22.77		
5	QPSK	12	13	22.75	23.04	22.52		
5	QPSK	25	0	22.67	23.00	22.68		
5	16QAM	1	0	23.08	23.17	23.13	24	1
5	16QAM	1	12	23.15	23.27	22.89		
5	16QAM	1	24	22.88	23.30	22.91		
5	16QAM	12	0	21.61	21.96	22.02	23	2
5	16QAM	12	7	21.68	22.05	21.93		
5	16QAM	12	13	21.72	22.01	21.68		
5	16QAM	25	0	21.75	22.10	21.87		
5	64QAM	1	0	21.67	22.12	22.09	23	2
5	64QAM	1	12	21.75	22.17	22.11		
5	64QAM	1	24	21.76	22.13	21.52		
5	64QAM	12	0	20.74	21.06	21.08	22	3
5	64QAM	12	7	20.74	21.07	21.15		
5	64QAM	12	13	20.79	21.08	21.12		
5	64QAM	25	0	20.73	21.06	21.08		
5	256QAM	1	0	19.11	19.06	19.24	20	5
5	256QAM	1	12	18.90	19.34	19.29		
5	256QAM	1	24	19.01	19.11	19.37		
5	256QAM	12	0	18.97	19.38	19.43	20	5
5	256QAM	12	7	18.97	19.17	19.09		
5	256QAM	12	13	18.94	19.27	19.45		
5	256QAM	25	0	19.07	19.34	19.06		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.40	24.62	24.37	25.7	0
20	QPSK	1	49	24.27	24.54	24.51		
20	QPSK	1	99	24.26	24.42	24.15		
20	QPSK	50	0	23.38	23.66	23.59	24.7	1
20	QPSK	50	24	23.27	23.54	23.61		
20	QPSK	50	50	23.15	23.41	23.47		
20	QPSK	100	0	23.26	23.58	23.56		
20	16QAM	1	0	23.38	23.50	23.52	24.7	1
20	16QAM	1	49	23.42	23.69	23.70		
20	16QAM	1	99	23.55	23.77	23.84		
20	16QAM	50	0	22.16	22.41	22.46	23.7	2
20	16QAM	50	24	22.23	22.52	22.57		
20	16QAM	50	50	22.37	22.63	22.60		
20	16QAM	100	0	22.24	22.49	22.46		
20	64QAM	1	0	22.37	22.51	22.50	23.7	2
20	64QAM	1	49	22.41	22.68	22.65		
20	64QAM	1	99	22.48	22.72	22.15		
20	64QAM	50	0	21.18	21.45	21.47	22.7	3
20	64QAM	50	24	21.25	21.52	21.54		
20	64QAM	50	50	21.36	21.68	21.65		
20	64QAM	100	0	21.26	21.51	21.57		
20	256QAM	1	0	19.44	19.52	19.65	20.7	5
20	256QAM	1	49	19.74	19.49	19.28		
20	256QAM	1	99	19.41	19.75	19.73		
20	256QAM	50	0	19.46	19.41	19.22	20.7	5
20	256QAM	50	24	19.56	19.59	19.60		
20	256QAM	50	50	19.57	19.24	19.36		
20	256QAM	100	0	19.67	19.51	19.45		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.25	24.48	24.09	25.7	0
15	QPSK	1	37	24.25	24.58	24.56		
15	QPSK	1	74	24.37	24.61	24.18		
15	QPSK	36	0	23.19	23.44	23.45	24.7	1
15	QPSK	36	20	23.20	23.51	23.60		
15	QPSK	36	39	23.29	23.58	23.39		
15	QPSK	75	0	23.27	23.54	23.52		
15	16QAM	1	0	23.36	23.64	23.47	24.7	1
15	16QAM	1	37	23.39	23.76	23.78		
15	16QAM	1	74	23.48	23.79	23.68		
15	16QAM	36	0	22.22	22.42	22.50	23.7	2
15	16QAM	36	20	22.22	22.45	22.55		
15	16QAM	36	39	22.33	22.58	22.57		
15	16QAM	75	0	22.22	22.46	22.51		
15	64QAM	1	0	22.36	22.60	22.49	23.7	2
15	64QAM	1	37	22.38	22.71	22.72		
15	64QAM	1	74	22.48	22.72	22.57		
15	64QAM	36	0	21.22	21.44	21.49	22.7	3
15	64QAM	36	20	21.29	21.55	21.57		
15	64QAM	36	39	21.35	21.61	21.61		
15	64QAM	75	0	21.22	21.48	21.52		
15	256QAM	1	0	19.54	19.40	19.45	20.7	5
15	256QAM	1	37	19.26	19.57	19.57		
15	256QAM	1	74	19.59	19.26	19.54		
15	256QAM	36	0	19.63	19.31	19.20	20.7	5
15	256QAM	36	20	19.40	19.37	19.31		
15	256QAM	36	39	19.75	19.64	19.39		
15	256QAM	75	0	19.74	19.34	19.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.18	24.45	24.51	25.7	0
10	QPSK	1	25	24.24	24.50	24.24		
10	QPSK	1	49	24.23	24.51	24.07		
10	QPSK	25	0	23.15	23.37	23.53	24.7	1
10	QPSK	25	12	23.22	23.43	23.42		
10	QPSK	25	25	23.26	23.55	23.03		
10	QPSK	50	0	23.25	23.49	23.44		
10	16QAM	1	0	23.33	23.61	23.64	24.7	1
10	16QAM	1	25	23.38	23.72	23.66		
10	16QAM	1	49	23.38	23.72	23.50		
10	16QAM	25	0	22.16	22.36	22.48	23.7	2
10	16QAM	25	12	22.23	22.45	22.58		
10	16QAM	25	25	22.31	22.50	22.17		
10	16QAM	50	0	22.19	22.46	22.51		
10	64QAM	1	0	22.31	22.58	22.62	23.7	2
10	64QAM	1	25	22.35	22.66	22.61		
10	64QAM	1	49	22.29	22.69	22.61		
10	64QAM	25	0	21.17	21.44	21.50	22.7	3
10	64QAM	25	12	21.25	21.51	21.60		
10	64QAM	25	25	21.30	21.61	21.57		
10	64QAM	50	0	21.26	21.50	21.54		
10	256QAM	1	0	19.36	19.55	19.47	20.7	5
10	256QAM	1	25	19.51	19.45	19.36		
10	256QAM	1	49	19.75	19.37	19.39		
10	256QAM	25	0	19.44	19.29	19.66	20.7	5
10	256QAM	25	12	19.43	19.51	19.27		
10	256QAM	25	25	19.67	19.23	19.67		
10	256QAM	50	0	19.52	19.31	19.74		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.18	24.54	24.19	25.7	0
5	QPSK	1	12	24.22	24.54	24.09		
5	QPSK	1	24	24.24	24.54	24.08		
5	QPSK	12	0	23.15	23.37	23.23	24.7	1
5	QPSK	12	7	23.17	23.47	23.03		
5	QPSK	12	13	23.20	23.48	23.02		
5	QPSK	25	0	23.16	23.40	23.05		
5	16QAM	1	0	23.33	23.70	23.66	24.7	1
5	16QAM	1	12	23.37	23.74	23.13		
5	16QAM	1	24	23.44	23.72	23.46		
5	16QAM	12	0	22.16	22.43	22.46	23.7	2
5	16QAM	12	7	22.17	22.44	22.19		
5	16QAM	12	13	22.16	22.48	22.01		
5	16QAM	25	0	22.16	22.48	22.08		
5	64QAM	1	0	22.29	22.64	22.62	23.7	2
5	64QAM	1	12	22.31	22.65	22.38		
5	64QAM	1	24	22.32	22.64	22.59		
5	64QAM	12	0	21.17	21.48	21.60	22.7	3
5	64QAM	12	7	21.22	21.49	21.62		
5	64QAM	12	13	21.21	21.51	21.33		
5	64QAM	25	0	21.20	21.48	21.46		
5	256QAM	1	0	19.37	19.66	19.72	20.7	5
5	256QAM	1	12	19.58	19.44	19.55		
5	256QAM	1	24	19.65	19.75	19.75		
5	256QAM	12	0	19.46	19.24	19.42	20.7	5
5	256QAM	12	7	19.73	19.57	19.57		
5	256QAM	12	13	19.23	19.47	19.37		
5	256QAM	25	0	19.20	19.62	19.66		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.58	22.91	22.89	24.5	0
20	QPSK	1	49	22.55	22.86	22.81		
20	QPSK	1	99	22.51	22.79	22.76		
20	QPSK	50	0	21.76	21.94	21.86	23.5	1
20	QPSK	50	24	21.62	21.85	21.83		
20	QPSK	50	50	21.55	21.80	21.75		
20	QPSK	100	0	21.65	21.85	21.83		
20	16QAM	1	0	21.83	22.20	22.25	23.5	1
20	16QAM	1	49	21.52	22.37	22.10		
20	16QAM	1	99	22.21	22.33	22.11		
20	16QAM	50	0	20.59	20.74	20.84	22.5	2
20	16QAM	50	24	20.67	20.83	20.79		
20	16QAM	50	50	20.69	20.93	20.86		
20	16QAM	100	0	20.56	20.74	20.80		
20	64QAM	1	0	20.58	20.93	21.08	22.5	2
20	64QAM	1	49	20.80	21.07	21.05		
20	64QAM	1	99	20.78	21.14	20.85		
20	64QAM	50	0	19.61	19.70	19.74	21.5	3
20	64QAM	50	24	19.62	19.78	19.77		
20	64QAM	50	50	19.73	19.93	19.87		
20	64QAM	100	0	19.62	19.81	19.83		
20	256QAM	1	0	17.88	17.91	18.25	19.5	5
20	256QAM	1	49	17.80	17.94	18.33		
20	256QAM	1	99	17.72	18.02	18.30		
20	256QAM	50	0	17.70	17.94	18.27	19.5	5
20	256QAM	50	24	17.74	17.85	18.21		
20	256QAM	50	50	17.76	17.91	18.22		
20	256QAM	100	0	17.70	17.87	18.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.78	22.90	22.72	24.5	0
15	QPSK	1	37	22.73	22.67	22.81		
15	QPSK	1	74	22.53	22.84	22.59		
15	QPSK	36	0	21.57	21.67	21.75	23.5	1
15	QPSK	36	20	21.58	21.77	21.83		
15	QPSK	36	39	21.61	21.83	21.83		
15	QPSK	75	0	21.59	21.79	21.75		
15	16QAM	1	0	22.04	22.21	21.91	23.5	1
15	16QAM	1	37	21.73	22.23	22.08		
15	16QAM	1	74	21.86	22.35	21.93		
15	16QAM	36	0	20.57	20.63	20.78	22.5	2
15	16QAM	36	20	20.52	20.67	20.81		
15	16QAM	36	39	20.61	20.90	20.88		
15	16QAM	75	0	20.51	20.75	20.81		
15	64QAM	1	0	20.82	20.92	20.68	22.5	2
15	64QAM	1	37	20.78	21.09	21.02		
15	64QAM	1	74	20.53	21.15	20.82		
15	64QAM	36	0	19.67	19.70	19.81	21.5	3
15	64QAM	36	20	19.58	19.82	19.87		
15	64QAM	36	39	19.68	19.87	19.86		
15	64QAM	75	0	19.58	19.76	19.82		
15	256QAM	1	0	17.68	17.73	17.63	19.5	5
15	256QAM	1	37	17.58	17.86	17.73		
15	256QAM	1	74	17.70	17.58	17.74		
15	256QAM	36	0	17.68	17.74	17.79	19.5	5
15	256QAM	36	20	17.69	17.82	17.65		
15	256QAM	36	39	17.58	17.85	17.92		
15	256QAM	75	0	17.89	17.61	17.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.58	22.77	22.76	24.5	0
10	QPSK	1	25	22.66	22.89	22.80		
10	QPSK	1	49	22.63	22.85	22.58		
10	QPSK	25	0	21.53	21.73	21.84	23.5	1
10	QPSK	25	12	21.51	21.79	21.87		
10	QPSK	25	25	21.57	21.83	21.81		
10	QPSK	50	0	21.55	21.74	21.84		
10	16QAM	1	0	21.85	22.22	22.25	23.5	1
10	16QAM	1	25	21.56	21.93	22.27		
10	16QAM	1	49	21.59	22.00	21.59		
10	16QAM	25	0	20.53	20.69	20.82	22.5	2
10	16QAM	25	12	20.53	20.66	20.91		
10	16QAM	25	25	20.59	20.85	20.85		
10	16QAM	50	0	20.57	20.73	20.76		
10	64QAM	1	0	20.80	20.58	21.10	22.5	2
10	64QAM	1	25	20.79	21.16	20.60		
10	64QAM	1	49	20.79	20.52	20.62		
10	64QAM	25	0	19.57	19.71	19.91	21.5	3
10	64QAM	25	12	19.54	19.73	19.84		
10	64QAM	25	25	19.62	19.73	19.73		
10	64QAM	50	0	19.56	19.78	19.81		
10	256QAM	1	0	17.88	17.78	17.60	19.5	5
10	256QAM	1	25	17.77	17.79	17.67		
10	256QAM	1	49	17.85	17.62	17.58		
10	256QAM	25	0	17.93	17.67	17.73	19.5	5
10	256QAM	25	12	17.61	17.83	17.88		
10	256QAM	25	25	17.59	17.78	17.75		
10	256QAM	50	0	17.61	17.74	17.86		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.59	22.89	22.76	24.5	0
5	QPSK	1	12	22.55	22.87	22.56		
5	QPSK	1	24	22.54	22.87	22.53		
5	QPSK	12	0	21.50	21.74	21.82	23.5	1
5	QPSK	12	7	21.54	21.77	21.82		
5	QPSK	12	13	21.55	21.74	21.61		
5	QPSK	25	0	21.55	21.78	21.73		
5	16QAM	1	0	21.57	22.34	22.01	23.5	1
5	16QAM	1	12	21.71	22.07	21.75		
5	16QAM	1	24	21.63	22.00	21.79		
5	16QAM	12	0	20.53	20.63	20.78	22.5	2
5	16QAM	12	7	20.53	20.72	20.77		
5	16QAM	12	13	20.60	20.62	20.84		
5	16QAM	25	0	20.51	20.80	20.84		
5	64QAM	1	0	20.57	21.16	20.56	22.5	2
5	64QAM	1	12	20.68	20.96	21.01		
5	64QAM	1	24	20.52	20.82	20.87		
5	64QAM	12	0	19.50	19.74	19.93	21.5	3
5	64QAM	12	7	19.50	19.90	19.90		
5	64QAM	12	13	19.51	19.74	19.86		
5	64QAM	25	0	19.50	19.81	19.82		
5	256QAM	1	0	17.88	17.83	17.84	19.5	5
5	256QAM	1	12	17.77	17.95	17.79		
5	256QAM	1	24	17.72	17.61	17.88		
5	256QAM	12	0	17.80	17.66	17.81	19.5	5
5	256QAM	12	7	17.91	17.68	17.73		
5	256QAM	12	13	17.76	17.66	17.65		
5	256QAM	25	0	17.85	17.89	17.59		

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	25.01	25.15	25.05	25.7	0
10	QPSK	1	25	24.97	25.14	25.00		
10	QPSK	1	49	25.00	25.13	25.02		
10	QPSK	25	0	23.96	24.12	24.07	24.7	1
10	QPSK	25	12	24.03	24.10	23.94		
10	QPSK	25	25	23.98	24.08	24.02		
10	QPSK	50	0	24.06	24.06	24.04		
10	16QAM	1	0	24.06	24.45	24.02	24.7	1
10	16QAM	1	25	24.06	24.42	24.15		
10	16QAM	1	49	24.12	24.55	24.18		
10	16QAM	25	0	22.82	22.98	23.02	23.7	2
10	16QAM	25	12	22.93	22.92	23.14		
10	16QAM	25	25	22.93	22.96	23.06		
10	16QAM	50	0	22.98	23.04	22.97		
10	64QAM	1	0	23.16	23.15	23.23	23.7	2
10	64QAM	25	0	23.23	23.37	23.40		
10	64QAM	1	49	23.35	23.46	23.34		
10	64QAM	25	0	21.88	22.02	22.05	22.7	3
10	64QAM	25	12	21.99	22.08	22.14		
10	64QAM	25	25	22.00	22.07	22.11		
10	64QAM	50	0	22.02	22.04	22.04		
10	256QAM	1	0	20.09	20.20	20.20	20.7	5
10	256QAM	1	25	20.25	20.19	20.26		
10	256QAM	1	49	20.17	20.18	20.18		
10	256QAM	25	0	20.01	20.09	20.13	20.7	5
10	256QAM	25	12	20.08	20.08	20.08		
10	256QAM	25	25	20.06	19.99	20.00		
10	256QAM	50	0	20.08	20.08	20.11		
Channel				23330	23295	23150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	25.03	25.13	24.96	25.7	0
5	QPSK	1	12	25.06	25.14	25.05		
5	QPSK	1	24	25.10	25.08	25.11		
5	QPSK	12	0	23.94	24.06	23.99	24.7	1
5	QPSK	12	7	23.93	24.01	24.05		
5	QPSK	12	13	24.00	23.99	23.93		
5	QPSK	25	0	23.99	23.94	24.00		
5	16QAM	1	0	24.39	24.20	24.29	24.7	1
5	16QAM	1	12	24.43	24.24	24.18		
5	16QAM	1	24	24.49	24.28	24.33		
5	16QAM	12	0	22.95	23.07	23.01	23.7	2
5	16QAM	12	7	22.91	23.05	23.04		
5	16QAM	12	13	22.99	22.94	22.99		
5	16QAM	25	0	22.98	23.06	23.17		
5	64QAM	1	0	22.71	23.02	23.07	23.7	2
5	64QAM	1	12	22.75	23.09	23.02		
5	64QAM	1	24	22.78	23.11	23.11		
5	64QAM	12	0	21.99	22.02	21.98	22.7	3
5	64QAM	12	7	21.96	21.98	21.99		
5	64QAM	12	13	21.97	21.94	21.88		
5	64QAM	25	0	21.98	22.03	21.96		
5	256QAM	1	0	19.98	20.00	19.92	20.7	5
5	256QAM	1	12	20.10	20.02	20.12		
5	256QAM	1	24	20.11	20.02	20.07		
5	256QAM	12	0	20.04	19.95	19.97	20.7	5
5	256QAM	12	7	20.03	20.06	20.12		
5	256QAM	12	13	19.91	20.06	20.02		
5	256QAM	25	0	19.92	20.05	19.91		
Channel				23021	23095	23169	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.82	25.05	25.05	25.7	0
3	QPSK	1	8	24.92	25.10	25.07		
3	QPSK	1	14	25.04	25.07	25.07		
3	QPSK	8	0	23.94	23.98	24.00	24.7	1
3	QPSK	8	4	23.92	23.97	23.99		
3	QPSK	8	7	23.97	24.02	24.02		
3	QPSK	15	0	23.96	23.93	23.97		
3	16QAM	1	0	24.24	24.40	24.43	24.7	1
3	16QAM	1	8	24.33	24.35	24.51		
3	16QAM	1	14	24.29	24.31	24.51		
3	16QAM	8	0	22.93	22.99	23.11	23.7	2
3	16QAM	8	4	23.00	23.04	23.03		
3	16QAM	8	7	23.05	23.06	23.10		
3	16QAM	15	0	22.90	22.85	23.02		
3	64QAM	1	0	23.20	23.28	23.09	23.7	2
3	64QAM	1	8	23.18	23.31	23.13		
3	64QAM	1	14	23.27	23.31	23.07		
3	64QAM	8	0	21.95	21.95	22.06	22.7	3
3	64QAM	8	4	21.96	21.97	21.99		
3	64QAM	8	7	22.03	22.01	21.95		
3	64QAM	15	0	22.07	22.01	21.99		
3	256QAM	1	0	19.90	19.97	19.98	20.7	5
3	256QAM	1	8	19.95	20.04	19.93		
3	256QAM	1	14	20.07	19.99	19.93		
3	256QAM	8	0	19.92	19.97	20.05	20.7	5
3	256QAM	8	4	20.15	19.90	20.08		
3	256QAM	8	7	20.02	20.03	20.04		
3	256QAM	15	0	19.98	19.98	20.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.86	24.86	24.85	25.7	0
1.4	QPSK	1	3	24.83	24.90	24.85		
1.4	QPSK	1	5	24.87	24.99	24.83		
1.4	QPSK	3	0	24.91	24.97	24.96		
1.4	QPSK	3	2	24.93	24.99	24.95		
1.4	QPSK	3	3	24.93	24.93	25.06		
1.4	QPSK	6	0	23.89	24.01	24.06	24.7	1
1.4	16QAM	1	0	23.98	24.07	23.84	24.7	1
1.4	16QAM	1	3	24.03	24.13	23.84		
1.4	16QAM	1	5	24.06	24.07	23.83		
1.4	16QAM	3	0	23.97	24.11	24.05		
1.4	16QAM	3	1	23.97	24.06	23.95		
1.4	16QAM	3	3	23.99	23.98	24.05		
1.4	16QAM	6	0	22.96	23.06	22.99	23.7	2
1.4	64QAM	1	0	23.15	23.26	23.29	23.7	2
1.4	64QAM	1	3	23.13	23.30	23.29		
1.4	64QAM	1	5	23.15	23.28	23.29		
1.4	64QAM	3	0	23.02	23.15	22.99		
1.4	64QAM	3	1	23.06	23.21	23.22		
1.4	64QAM	3	3	22.97	23.14	23.28		
1.4	64QAM	6	0	21.94	21.97	21.92	22.7	3
1.4	256QAM	1	0	19.94	19.95	20.09	20.7	5
1.4	256QAM	1	3	20.03	19.99	20.15		
1.4	256QAM	1	5	20.06	19.92	19.93		
1.4	256QAM	3	0	20.12	20.04	20.10		
1.4	256QAM	3	1	20.13	20.05	20.10		
1.4	256QAM	3	3	19.99	20.09	20.10		
1.4	256QAM	6	0	20.07	19.94	20.06	20.7	5

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	25.11	25.18	25.15	25.7	0
10	QPSK	1	25	25.02	25.04	25.08		
10	QPSK	1	49	24.96	24.99	24.98		
10	QPSK	25	0	23.94	24.18	23.94	24.7	1
10	QPSK	25	12	23.98	23.99	24.05		
10	QPSK	25	25	23.95	24.12	23.99		
10	QPSK	50	0	23.97	24.08	24.07		
10	16QAM	1	0	24.20	24.18	24.21	24.7	1
10	16QAM	1	25	24.26	24.28	24.33		
10	16QAM	1	49	24.35	24.40	24.32		
10	16QAM	25	0	23.02	23.10	22.98	23.7	2
10	16QAM	25	12	23.02	23.03	23.09		
10	16QAM	25	25	22.95	23.11	23.05		
10	16QAM	50	0	23.02	23.03	23.05		
10	64QAM	1	0	23.05	23.06	23.13	23.7	2
10	64QAM	25	0	23.09	23.16	23.22		
10	64QAM	1	49	23.21	23.27	23.15		
10	64QAM	25	0	21.99	22.10	21.94	22.7	3
10	64QAM	25	12	22.06	22.02	22.08		
10	64QAM	25	25	21.97	22.10	22.07		
10	64QAM	50	0	21.99	22.05	22.04		
10	256QAM	1	0	19.73	19.71	19.92	20.7	5
10	256QAM	1	25	19.72	19.87	19.72		
10	256QAM	1	49	19.77	19.78	19.89		
10	256QAM	25	0	19.71	19.91	19.67	20.7	5
10	256QAM	25	12	19.78	19.74	19.64		
10	256QAM	25	25	19.74	19.57	19.68		
10	256QAM	50	0	19.62	19.90	19.67		
Channel				23330	23295	23150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.96	25.05	25.04	25.7	0
5	QPSK	1	12	25.00	25.03	25.04		
5	QPSK	1	24	25.04	25.07	25.12		
5	QPSK	12	0	23.93	24.07	24.00	24.7	1
5	QPSK	12	7	23.92	23.98	24.02		
5	QPSK	12	13	23.94	23.99	23.80		
5	QPSK	25	0	23.96	23.97	24.04		
5	16QAM	1	0	24.14	24.23	24.25	24.7	1
5	16QAM	1	12	24.10	24.24	24.17		
5	16QAM	1	24	24.19	24.28	24.23		
5	16QAM	12	0	22.96	23.07	22.96	23.7	2
5	16QAM	12	7	22.91	23.02	23.04		
5	16QAM	12	13	22.99	22.99	22.86		
5	16QAM	25	0	22.98	23.01	23.06		
5	64QAM	1	0	23.04	23.16	23.17	23.7	2
5	64QAM	1	12	23.07	23.17	23.13		
5	64QAM	1	24	23.11	23.22	23.18		
5	64QAM	12	0	21.97	22.10	22.01	22.7	3
5	64QAM	12	7	21.96	22.04	22.07		
5	64QAM	12	13	21.90	22.01	21.84		
5	64QAM	25	0	21.92	21.98	22.03		
5	256QAM	1	0	19.81	19.63	19.72	20.7	5
5	256QAM	1	12	19.95	19.71	19.90		
5	256QAM	1	24	19.61	19.75	19.86		
5	256QAM	12	0	19.56	19.82	19.68	20.7	5
5	256QAM	12	7	19.85	19.94	19.95		
5	256QAM	12	13	19.87	19.60	19.57		
5	256QAM	25	0	19.75	19.73	19.71		
Channel				23021	23095	23169	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.91	25.00	24.99	25.7	0
3	QPSK	1	8	24.95	25.00	25.02		
3	QPSK	1	14	24.93	24.97	25.06		
3	QPSK	8	0	23.92	23.99	24.03	24.7	1
3	QPSK	8	4	23.91	23.98	23.96		
3	QPSK	8	7	23.95	23.98	23.98		
3	QPSK	15	0	23.93	23.98	23.99		
3	16QAM	1	0	24.15	24.21	24.22	24.7	1
3	16QAM	1	8	24.22	24.25	24.26		
3	16QAM	1	14	24.12	24.26	24.27		
3	16QAM	8	0	22.99	23.06	23.08	23.7	2
3	16QAM	8	4	22.99	23.04	23.00		
3	16QAM	8	7	23.01	23.05	23.03		
3	16QAM	15	0	22.97	23.01	23.00		
3	64QAM	1	0	23.05	23.11	23.10	23.7	2
3	64QAM	1	8	23.07	23.15	23.05		
3	64QAM	1	14	23.06	23.12	23.14		
3	64QAM	8	0	21.94	21.98	22.03	22.7	3
3	64QAM	8	4	21.94	22.03	21.93		
3	64QAM	8	7	21.99	22.02	21.99		
3	64QAM	15	0	21.96	21.98	22.02		
3	256QAM	1	0	19.83	19.93	19.79	20.7	5
3	256QAM	1	8	19.85	19.86	19.87		
3	256QAM	1	14	19.57	19.73	19.66		
3	256QAM	8	0	19.74	19.84	19.91	20.7	5
3	256QAM	8	4	19.57	19.84	19.73		
3	256QAM	8	7	19.74	19.95	19.67		
3	256QAM	15	0	19.83	19.71	19.75		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.93	24.97	25.00	25.7	0
1.4	QPSK	1	3	24.97	24.98	25.01		
1.4	QPSK	1	5	24.93	24.97	25.04		
1.4	QPSK	3	0	24.94	25.01	25.00		
1.4	QPSK	3	2	24.96	24.97	25.00		
1.4	QPSK	3	3	24.97	24.97	25.03		
1.4	QPSK	6	0	23.95	23.99	23.99	24.7	1
1.4	16QAM	1	0	24.16	24.21	24.13	24.7	1
1.4	16QAM	1	3	24.19	24.18	24.15		
1.4	16QAM	1	5	24.19	24.25	24.14		
1.4	16QAM	3	0	23.95	24.07	24.06		
1.4	16QAM	3	1	23.94	24.07	24.05		
1.4	16QAM	3	3	23.98	24.01	24.09		
1.4	16QAM	6	0	22.98	23.08	23.09	23.7	2
1.4	64QAM	1	0	23.10	23.14	23.17	23.7	2
1.4	64QAM	1	3	23.07	23.19	23.16		
1.4	64QAM	1	5	23.07	23.12	23.16		
1.4	64QAM	3	0	23.03	23.11	23.14		
1.4	64QAM	3	1	23.06	23.07	23.12		
1.4	64QAM	3	3	23.09	23.04	23.12		
1.4	64QAM	6	0	21.89	21.91	21.97	22.7	3
1.4	256QAM	1	0	19.94	19.79	19.85	20.7	5
1.4	256QAM	1	3	19.61	19.91	19.83		
1.4	256QAM	1	5	19.90	19.85	19.70		
1.4	256QAM	3	0	19.87	19.82	19.67		
1.4	256QAM	3	1	19.92	19.88	19.87		
1.4	256QAM	3	3	19.79	19.95	19.90		
1.4	256QAM	6	0	19.65	19.87	19.81	20.7	5

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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				703	710	711		
10	QPSK	1	0	24.86	25.15	24.95	25.7	0
10	QPSK	1	25	25.03	25.07	25.05		
10	QPSK	1	49	25.02	25.14	25.06		
10	QPSK	25	0	23.94	24.15	23.99	24.7	1
10	QPSK	25	12	24.08	24.03	24.13		
10	QPSK	25	25	24.07	24.10	24.09		
10	QPSK	50	0	24.07	24.09	24.08		
10	16QAM	1	0	23.92	24.07	24.07	24.7	1
10	16QAM	1	25	24.10	24.20	24.13		
10	16QAM	1	49	24.17	24.18	24.08		
10	16QAM	25	0	22.98	22.94	23.09	23.7	2
10	16QAM	25	12	23.01	22.97	23.11		
10	16QAM	25	25	23.09	23.01	23.12		
10	16QAM	50	0	23.05	23.00	23.01		
10	64QAM	1	0	22.96	23.18	23.23	23.7	2
10	64QAM	25	0	22.99	23.32	23.39		
10	64QAM	1	49	23.39	23.35	23.41		
10	64QAM	25	0	21.93	21.93	22.06	22.7	3
10	64QAM	25	12	22.04	22.02	22.14		
10	64QAM	25	25	22.07	22.14	22.13		
10	64QAM	50	0	22.01	22.06	22.02		
10	256QAM	1	0	20.16	20.13	20.16	20.7	5
10	256QAM	1	25	20.26	20.29	20.30		
10	256QAM	1	49	20.21	20.24	20.24		
10	256QAM	25	0	20.10	20.12	20.14	20.7	5
10	256QAM	25	12	20.12	20.12	20.09		
10	256QAM	25	25	20.14	20.13	20.07		
10	256QAM	50	0	20.06	20.11	20.10		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.99	25.07	25.00	25.7	0
5	QPSK	1	12	25.06	25.05	25.03		
5	QPSK	1	24	25.06	25.11	25.13		
5	QPSK	12	0	24.00	24.05	24.08	24.7	1
5	QPSK	12	7	23.96	24.07	24.05		
5	QPSK	12	13	23.97	24.04	23.96		
5	QPSK	25	0	24.03	24.05	24.02		
5	16QAM	1	0	24.35	24.45	24.29	24.7	1
5	16QAM	1	12	24.49	24.59	24.21		
5	16QAM	1	24	24.54	24.56	24.30		
5	16QAM	12	0	22.94	22.98	23.09	23.7	2
5	16QAM	12	7	22.93	22.99	23.06		
5	16QAM	12	13	22.91	23.02	22.96		
5	16QAM	25	0	23.08	23.16	23.17		
5	64QAM	1	0	22.76	22.75	23.17	23.7	2
5	64QAM	1	12	22.82	22.89	23.12		
5	64QAM	1	24	22.92	22.94	23.12		
5	64QAM	12	0	21.98	22.03	22.06	22.7	3
5	64QAM	12	7	21.98	22.08	22.05		
5	64QAM	12	13	21.98	22.01	21.95		
5	64QAM	25	0	21.94	22.12	22.08		
5	256QAM	1	0	20.12	20.02	19.97	20.7	5
5	256QAM	1	12	20.11	20.13	20.09		
5	256QAM	1	24	20.15	20.09	19.91		
5	256QAM	12	0	20.07	19.94	20.06	20.7	5
5	256QAM	12	7	19.99	20.11	19.97		
5	256QAM	12	13	19.97	19.93	19.95		
5	256QAM	25	0	20.11	20.02	20.12		

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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				703	710	711		
10	QPSK	1	0	24.99	25.18	24.98	25.7	0
10	QPSK	1	25	25.07	25.14	25.12		
10	QPSK	1	49	25.12	25.17	25.15		
10	QPSK	25	0	24.03	24.18	23.97	24.7	1
10	QPSK	25	12	24.04	24.09	24.11		
10	QPSK	25	25	24.16	24.17	24.03		
10	QPSK	50	0	24.06	24.10	24.09		
10	16QAM	1	0	24.22	24.21	24.21	24.7	1
10	16QAM	1	25	24.35	24.37	24.35		
10	16QAM	1	49	24.40	24.32	24.37		
10	16QAM	25	0	23.07	23.01	22.99	23.7	2
10	16QAM	25	12	23.06	23.03	23.12		
10	16QAM	25	25	23.21	23.17	23.05		
10	16QAM	50	0	23.06	23.05	23.09		
10	64QAM	1	0	23.11	23.13	23.12	23.7	2
10	64QAM	25	0	23.26	23.28	23.26		
10	64QAM	1	49	23.21	23.27	23.30		
10	64QAM	25	0	22.03	21.99	22.01	22.7	3
10	64QAM	25	12	22.01	22.07	22.13		
10	64QAM	25	25	22.21	22.14	22.09		
10	64QAM	50	0	22.05	22.05	22.05		
10	256QAM	1	0	19.70	19.76	19.74	20.7	5
10	256QAM	1	25	19.88	19.93	19.56		
10	256QAM	1	49	19.95	19.81	19.56		
10	256QAM	25	0	19.88	19.65	19.65	20.7	5
10	256QAM	25	12	19.94	19.70	19.72		
10	256QAM	25	25	19.69	19.91	19.56		
10	256QAM	50	0	19.75	19.77	19.67		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	25.00	25.02	25.11	25.7	0
5	QPSK	1	12	25.02	25.13	25.09		
5	QPSK	1	24	25.08	25.13	25.15		
5	QPSK	12	0	24.00	24.00	24.01	24.7	1
5	QPSK	12	7	24.00	24.05	24.06		
5	QPSK	12	13	23.97	24.07	23.88		
5	QPSK	25	0	23.98	24.08	24.05		
5	16QAM	1	0	24.17	24.19	24.28	24.7	1
5	16QAM	1	12	24.18	24.35	24.24		
5	16QAM	1	24	24.29	24.27	24.30		
5	16QAM	12	0	22.99	23.02	23.02	23.7	2
5	16QAM	12	7	22.98	23.05	23.05		
5	16QAM	12	13	22.98	23.08	22.86		
5	16QAM	25	0	23.03	23.08	23.07		
5	64QAM	1	0	23.12	23.16	23.23	23.7	2
5	64QAM	1	12	23.15	23.28	23.21		
5	64QAM	1	24	23.25	23.22	23.22		
5	64QAM	12	0	22.04	22.02	22.03	22.7	3
5	64QAM	12	7	22.05	22.07	22.08		
5	64QAM	12	13	21.98	22.08	21.91		
5	64QAM	25	0	22.01	22.06	22.07		
5	256QAM	1	0	19.82	19.77	19.90	20.7	5
5	256QAM	1	12	19.78	19.83	19.76		
5	256QAM	1	24	19.95	19.67	19.57		
5	256QAM	12	0	19.88	19.86	19.87	20.7	5
5	256QAM	12	7	19.87	19.94	19.55		
5	256QAM	12	13	19.60	19.85	19.57		
5	256QAM	25	0	19.95	19.72	19.76		

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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				823.5	831.5	841.5		
15	QPSK	1	0	25.18	25.21	25.15		
15	QPSK	1	37	25.15	25.18	25.07	25.7	0
15	QPSK	1	74	25.12	25.13	25.07		
15	QPSK	36	0	23.81	23.87	23.79		
15	QPSK	36	20	23.77	23.80	23.75	24.7	1
15	QPSK	36	39	23.75	23.80	23.64		
15	QPSK	75	0	23.82	23.83	23.81		
15	16QAM	1	0	24.09	24.18	24.22		
15	16QAM	1	37	24.06	24.23	24.28	24.7	1
15	16QAM	1	74	24.11	24.19	24.32		
15	16QAM	36	0	22.74	22.81	22.79		
15	16QAM	36	20	22.78	22.82	22.77	23.7	2
15	16QAM	36	39	22.77	22.90	22.72		
15	16QAM	75	0	22.78	22.84	22.81		
15	64QAM	1	0	22.77	23.08	23.10		
15	64QAM	1	37	22.90	23.12	22.99	23.7	2
15	64QAM	1	74	22.77	23.09	22.99		
15	64QAM	36	0	21.80	21.78	21.75		
15	64QAM	36	20	21.84	21.78	21.83	22.7	3
15	64QAM	36	39	21.78	21.77	21.76		
15	64QAM	75	0	21.72	21.75	21.80		
15	256QAM	1	0	19.97	19.89	19.98		
15	256QAM	1	37	19.91	19.95	19.86	20.7	5
15	256QAM	1	74	19.96	19.88	19.98		
15	256QAM	36	0	19.86	19.87	19.78		
15	256QAM	36	20	19.82	19.83	19.86	20.7	5
15	256QAM	36	39	19.82	19.88	19.78		
15	256QAM	75	0	19.82	19.83	19.79		
Channel				26740	26815	26890	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.71	24.84	24.69		
10	QPSK	1	25	24.78	24.82	24.71	25.7	0
10	QPSK	1	49	24.84	24.81	24.78		
10	QPSK	25	0	23.82	23.78	23.89		
10	QPSK	25	12	23.78	23.83	23.80	24.7	1
10	QPSK	25	25	23.82	23.80	23.82		
10	QPSK	50	0	23.81	23.86	23.93		
10	16QAM	1	0	24.28	23.81	23.57		
10	16QAM	1	25	24.26	23.87	23.56	24.7	1
10	16QAM	1	49	23.85	23.90	23.60		
10	16QAM	25	0	22.72	22.91	22.89		
10	16QAM	25	12	22.75	22.90	22.82	23.7	2
10	16QAM	25	25	22.76	22.85	22.77		
10	16QAM	50	0	22.81	22.86	22.83		
10	64QAM	1	0	22.97	22.96	23.06		
10	64QAM	1	25	23.08	23.05	23.03	23.7	2
10	64QAM	1	49	22.99	23.02	23.09		
10	64QAM	25	0	21.78	21.86	21.79		
10	64QAM	25	12	21.78	21.72	21.74	22.7	3
10	64QAM	25	25	21.86	21.72	21.71		
10	64QAM	50	0	21.77	21.81	21.85		
10	256QAM	1	0	19.62	19.57	19.43		
10	256QAM	1	25	19.41	19.61	19.40	20.7	5
10	256QAM	1	49	19.71	19.55	19.55		
10	256QAM	25	0	19.92	19.84	19.90		
10	256QAM	25	12	19.77	19.45	19.63	20.7	5
10	256QAM	25	25	19.41	19.52	19.81		
10	256QAM	50	0	19.57	19.46	19.71		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.76	24.77	24.78		
5	QPSK	1	12	24.84	24.75	24.84	25.7	0
5	QPSK	1	24	24.78	24.72	24.78		
5	QPSK	12	0	23.77	23.84	23.87		
5	QPSK	12	7	23.78	23.86	23.93	24.7	1
5	QPSK	12	13	23.76	23.76	23.83		
5	QPSK	25	0	23.83	23.82	23.90		
5	16QAM	1	0	23.77	23.84	24.17		
5	16QAM	1	12	23.81	23.87	24.23	24.7	1
5	16QAM	1	24	23.89	23.86	24.26		
5	16QAM	12	0	22.69	22.79	22.89		
5	16QAM	12	7	22.77	22.80	22.90	23.7	2
5	16QAM	12	13	22.72	22.70	22.81		
5	16QAM	25	0	22.74	22.69	22.90		
5	64QAM	1	0	23.06	23.04	23.11		
5	64QAM	1	12	22.83	23.09	23.08	23.7	2
5	64QAM	1	24	23.02	23.03	23.10		
5	64QAM	12	0	21.78	21.88	21.87		
5	64QAM	12	7	21.83	21.81	21.84	22.7	3
5	64QAM	12	13	21.79	21.77	21.82		
5	64QAM	25	0	21.74	21.71	21.92		
5	256QAM	1	0	19.40	19.63	19.48		
5	256QAM	1	12	19.66	19.47	19.83	20.7	5
5	256QAM	1	24	19.64	19.59	19.49		
5	256QAM	12	0	19.84	19.83	19.71		
5	256QAM	12	7	19.65	19.81	19.86	20.7	5
5	256QAM	12	13	19.82	19.78	19.56		
5	256QAM	25	0	19.62	19.52	19.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813.5	831.5	847.5		
3	QPSK	1	0	24.87	24.95	24.80		
3	QPSK	1	8	24.99	25.02	24.91	25.7	0
3	QPSK	1	14	24.95	24.99	24.94		
3	QPSK	8	0	23.82	23.81	23.78		
3	QPSK	8	4	23.76	23.74	23.83	24.7	1
3	QPSK	8	7	23.74	23.80	23.88		
3	QPSK	15	0	23.76	23.77	23.90		
3	16QAM	1	0	24.30	24.26	24.02		
3	16QAM	1	8	24.23	24.26	24.06	24.7	1
3	16QAM	1	14	24.26	23.94	24.06		
3	16QAM	8	0	22.83	22.78	22.88		
3	16QAM	8	4	22.76	22.74	22.92	23.7	2
3	16QAM	8	7	22.85	22.79	22.97		
3	16QAM	15	0	22.83	22.81	22.80		
3	64QAM	1	0	22.55	22.82	22.77		
3	64QAM	1	8	22.59	22.70	22.87	23.7	2
3	64QAM	1	14	22.57	22.69	22.79		
3	64QAM	8	0	21.78	21.82	21.70		
3	64QAM	8	4	21.83	21.61	21.72	22.7	3
3	64QAM	8	7	21.88	21.70	21.83		
3	64QAM	15	0	21.69	21.85	21.69		
3	256QAM	1	0	19.84	19.65	19.40		
3	256QAM	1	8	19.74	19.44	19.45	20.7	5
3	256QAM	1	14	19.73	19.46	19.58		
3	256QAM	8	0	19.68	19.79	19.52		
3	256QAM	8	4	19.48	19.70	19.95	20.7	5
3	256QAM	8	7	19.56	19.46	19.79		
3	256QAM	15	0	19.49	19.42	19.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.10	25.12	25.05		
1.4	QPSK	1	3	25.14	25.13	25.02		
1.4	QPSK	1	5	25.09	25.09	24.97	25.7	0
1.4	QPSK	3	0	24.77	24.85	24.78		
1.4	QPSK	3	1	24.85	24.76	24.72		
1.4	QPSK	3	3	24.77	24.70	24.79		
1.4	QPSK	6	0	23.90	23.88	23.90	24.7	1
1.4	16QAM	1	0	24.07	24.09	24.25		
1.4	16QAM	1	3	24.03	24.39	24.34		
1.4	16QAM	1	5	23.99	24.10	24.20	24.7	1
1.4	16QAM	3	0	23.88	23.78	23.78		
1.4	16QAM	3	1	23.82	23.85	23.83		
1.4	16QAM	3	3	23.91	23.79	23.82		
1.4	16QAM	6	0	22.88	22.99	22.99	23.7	2
1.4	64QAM	1	0	22.79	23.19	23.20		
1.4	64QAM	1	3	22.74	23.12	23.21		
1.4	64QAM	1	5	22.67	23.09	22.97	23.7	2
1.4	64QAM	3	0	22.51	23.02	23.02		
1.4	64QAM	3	1	22.65	23.08	23.00		
1.4	64QAM	3	3	22.52	23.01	22.97		
1.4	64QAM	6	0	21.71	21.76	21.86	22.7	3
1.4	256QAM	1	0	19.65	19.46	19.76		
1.4	256QAM	1	3	19.40	19.64	19.62		
1.4	256QAM	1	5	19.84	19.88	19.74	20.7	5
1.4	256QAM	3	0	19.66	19.64	19.64		
1.4	256QAM	3	1	19.49	19.53	19.76		
1.4	256QAM	3	3	19.95	19.54	19.79		
1.4	256QAM	6	0	19.72	19.52	19.90	20.7	5

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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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				823.5	831.5	841.5		
15	QPSK	1	0	25.00	25.09	25.01		
15	QPSK	1	37	24.98	25.02	24.99	25.7	0
15	QPSK	1	74	24.93	25.00	24.94		
15	QPSK	36	0	24.00	24.03	23.98		
15	QPSK	36	20	23.96	23.93	23.95	24.7	1
15	QPSK	36	39	23.99	24.01	23.95		
15	QPSK	75	0	23.98	24.04	23.97		
15	16QAM	1	0	23.88	23.87	23.89		
15	16QAM	1	37	23.83	23.93	23.81	24.7	1
15	16QAM	1	74	23.94	23.85	23.90		
15	16QAM	36	0	22.66	22.64	22.74		
15	16QAM	36	20	22.69	22.66	22.66	23.7	2
15	16QAM	36	39	22.70	22.67	22.71		
15	16QAM	75	0	22.71	22.62	22.71		
15	64QAM	1	0	22.81	22.78	22.79		
15	64QAM	1	37	22.85	22.87	22.78	23.7	2
15	64QAM	1	74	22.84	22.72	22.77		
15	64QAM	36	0	21.70	21.62	21.75		
15	64QAM	36	20	21.67	21.70	21.65	22.7	3
15	64QAM	36	39	21.63	21.67	21.71		
15	64QAM	75	0	21.83	21.60	21.66		
15	256QAM	1	0	19.93	19.91	19.84		
15	256QAM	1	37	19.85	19.83	19.78	20.7	5
15	256QAM	1	74	19.96	19.85	19.98		
15	256QAM	36	0	19.79	19.77	19.84		
15	256QAM	36	20	19.82	19.81	19.76	20.7	5
15	256QAM	36	39	19.77	19.80	19.81		
15	256QAM	75	0	19.83	19.79	19.85		
Channel				26740	26815	26890	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.87	24.67	24.65		
10	QPSK	1	25	24.72	24.73	24.67	25.7	0
10	QPSK	1	49	24.73	24.72	24.64		
10	QPSK	25	0	23.68	23.65	23.78		
10	QPSK	25	12	23.70	23.68	23.69	24.7	1
10	QPSK	25	25	23.68	23.69	23.72		
10	QPSK	50	0	23.71	23.74	23.78		
10	16QAM	1	0	23.90	23.84	23.88		
10	16QAM	1	25	23.92	23.93	23.91	24.7	1
10	16QAM	1	49	23.89	23.87	23.95		
10	16QAM	25	0	22.70	22.66	22.80		
10	16QAM	25	12	22.69	22.66	22.65	23.7	2
10	16QAM	25	25	22.65	22.67	22.69		
10	16QAM	50	0	22.68	22.69	22.75		
10	64QAM	1	0	22.84	22.75	22.71		
10	64QAM	1	25	22.86	22.87	22.74	23.7	2
10	64QAM	1	49	22.87	22.77	22.73		
10	64QAM	25	0	21.66	21.67	21.76		
10	64QAM	25	12	21.68	21.66	21.63	22.7	3
10	64QAM	25	25	21.61	21.70	21.72		
10	64QAM	50	0	21.65	21.71	21.75		
10	256QAM	1	0	19.62	19.92	19.73		
10	256QAM	1	25	19.90	19.85	19.89	20.7	5
10	256QAM	1	49	19.67	19.78	19.76		
10	256QAM	25	0	19.90	19.89	19.83		
10	256QAM	25	12	19.70	19.80	19.76	20.7	5
10	256QAM	25	25	19.84	19.81	19.80		
10	256QAM	50	0	19.93	19.88	19.75		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.71	24.76	24.66		
5	QPSK	1	12	24.73	24.73	24.69	25.7	0
5	QPSK	1	24	24.78	24.69	24.69		
5	QPSK	12	0	23.66	23.67	23.62		
5	QPSK	12	7	23.72	23.72	23.73	24.7	1
5	QPSK	12	13	23.68	23.68	23.67		
5	QPSK	25	0	23.70	23.69	23.71		
5	16QAM	1	0	23.97	23.94	23.86		
5	16QAM	1	12	23.90	23.91	23.97	24.7	1
5	16QAM	1	24	23.92	23.87	23.88		
5	16QAM	12	0	22.63	22.67	22.60		
5	16QAM	12	7	22.69	22.69	22.68	23.7	2
5	16QAM	12	13	22.64	22.64	22.64		
5	16QAM	25	0	22.66	22.68	22.70		
5	64QAM	1	0	22.79	22.88	22.81		
5	64QAM	1	12	22.82	22.90	22.79	23.7	2
5	64QAM	1	24	22.82	22.85	22.81		
5	64QAM	12	0	21.61	21.65	21.62		
5	64QAM	12	7	21.70	21.69	21.67	22.7	3
5	64QAM	12	13	21.66	21.65	21.67		
5	64QAM	25	0	21.65	21.67	21.67		
5	256QAM	1	0	19.75	19.91	19.84		
5	256QAM	1	12	19.68	19.67	19.68	20.7	5
5	256QAM	1	24	19.73	19.55	19.64		
5	256QAM	12	0	19.94	19.94	19.76		
5	256QAM	12	7	19.87	19.61	19.72	20.7	5
5	256QAM	12	13	19.67	19.85	19.95		
5	256QAM	25	0	19.86	19.71	19.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813.5	831.5	847.5		
3	QPSK	1	0	24.71	24.67	24.64		
3	QPSK	1	8	24.70	24.66	24.65	25.7	0
3	QPSK	1	14	24.74	24.66	24.63		
3	QPSK	8	0	23.73	23.70	23.68		
3	QPSK	8	4	23.64	23.66	23.64	24.7	1
3	QPSK	8	7	23.70	23.69	23.67		
3	QPSK	15	0	23.71	23.71	23.68		
3	16QAM	1	0	23.97	23.87	23.94		
3	16QAM	1	8	23.93	23.88	23.89	24.7	1
3	16QAM	1	14	23.92	23.87	23.81		
3	16QAM	8	0	22.80	22.77	22.76		
3	16QAM	8	4	22.77	22.70	22.73	23.7	2
3	16QAM	8	7	22.77	22.76	22.74		
3	16QAM	15	0	22.73	22.72	22.69		
3	64QAM	1	0	22.81	22.79	22.77		
3	64QAM	1	8	22.78	22.74	22.80	23.7	2
3	64QAM	1	14	22.77	22.74	22.75		
3	64QAM	8	0	21.72	21.73	21.67		
3	64QAM	8	4	21.71	21.65	21.65	22.7	3
3	64QAM	8	7	21.70	21.70	21.68		
3	64QAM	15	0	21.67	21.67	21.64		
3	256QAM	1	0	19.83	19.55	19.84		
3	256QAM	1	8	19.86	19.68	19.85	20.7	5
3	256QAM	1	14	19.71	19.65	19.72		
3	256QAM	8	0	19.78	19.69	19.76		
3	256QAM	8	4	19.66	19.63	19.70	20.7	5
3	256QAM	8	7	19.55	19.73	19.57		
3	256QAM	15	0	19.69	19.55	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.87	24.68	24.63		
1.4	QPSK	1	3	24.68	24.66	24.63		
1.4	QPSK	1	5	24.63	24.63	24.58	25.7	0
1.4	QPSK	3	0	24.73	24.69	24.65		
1.4	QPSK	3	1	24.72	24.70	24.68		
1.4	QPSK	3	3	24.76	24.66	24.67		
1.4	QPSK	6	0	23.72	23.68	23.66	24.7	1
1.4	16QAM	1	0	23.86	23.89	23.80		
1.4	16QAM	1	3	23.86	23.93	23.87		
1.4	16QAM	1	5	23.92	23.89	23.77	24.7	1
1.4	16QAM	3	0	23.70	23.69	23.66		
1.4	16QAM	3	1	23.75	23.67	23.67		
1.4	16QAM	3	3	23.71	23.62	23.65		
1.4	16QAM	6	0	22.78	22.76	22.72	23.7	2
1.4	64QAM	1	0	22.84	22.83	22.77		
1.4	64QAM	1	3	22.77	22.81	22.80		
1.4	64QAM	1	5	22.78	22.79	22.74	23.7	2
1.4	64QAM	3	0	22.82	22.82	22.75		
1.4	64QAM	3	1	22.80	22.80	22.77		
1.4	64QAM	3	3	22.83	22.77	22.73		
1.4	64QAM	6	0	21.89	21.82	21.81	22.7	3
1.4	256QAM	1	0	19.62	19.56	19.63		
1.4	256QAM	1	3	19.93	19.66	19.95		
1.4	256QAM	1	5	19.89	19.85	19.76	20.7	5
1.4	256QAM	3	0	19.68	19.62	19.58		
1.4	256QAM	3	1	19.74	19.63	19.86		
1.4	256QAM	3	3	19.96	19.83	19.55		
1.4	256QAM	6	0	19.79	19.80	19.62	20.7	5

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.81	22.54	22.46	24	0
20	QPSK	1	49	22.83	22.52	22.45		
20	QPSK	1	99	22.89	22.46	22.47		
20	QPSK	50	0	21.64	21.31	21.32	23	1
20	QPSK	50	24	21.63	21.24	21.26		
20	QPSK	50	50	21.54	21.23	21.26		
20	QPSK	100	0	21.55	21.29	21.28		
20	16QAM	1	0	21.64	21.37	21.26	23	1
20	16QAM	1	49	21.62	21.27	21.33		
20	16QAM	1	99	21.54	21.25	21.30		
20	16QAM	50	0	20.61	20.33	20.30	22	2
20	16QAM	50	24	20.59	20.25	20.31		
20	16QAM	50	50	20.56	20.22	20.28		
20	16QAM	100	0	20.56	20.24	20.31		
20	64QAM	1	0	20.32	20.03	20.07	22	2
20	64QAM	1	49	20.29	20.02	20.05		
20	64QAM	1	99	20.26	20.01	20.02		
20	64QAM	50	0	19.59	19.31	19.34	21	3
20	64QAM	50	24	19.61	19.26	19.36		
20	64QAM	50	50	19.56	19.25	19.28		
20	64QAM	100	0	19.62	19.29	19.26		
20	256QAM	1	0	17.24	17.34	17.09	19	5
20	256QAM	1	49	17.27	17.24	17.31		
20	256QAM	1	99	17.19	17.19	17.24		
20	256QAM	50	0	17.35	17.09	17.33	19	5
20	256QAM	50	24	17.14	17.23	17.30		
20	256QAM	50	50	17.22	17.20	17.22		
20	256QAM	100	0	17.30	17.30	17.20		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.77	22.36	22.36	24	0
15	QPSK	1	37	22.78	22.37	22.33		
15	QPSK	1	74	22.70	22.39	22.36		
15	QPSK	36	0	21.73	21.32	21.23	23	1
15	QPSK	36	20	21.69	21.25	21.29		
15	QPSK	36	39	21.68	21.24	21.24		
15	QPSK	75	0	21.71	21.27	21.25		
15	16QAM	1	0	21.72	21.33	21.29	23	1
15	16QAM	1	37	21.79	21.35	21.31		
15	16QAM	1	74	21.69	21.23	21.38		
15	16QAM	36	0	20.71	20.23	20.27	22	2
15	16QAM	36	20	20.59	20.18	20.25		
15	16QAM	36	39	20.60	20.17	20.25		
15	16QAM	75	0	20.69	20.28	20.30		
15	64QAM	1	0	20.53	20.11	20.09	22	2
15	64QAM	1	37	20.52	20.01	20.02		
15	64QAM	1	74	20.52	20.06	20.02		
15	64QAM	36	0	19.73	19.33	19.27	21	3
15	64QAM	36	20	19.70	19.27	19.31		
15	64QAM	36	39	19.64	19.25	19.28		
15	64QAM	75	0	19.73	19.34	19.36		
15	256QAM	1	0	17.23	17.34	17.20	19	5
15	256QAM	1	37	17.17	17.35	17.32		
15	256QAM	1	74	17.19	17.10	17.15		
15	256QAM	36	0	17.17	17.18	17.23	19	5
15	256QAM	36	20	17.11	17.32	17.34		
15	256QAM	36	39	17.09	17.30	17.11		
15	256QAM	75	0	17.34	17.35	17.22		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.86	22.27	22.44	24	0
10	QPSK	1	25	22.81	22.31	22.29		
10	QPSK	1	49	22.77	22.29	22.45		
10	QPSK	25	0	21.77	21.40	21.32	23	1
10	QPSK	25	12	21.71	21.25	21.20		
10	QPSK	25	25	21.72	21.18	21.18		
10	QPSK	50	0	21.78	21.24	21.21		
10	16QAM	1	0	21.73	21.27	21.35	23	1
10	16QAM	1	25	21.78	21.44	21.36		
10	16QAM	1	49	21.66	21.29	21.33		
10	16QAM	25	0	20.61	20.22	20.26	22	2
10	16QAM	25	12	20.65	20.15	20.21		
10	16QAM	25	25	20.62	20.25	20.16		
10	16QAM	50	0	20.73	20.22	20.30		
10	64QAM	1	0	20.52	20.01	20.03	22	2
10	64QAM	1	25	20.51	20.14	20.02		
10	64QAM	1	49	20.46	20.03	20.03		
10	64QAM	25	0	19.75	19.26	19.21	21	3
10	64QAM	25	12	19.62	19.28	19.38		
10	64QAM	25	25	19.71	19.15	19.30		
10	64QAM	50	0	19.75	19.26	19.27		
10	256QAM	1	0	17.23	17.34	17.20	19	5
10	256QAM	1	25	17.17	17.35	17.32		
10	256QAM	1	49	17.19	17.10	17.15		
10	256QAM	25	0	17.17	17.18	17.23	19	5
10	256QAM	25	12	17.11	17.32	17.34		
10	256QAM	25	25	17.09	17.30	17.11		
10	256QAM	50	0	17.34	17.35	17.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.84	22.29	22.29	24	0
5	QPSK	1	12	22.80	22.46	22.28		
5	QPSK	1	24	22.78	22.43	22.46		
5	QPSK	12	0	21.70	21.40	21.25	23	1
5	QPSK	12	7	21.74	21.17	21.20		
5	QPSK	12	13	21.62	21.23	21.16		
5	QPSK	25	0	21.75	21.15	21.17		
5	16QAM	1	0	21.68	21.39	21.31	23	1
5	16QAM	1	12	21.72	21.33	21.23		
5	16QAM	1	24	21.79	21.17	21.40		
5	16QAM	12	0	20.73	20.32	20.21	22	2
5	16QAM	12	7	20.56	20.20	20.30		
5	16QAM	12	13	20.50	20.27	20.26		
5	16QAM	25	0	20.77	20.19	20.30		
5	64QAM	1	0	20.59	20.15	20.04	22	2
5	64QAM	1	12	20.62	20.09	20.07		
5	64QAM	1	24	20.53	20.10	20.03		
5	64QAM	12	0	19.65	19.40	19.24	21	3
5	64QAM	12	7	19.65	19.19	19.35		
5	64QAM	12	13	19.59	19.21	19.32		
5	64QAM	25	0	19.74	19.30	19.45		
5	256QAM	1	0	17.23	17.34	17.20	19	5
5	256QAM	1	12	17.17	17.35	17.32		
5	256QAM	1	24	17.19	17.10	17.15		
5	256QAM	12	0	17.17	17.18	17.23	19	5
5	256QAM	12	7	17.11	17.32	17.34		
5	256QAM	12	13	17.09	17.30	17.11		
5	256QAM	25	0	17.34	17.35	17.22		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.54	24.39	24.36	25.5	0
20	QPSK	1	49	24.55	24.38	24.36		
20	QPSK	1	99	24.66	24.37	24.31		
20	QPSK	50	0	23.57	23.32	23.39	24.5	1
20	QPSK	50	24	23.56	23.29	23.39		
20	QPSK	50	50	23.52	23.35	23.38		
20	QPSK	100	0	23.49	23.27	23.41		
20	16QAM	1	0	23.56	23.31	23.30	24.5	1
20	16QAM	1	49	23.50	23.36	23.34		
20	16QAM	1	99	23.56	23.38	23.35		
20	16QAM	50	0	22.53	22.33	22.38	23.5	2
20	16QAM	50	24	22.58	22.33	22.39		
20	16QAM	50	50	22.61	22.33	22.33		
20	16QAM	100	0	22.50	22.25	22.36		
20	64QAM	1	0	22.29	22.06	22.05	23.5	2
20	64QAM	1	49	22.25	22.06	22.10		
20	64QAM	1	99	22.28	22.00	22.11		
20	64QAM	50	0	21.50	21.31	21.38	22.5	3
20	64QAM	50	24	21.59	21.31	21.40		
20	64QAM	50	50	21.54	21.35	21.42		
20	64QAM	100	0	21.55	21.27	21.37		
20	256QAM	1	0	19.09	19.33	19.23	20.5	5
20	256QAM	1	49	19.38	19.45	18.98		
20	256QAM	1	99	19.20	19.26	19.13		
20	256QAM	50	0	19.32	18.95	19.03	20.5	5
20	256QAM	50	24	19.38	19.27	19.37		
20	256QAM	50	50	19.29	19.11	18.94		
20	256QAM	100	0	19.32	19.40	19.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.61	24.33	24.32	25.5	0
15	QPSK	1	37	24.56	24.33	24.39		
15	QPSK	1	74	24.60	24.34	24.34		
15	QPSK	36	0	23.43	23.21	23.41	24.5	1
15	QPSK	36	20	23.52	23.24	23.28		
15	QPSK	36	39	23.55	23.23	23.29		
15	QPSK	75	0	23.54	23.18	23.32		
15	16QAM	1	0	23.51	23.24	23.29	24.5	1
15	16QAM	1	37	23.57	23.31	23.33		
15	16QAM	1	74	23.58	23.28	23.38		
15	16QAM	36	0	22.44	22.18	22.30	23.5	2
15	16QAM	36	20	22.47	22.25	22.25		
15	16QAM	36	39	22.54	22.18	22.29		
15	16QAM	75	0	22.55	22.23	22.36		
15	64QAM	1	0	22.32	22.04	22.09	23.5	2
15	64QAM	1	37	22.30	22.06	22.12		
15	64QAM	1	74	22.34	22.00	22.02		
15	64QAM	36	0	21.54	21.26	21.33	22.5	3
15	64QAM	36	20	21.51	21.23	21.26		
15	64QAM	36	39	21.56	21.25	21.34		
15	64QAM	75	0	21.52	21.24	21.30		
15	256QAM	1	0	19.32	19.06	19.37	20.5	5
15	256QAM	1	37	19.44	19.01	19.00		
15	256QAM	1	74	19.25	18.98	18.90		
15	256QAM	36	0	19.02	19.26	19.00	20.5	5
15	256QAM	36	20	19.15	19.21	18.92		
15	256QAM	36	39	19.36	18.95	18.94		
15	256QAM	75	0	19.12	18.91	19.31		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.56	24.31	24.43	25.5	0
10	QPSK	1	25	24.57	24.27	24.31		
10	QPSK	1	49	24.60	24.27	24.40		
10	QPSK	25	0	23.50	23.29	23.34	24.5	1
10	QPSK	25	12	23.59	23.27	23.37		
10	QPSK	25	25	23.55	23.27	23.34		
10	QPSK	50	0	23.52	23.30	23.42		
10	16QAM	1	0	23.55	23.28	23.37	24.5	1
10	16QAM	1	25	23.68	23.31	23.30		
10	16QAM	1	49	23.69	23.24	23.36		
10	16QAM	25	0	22.61	22.33	22.42	23.5	2
10	16QAM	25	12	22.57	22.24	22.44		
10	16QAM	25	25	22.57	22.27	22.37		
10	16QAM	50	0	22.54	22.33	22.39		
10	64QAM	1	0	22.33	22.05	22.08	23.5	2
10	64QAM	1	25	22.28	22.03	22.09		
10	64QAM	1	49	22.36	22.05	22.08		
10	64QAM	25	0	21.57	21.31	21.46	22.5	3
10	64QAM	25	12	21.60	21.31	21.42		
10	64QAM	25	25	21.64	21.30	21.44		
10	64QAM	50	0	21.58	21.26	21.31		
10	256QAM	1	0	19.04	18.94	19.27	20.5	5
10	256QAM	1	25	19.14	19.29	19.05		
10	256QAM	1	49	19.06	19.32	19.33		
10	256QAM	25	0	19.33	19.35	19.15	20.5	5
10	256QAM	25	12	19.31	19.20	18.98		
10	256QAM	25	25	19.16	18.96	19.37		
10	256QAM	50	0	19.42	19.02	19.28		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.52	24.21	24.33	25.5	0
5	QPSK	1	12	24.59	24.18	24.41		
5	QPSK	1	24	24.54	24.20	24.37		
5	QPSK	12	0	23.53	23.14	23.32	24.5	1
5	QPSK	12	7	23.46	23.17	23.36		
5	QPSK	12	13	23.45	23.19	23.28		
5	QPSK	25	0	23.49	23.26	23.35		
5	16QAM	1	0	23.56	23.25	23.29	24.5	1
5	16QAM	1	12	23.57	23.18	23.33		
5	16QAM	1	24	23.54	23.22	23.41		
5	16QAM	12	0	22.44	22.12	22.22	23.5	2
5	16QAM	12	7	22.40	22.08	22.27		
5	16QAM	12	13	22.36	22.10	22.21		
5	16QAM	25	0	22.53	22.23	22.43		
5	64QAM	1	0	22.27	21.96	22.07	23.5	2
5	64QAM	1	12	22.31	21.98	22.12		
5	64QAM	1	24	22.25	21.96	22.11		
5	64QAM	12	0	21.52	21.21	21.31	22.5	3
5	64QAM	12	7	21.55	21.20	21.34		
5	64QAM	12	13	21.51	21.20	21.35		
5	64QAM	25	0	21.54	21.28	21.45		
5	256QAM	1	0	19.02	19.04	19.28	20.5	5
5	256QAM	1	12	18.97	19.01	19.08		
5	256QAM	1	24	19.22	19.11	19.19		
5	256QAM	12	0	19.44	19.20	19.35	20.5	5
5	256QAM	12	7	18.96	19.05	19.30		
5	256QAM	12	13	19.30	18.94	19.00		
5	256QAM	25	0	19.06	19.08	19.36		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.86	24.68	24.73	25.7	0
20	QPSK	1	49	24.84	24.70	24.78		
20	QPSK	1	99	25.06	24.73	24.95		
20	QPSK	50	0	23.99	23.78	23.92	24.7	1
20	QPSK	50	24	23.94	23.82	23.88		
20	QPSK	50	50	23.87	23.75	23.89		
20	QPSK	100	0	24.01	23.89	23.94		
20	16QAM	1	0	24.04	23.89	23.98	24.7	1
20	16QAM	1	49	24.09	23.88	24.00		
20	16QAM	1	99	23.86	23.77	23.92		
20	16QAM	50	0	22.96	22.80	22.94	23.7	2
20	16QAM	50	24	23.00	22.82	22.93		
20	16QAM	50	50	22.92	22.79	22.92		
20	16QAM	100	0	22.87	22.72	22.78		
20	64QAM	1	0	22.88	22.69	22.85	23.7	2
20	64QAM	1	49	22.95	22.75	22.84		
20	64QAM	1	99	22.87	22.74	22.92		
20	64QAM	50	0	21.98	21.78	21.96	22.7	3
20	64QAM	50	24	22.00	21.83	21.91		
20	64QAM	50	50	21.94	21.74	21.94		
20	64QAM	100	0	21.98	21.78	21.96		
20	256QAM	1	0	19.95	19.95	19.96	20.7	5
20	256QAM	1	49	19.91	19.92	19.98		
20	256QAM	1	99	19.90	19.94	19.97		
20	256QAM	50	0	20.14	20.15	20.22	20.7	5
20	256QAM	50	24	20.18	20.13	20.23		
20	256QAM	50	50	20.15	20.15	20.17		
20	256QAM	100	0	20.11	20.09	20.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.99	24.81	24.84	25.7	0
15	QPSK	1	37	24.93	24.73	24.86		
15	QPSK	1	74	24.94	24.76	24.91		
15	QPSK	36	0	23.83	23.75	23.92	24.7	1
15	QPSK	36	20	23.89	23.73	23.89		
15	QPSK	36	39	23.96	23.71	23.86		
15	QPSK	75	0	23.81	23.70	23.93		
15	16QAM	1	0	24.02	23.85	23.95	24.7	1
15	16QAM	1	37	24.06	23.86	24.02		
15	16QAM	1	74	24.07	23.84	23.99		
15	16QAM	36	0	22.84	22.70	22.87	23.7	2
15	16QAM	36	20	22.83	22.76	22.87		
15	16QAM	36	39	22.93	22.74	22.85		
15	16QAM	75	0	22.96	22.66	22.87		
15	64QAM	1	0	22.91	22.70	22.79	23.7	2
15	64QAM	1	37	22.97	22.73	22.87		
15	64QAM	1	74	22.92	22.72	22.84		
15	64QAM	36	0	21.88	21.77	21.89	22.7	3
15	64QAM	36	20	21.94	21.75	21.90		
15	64QAM	36	39	21.97	21.78	21.87		
15	64QAM	75	0	21.92	21.74	21.89		
15	256QAM	1	0	19.72	19.71	19.93	20.7	5
15	256QAM	1	37	19.73	19.71	19.87		
15	256QAM	1	74	19.85	19.95	19.91		
15	256QAM	36	0	19.65	19.81	19.73	20.7	5
15	256QAM	36	20	19.55	19.71	19.57		
15	256QAM	36	39	19.77	19.70	19.57		
15	256QAM	75	0	19.60	19.84	19.86		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.85	24.76	24.86	25.7	0
10	QPSK	1	25	24.88	24.71	24.93		
10	QPSK	1	49	24.79	24.66	24.80		
10	QPSK	25	0	23.87	23.75	23.90	24.7	1
10	QPSK	25	12	23.97	23.80	23.85		
10	QPSK	25	25	23.89	23.77	23.96		
10	QPSK	50	0	23.93	23.77	23.92		
10	16QAM	1	0	23.97	23.75	23.91	24.7	1
10	16QAM	1	25	23.93	23.76	23.95		
10	16QAM	1	49	24.03	23.88	24.02		
10	16QAM	25	0	23.18	22.99	23.09	23.7	2
10	16QAM	25	12	23.21	22.95	23.13		
10	16QAM	25	25	22.88	22.84	23.04		
10	16QAM	50	0	22.98	22.79	22.98		
10	64QAM	1	0	23.03	22.80	22.97	23.7	2
10	64QAM	1	25	22.97	22.79	22.96		
10	64QAM	1	49	22.90	22.74	22.91		
10	64QAM	25	0	22.07	21.84	21.94	22.7	3
10	64QAM	25	12	22.07	21.80	22.05		
10	64QAM	25	25	21.97	21.84	22.04		
10	64QAM	50	0	22.05	21.82	22.04		
10	256QAM	1	0	19.61	19.85	19.76	20.7	5
10	256QAM	1	25	19.92	19.93	19.95		
10	256QAM	1	49	19.70	19.78	19.90		
10	256QAM	25	0	19.81	19.81	19.90	20.7	5
10	256QAM	25	12	19.59	19.68	19.70		
10	256QAM	25	25	19.85	19.92	19.66		
10	256QAM	50	0	19.64	19.73	19.72		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.81	24.63	24.79	25.7	0
5	QPSK	1	12	24.89	24.64	24.77		
5	QPSK	1	24	24.82	24.71	24.85		
5	QPSK	12	0	23.90	23.74	23.90	24.7	1
5	QPSK	12	7	23.90	23.74	23.93		
5	QPSK	12	13	23.87	23.74	23.92		
5	QPSK	25	0	23.88	23.76	23.92		
5	16QAM	1	0	24.04	23.87	24.02	24.7	1
5	16QAM	1	12	24.11	23.82	23.96		
5	16QAM	1	24	24.10	23.88	24.04		
5	16QAM	12	0	22.95	22.78	22.92	23.7	2
5	16QAM	12	7	22.92	22.74	22.87		
5	16QAM	12	13	22.92	22.74	22.93		
5	16QAM	25	0	22.97	22.81	22.96		
5	64QAM	1	0	22.98	22.74	22.97	23.7	2
5	64QAM	1	12	22.98	22.78	22.88		
5	64QAM	1	24	22.98	22.85	22.89		
5	64QAM	12	0	21.90	21.73	21.96	22.7	3
5	64QAM	12	7	21.97	21.76	21.95		
5	64QAM	12	13	21.95	21.77	21.93		
5	64QAM	25	0	22.02	21.80	22.00		
5	256QAM	1	0	19.76	19.67	19.59	20.7	5
5	256QAM	1	12	19.88	19.87	19.55		
5	256QAM	1	24	19.68	19.72	19.65		
5	256QAM	12	0	19.59	19.56	19.63	20.7	5
5	256QAM	12	7	19.57	19.94	19.79		
5	256QAM	12	13	19.84	19.88	19.71		
5	256QAM	25	0	19.75	19.73	19.72		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.03	23.84	23.91	25	0
20	QPSK	1	49	23.95	23.81	23.94		
20	QPSK	1	99	24.12	23.87	23.99		
20	QPSK	50	0	23.12	22.95	23.08	24	1
20	QPSK	50	24	23.10	22.96	23.09		
20	QPSK	50	50	23.11	22.97	23.05		
20	QPSK	100	0	23.08	22.93	23.05		
20	16QAM	1	0	23.24	23.02	23.09	24	1
20	16QAM	1	49	23.27	23.12	23.21		
20	16QAM	1	99	23.29	23.11	23.21		
20	16QAM	50	0	22.09	21.94	22.12	23	2
20	16QAM	50	24	22.16	21.95	22.12		
20	16QAM	50	50	22.14	22.01	22.12		
20	16QAM	100	0	22.13	21.90	22.09		
20	64QAM	1	0	22.06	21.93	22.01	23	2
20	64QAM	1	49	22.09	21.93	22.07		
20	64QAM	1	99	22.16	22.00	22.09		
20	64QAM	50	0	21.10	20.92	21.08	22	3
20	64QAM	50	24	21.14	20.99	21.08		
20	64QAM	50	50	21.18	20.97	21.12		
20	64QAM	100	0	21.07	20.92	21.09		
20	256QAM	1	0	18.66	18.58	18.49	20	5
20	256QAM	1	49	18.57	18.47	18.42		
20	256QAM	1	99	18.49	18.40	18.45		
20	256QAM	50	0	18.82	18.72	18.71		
20	256QAM	50	24	18.83	18.78	18.68		
20	256QAM	50	50	18.76	18.64	18.67		
20	256QAM	100	0	18.73	18.63	18.65		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.10	23.91	24.08	25	0
15	QPSK	1	37	24.06	23.94	24.07		
15	QPSK	1	74	24.11	24.07	24.11		
15	QPSK	36	0	23.05	22.96	23.08	24	1
15	QPSK	36	20	23.08	22.93	23.06		
15	QPSK	36	39	23.13	22.94	23.08		
15	QPSK	75	0	23.07	22.93	23.06		
15	16QAM	1	0	23.24	23.07	23.20	24	1
15	16QAM	1	37	23.27	23.08	23.23		
15	16QAM	1	74	23.25	23.06	23.21		
15	16QAM	36	0	21.99	21.89	22.03	23	2
15	16QAM	36	20	22.06	21.91	22.01		
15	16QAM	36	39	22.13	21.93	22.07		
15	16QAM	75	0	22.09	21.92	22.06		
15	64QAM	1	0	22.05	21.94	22.04	23	2
15	64QAM	1	37	22.15	21.97	22.05		
15	64QAM	1	74	22.18	21.98	22.06		
15	64QAM	36	0	21.08	20.98	21.09	22	3
15	64QAM	36	20	21.13	20.92	21.09		
15	64QAM	36	39	21.17	21.00	21.08		
15	64QAM	75	0	21.08	20.94	21.11		
15	256QAM	1	0	18.75	18.71	18.75	20	5
15	256QAM	1	37	18.73	18.82	18.77		
15	256QAM	1	74	18.63	18.83	18.70		
15	256QAM	36	0	18.85	18.79	18.76		
15	256QAM	36	20	18.53	18.70	18.57		
15	256QAM	36	39	18.53	18.56	18.73		
15	256QAM	75	0	18.60	18.62	18.79		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.00	23.83	23.96	25	0
10	QPSK	1	25	24.11	23.88	23.96		
10	QPSK	1	49	24.06	23.89	23.97		
10	QPSK	25	0	23.12	23.02	23.12	24	1
10	QPSK	25	12	23.14	22.96	23.11		
10	QPSK	25	25	23.13	22.93	23.09		
10	QPSK	50	0	23.07	22.96	23.11		
10	16QAM	1	0	23.31	23.03	23.20	24	1
10	16QAM	1	25	23.31	23.13	23.19		
10	16QAM	1	49	23.35	23.08	23.21		
10	16QAM	25	0	22.12	21.98	22.18	23	2
10	16QAM	25	12	22.21	21.99	22.18		
10	16QAM	25	25	22.20	21.96	22.14		
10	16QAM	50	0	22.13	21.95	22.15		
10	64QAM	1	0	22.12	21.94	22.09	23	2
10	64QAM	1	25	22.15	21.95	22.04		
10	64QAM	1	49	22.16	21.90	22.12		
10	64QAM	25	0	21.17	21.08	21.21	22	3
10	64QAM	25	12	21.22	21.00	21.18		
10	64QAM	25	25	21.23	20.99	21.17		
10	64QAM	50	0	21.14	20.94	21.16		
10	256QAM	1	0	18.73	18.83	18.74	20	5
10	256QAM	1	25	18.82	18.76	18.74		
10	256QAM	1	49	18.83	18.64	18.58		
10	256QAM	25	0	18.77	18.66	18.63	20	5
10	256QAM	25	12	18.69	18.70	18.65		
10	256QAM	25	25	18.68	18.72	18.61		
10	256QAM	50	0	18.73	18.51	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.05	23.90	24.02	25	0
5	QPSK	1	12	24.08	23.86	23.99		
5	QPSK	1	24	24.06	23.83	24.08		
5	QPSK	12	0	23.14	22.95	23.10	24	1
5	QPSK	12	7	23.14	22.91	23.12		
5	QPSK	12	13	23.10	22.96	23.10		
5	QPSK	25	0	23.12	22.96	23.11		
5	16QAM	1	0	23.33	23.06	23.19	24	1
5	16QAM	1	12	23.33	23.08	23.25		
5	16QAM	1	24	23.34	23.06	23.26		
5	16QAM	12	0	22.13	21.93	22.12	23	2
5	16QAM	12	7	22.13	21.97	22.14		
5	16QAM	12	13	22.13	21.96	22.09		
5	16QAM	25	0	22.13	22.02	22.18		
5	64QAM	1	0	22.17	21.96	22.13	23	2
5	64QAM	1	12	22.17	21.93	22.04		
5	64QAM	1	24	22.17	21.98	22.14		
5	64QAM	12	0	21.17	20.98	21.10	22	3
5	64QAM	12	7	21.19	20.97	21.12		
5	64QAM	12	13	21.17	20.99	21.15		
5	64QAM	25	0	21.24	21.05	21.26		
5	256QAM	1	0	18.53	18.50	18.66	20	5
5	256QAM	1	12	18.67	18.59	18.59		
5	256QAM	1	24	18.80	18.68	18.52		
5	256QAM	12	0	18.77	18.71	18.68	20	5
5	256QAM	12	7	18.66	18.76	18.78		
5	256QAM	12	13	18.81	18.81	18.59		
5	256QAM	25	0	18.63	18.82	18.60		

Band 41_Ant 0

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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.04	23.24	23.38	23.24	23.09	24	0
20	QPSK	1	49	23.10	23.31	23.35	23.25	23.18		
20	QPSK	1	99	23.15	23.48	23.47	23.33	23.21		
20	QPSK	50	0	22.15	22.42	22.41	22.35	22.21	23	1
20	QPSK	50	24	22.11	22.29	22.37	22.22	22.16		
20	QPSK	50	50	22.14	22.27	22.35	22.31	22.11		
20	QPSK	100	0	22.12	22.38	22.37	22.25	22.13		
20	16QAM	1	0	22.11	22.33	22.43	22.25	22.17	23	1
20	16QAM	1	49	22.12	22.24	22.30	22.28	22.14		
20	16QAM	1	99	22.13	22.27	22.35	22.31	22.08		
20	16QAM	50	0	21.09	21.28	21.45	21.24	21.22	22	2
20	16QAM	50	24	21.11	21.31	21.43	21.27	21.19		
20	16QAM	50	50	21.14	21.29	21.38	21.27	21.18		
20	16QAM	100	0	21.15	21.25	21.36	21.27	21.16		
20	64QAM	1	0	20.92	20.96	21.18	20.96	20.85	22	2
20	64QAM	1	49	20.82	20.98	21.08	20.95	20.82		
20	64QAM	1	99	20.80	20.98	21.03	20.92	20.82		
20	64QAM	50	0	20.05	20.25	20.39	20.21	20.16	21	3
20	64QAM	50	24	20.08	20.25	20.38	20.23	20.14		
20	64QAM	50	50	20.13	20.29	20.33	20.23	20.13		
20	64QAM	100	0	20.08	20.24	20.31	20.18	20.17		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	5
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90		
20	256QAM	1	99	17.84	17.70	17.60	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71	19	5
20	256QAM	50	24	17.85	17.75	17.93	17.63	17.86		
20	256QAM	50	50	17.71	17.84	17.67	17.65	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.65	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.12	23.31	23.45	23.24	23.27	24.00	0
15	QPSK	1	37	23.14	23.28	23.35	23.17	23.08		
15	QPSK	1	74	23.11	23.23	23.42	23.22	23.06		
15	QPSK	36	0	22.16	22.19	22.38	22.30	22.03	23	1
15	QPSK	36	20	22.14	22.24	22.35	22.19	22.24		
15	QPSK	36	39	22.05	22.18	22.38	22.27	22.07		
15	QPSK	75	0	22.10	22.28	22.30	22.15	22.12		
15	16QAM	1	0	22.11	22.32	22.51	22.30	22.17	23	1
15	16QAM	1	37	22.18	22.14	22.22	22.28	22.21		
15	16QAM	1	74	22.13	22.24	22.38	22.22	22.10		
15	16QAM	36	0	21.14	21.38	21.51	21.20	21.15	22	2
15	16QAM	36	20	21.07	21.29	21.45	21.34	21.13		
15	16QAM	36	39	21.18	21.22	21.28	21.37	21.20		
15	16QAM	75	0	21.16	21.25	21.40	21.26	21.10		
15	64QAM	1	0	20.86	20.87	21.20	20.90	20.82	22	2
15	64QAM	1	37	20.74	21.03	21.05	20.92	20.75		
15	64QAM	1	74	20.82	21.06	21.05	20.88	20.89		
15	64QAM	36	0	20.08	20.32	20.49	20.14	20.24	21	3
15	64QAM	36	20	20.15	20.30	20.35	20.23	20.08		
15	64QAM	36	39	20.09	20.24	20.35	20.24	20.14		
15	64QAM	75	0	19.99	20.22	20.27	20.18	20.27		
15	256QAM	1	0	17.56	17.71	17.93	17.79	17.88	19	5
15	256QAM	1	37	17.68	17.59	17.69	17.61	17.81		
15	256QAM	1	74	17.89	17.65	17.68	17.68	17.71		
15	256QAM	36	0	17.64	17.65	17.58	17.89	17.60	19	5
15	256QAM	36	20	17.79	17.87	17.86	17.93	17.94		
15	256QAM	36	39	17.63	17.69	17.67	17.93	17.90		
15	256QAM	75	0	17.87	17.72	17.81	17.65	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.17	23.24	23.28	23.27	23.29	24.00	0
10	QPSK	1	25	23.19	23.22	23.37	23.17	23.14		
10	QPSK	1	49	23.04	23.23	23.34	23.24	23.06		
10	QPSK	25	0	22.24	22.31	22.50	22.30	22.11	23	1
10	QPSK	25	12	22.20	22.29	22.43	22.28	22.25		
10	QPSK	25	25	22.15	22.34	22.26	22.26	22.07		
10	QPSK	50	0	22.18	22.15	22.43	22.25	22.14		
10	16QAM	1	0	22.05	22.43	22.47	22.25	22.24	23	1
10	16QAM	1	25	22.09	22.31	22.31	22.21	22.19		
10	16QAM	1	49	22.18	22.17	22.26	22.22	21.99		
10	16QAM	25	0	21.11	21.29	21.52	21.32	21.26	22	2
10	16QAM	25	12	21.02	21.27	21.45	21.27	21.22		
10	16QAM	25	25	21.04	21.27	21.39	21.33	21.18		
10	16QAM	50	0	21.12	21.34	21.36	21.31	21.26		
10	64QAM	1	0	20.98	20.89	21.26	20.87	20.89	22	2
10	64QAM	1	25	20.77	20.95	21.04	21.01	20.82		
10	64QAM	1	49	20.82	21.07	20.95	20.89	20.86		
10	64QAM	25	0	20.13	20.28	20.48	20.13	20.21	21	3
10	64QAM	25	12	20.14	20.31	20.28	20.15	20.04		
10	64QAM	25	25	20.19	20.37	20.43	20.21	20.20		
10	64QAM	50	0	20.18	20.24	20.27	20.24	20.09		
10	256QAM	1	0	17.79	17.83	17.87	17.64	17.77	19	5
10	256QAM	1	25	17.85	17.91	17.65	17.76	17.94		
10	256QAM	1	49	17.92	17.87	17.79	17.91	17.69		
10	256QAM	25	0	17.65	17.77	17.91	17.73	17.88	19	5
10	256QAM	25	12	17.63	17.61	17.75	17.75	17.76		
10	256QAM	25	25	17.64	17.90	17.81	17.90	17.92		
10	256QAM	50	0	17.88	17.85	17.86	17.81	17.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.04	23.21	23.41	23.26	23.14	24.00	0
5	QPSK	1	12	23.10	23.35	23.34	23.24	23.09		
5	QPSK	1	24	23.18	23.26	23.37	23.35	23.06		
5	QPSK	12	0	22.14	22.33	22.35	22.30	22.17	23	1
5	QPSK	12	7	22.20	22.20	22.36	22.13	22.25		
5	QPSK	12	13	22.05	22.37	22.38	22.27	22.20		
5	QPSK	25	0	22.11	22.20	22.38	22.22	22.22		
5	16QAM	1	0	22.06	22.24	22.34	22.35	22.09	23	1
5	16QAM	1	12	22.10	22.32	22.22	22.34	22.20		
5	16QAM	1	24	22.05	22.21	22.37	22.27	22.12		
5	16QAM	12	0	21.15	21.38	21.47	21.21	21.12	22	2
5	16QAM	12	7	21.12	21.29	21.53	21.30	21.22		
5	16QAM	12	13	21.21	21.25	21.44	21.20	21.21		
5	16QAM	25	0	21.13	21.19	21.47	21.18	21.09		
5	64QAM	1	0	20.89	20.88	21.18	20.88	20.91	22	2
5	64QAM	1	12	20.90	21.07	21.17	21.03	20.79		
5	64QAM	1	24	20.72	21.03	21.06	20.89	20.90		
5	64QAM	12	0	20.11	20.24	20.45	20.31	20.17	21	3
5	64QAM	12	7	20.09	20.21	20.40	20.27	20.13		
5	64QAM	12	13	20.21	20.31	20.41	20.14	20.17		
5	64QAM	25	0	20.03	20.21	20.21	20.12	20.16		
5	256QAM	1	0	17.61	17.59	17.59	17.92	17.69	19	5
5	256QAM	1	12	17.89	17.69	17.92	17.94	17.75		
5	256QAM	1	24	17.92	17.72	17.88	17.79	17.69		
5	256QAM	12	0	17.86	17.91	17.85	17.60	17.84	19	5
5	256QAM	12	7	17.90	17.74	17.59	17.73	17.70		
5	256QAM	12	13	17.65	17.95	17.67	17.92	17.69		
5	256QAM	25	0	17.78	17.91	17.84	17.67	17.60		

Band 41_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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.63	24.70	24.95	24.77	25.05	25.5	0
20	QPSK	1	49	24.62	24.79	25.06	24.73	25.03		
20	QPSK	1	99	24.67	25.13	25.12	24.78	25.10		
20	QPSK	50	0	23.82	24.15	24.14	23.79	24.07	24.5	1
20	QPSK	50	24	23.63	23.79	24.09	23.74	24.06		
20	QPSK	50	50	23.69	23.83	24.09	23.71	24.04		
20	QPSK	100	0	23.66	24.05	24.03	23.81	24.02		
20	16QAM	1	0	23.64	23.86	24.00	23.72	23.97	24.5	1
20	16QAM	1	49	23.70	24.05	23.79	24.01			
20	16QAM	1	99	23.68	23.80	24.08	23.84	24.00		
20	16QAM	50	0	22.59	22.82	23.04	22.82	23.01	23.5	2
20	16QAM	50	24	22.63	22.84	23.05	22.85	23.04		
20	16QAM	50	50	22.72	22.81	23.07	22.88	23.04		
20	16QAM	100	0	22.69	22.77	23.01	22.83	23.00		
20	64QAM	1	0	22.37	22.58	22.72	22.54	22.71	23.5	2
20	64QAM	1	49	22.39	22.57	22.73	22.55	22.79		
20	64QAM	1	99	22.42	22.54	22.80	22.56	22.77		
20	64QAM	50	0	21.57	21.79	21.95	21.85	22.03	22.5	3
20	64QAM	50	24	21.65	21.81	22.02	21.79	22.04		
20	64QAM	50	50	21.74	21.83	21.99	21.81	21.97		
20	64QAM	100	0	21.66	21.77	21.86	21.79	21.99		
20	256QAM	1	0	19.79	19.60	19.86	19.59	19.70	20.5	5
20	256QAM	1	49	19.46	19.52	19.75	19.95	19.62		
20	256QAM	1	99	19.83	19.56	19.77	19.74	19.79		
20	256QAM	50	0	19.78	19.92	19.49	19.65	19.87	20.5	5
20	256QAM	50	24	19.62	19.83	19.77	19.53	19.49		
20	256QAM	50	50	19.74	19.62	19.73	19.93	19.56		
20	256QAM	100	0	19.73	19.58	19.75	19.81	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.60	25.03	24.87	24.82	24.91	25.50	0
15	QPSK	1	37	24.54	25.01	24.83	24.79	24.99		
15	QPSK	1	74	24.61	25.07	24.85	24.88	24.97		
15	QPSK	36	0	23.50	23.95	23.81	23.74	23.94	24.5	1
15	QPSK	36	20	23.50	23.99	23.75	23.75	23.96		
15	QPSK	36	39	23.59	24.02	23.74	23.72	23.95		
15	QPSK	75	0	23.59	23.98	23.81	23.75	23.96		
15	16QAM	1	0	23.63	23.95	23.84	23.74	23.95	24.5	1
15	16QAM	1	37	23.66	23.98	23.76	23.75	23.96		
15	16QAM	1	74	23.65	24.06	23.78	23.73	24.01		
15	16QAM	36	0	22.49	22.91	22.77	22.72	22.92	23.5	2
15	16QAM	36	20	22.51	22.99	22.73	22.69	22.92		
15	16QAM	36	39	22.54	23.01	22.71	22.72	22.91		
15	16QAM	75	0	22.64	23.00	22.74	22.74	22.98		
15	64QAM	1	0	22.35	22.66	22.54	22.42	22.61	23.5	2
15	64QAM	1	37	22.29	22.72	22.51	22.50	22.66		
15	64QAM	1	74	22.30	22.80	22.51	22.43	22.73		
15	64QAM	36	0	21.56	22.00	21.76	21.73	21.95	22.5	3
15	64QAM	36	20	21.53	21.98	21.72	21.70	21.99		
15	64QAM	36	39	21.59	22.00	21.74	21.71	21.94		
15	64QAM	75	0	21.58	21.96	21.73	21.70	21.96		
15	256QAM	1	0	19.49	19.43	19.94	19.45	19.44	20.5	5
15	256QAM	1	37	19.51	19.76	19.46	19.73	19.77		
15	256QAM	1	74	19.88	19.50	19.61	19.62	19.51		
15	256QAM	36	0	19.42	19.63	19.44	19.52	19.58	20.5	5
15	256QAM	36	20	19.73	19.44	19.93	19.64	19.83		
15	256QAM	36	39	19.79	19.83	19.89	19.55	19.88		
15	256QAM	75	0	19.62	19.63	19.90	19.61	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.51	24.96	24.78	24.89	24.91	25.50	0
10	QPSK	1	25	24.45	25.11	24.88	24.73	25.07		
10	QPSK	1	49	24.67	25.10	24.82	24.84	24.93		
10	QPSK	25	0	23.49	23.85	23.75	23.79	24.00	24.5	1
10	QPSK	25	12	23.55	23.96	23.96	23.68	23.87		
10	QPSK	25	25	23.57	24.02	23.82	23.82	23.97		
10	QPSK	50	0	23.62	24.05	23.78	23.83	23.87		
10	16QAM	1	0	23.71	24.01	23.92	23.80	23.96	24.5	1
10	16QAM	1	25	23.59	24.00	23.73	23.80	24.05		
10	16QAM	1	49	23.55	24.11	23.70	23.63	23.95		
10	16QAM	25	0	22.41	22.82	22.84	22.79	22.98	23.5	2
10	16QAM	25	12	22.44	22.91	22.71	22.78	23.01		
10	16QAM	25	25	22.58	23.05	22.78	22.69	22.82		
10	16QAM	50	0	22.71	22.98	22.68	22.68	22.93		
10	64QAM	1	0	22.39	22.67	22.45	22.52	22.57	23.5	2
10	64QAM	1	25	22.34	22.75	22.44	22.45	22.72		
10	64QAM	1	49	22.36	22.83	22.46	22.37	22.68		
10	64QAM	25	0

Band 41_Ant 3

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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.16	25.33	25.57	25.50	25.52	25.7	0
20	QPSK	1	49	25.21	25.41	25.58	25.45	25.55		
20	QPSK	1	99	25.22	25.65	25.64	25.57	25.61		
20	QPSK	50	0	24.18	24.68	24.67	24.57	24.61	24.7	1
20	QPSK	50	24	24.13	24.40	24.61	24.47	24.56		
20	QPSK	50	50	24.10	24.38	24.52	24.51	24.47		
20	QPSK	100	0	24.17	24.59	24.58	24.49	24.57		
20	16QAM	1	0	24.22	24.38	24.38	24.45	24.64	24.7	1
20	16QAM	1	49	24.13	24.45	24.36	24.48	24.55		
20	16QAM	1	99	24.19	24.57	24.32	24.47	24.53		
20	16QAM	50	0	23.13	23.51	23.40	23.49	23.63	23.7	2
20	16QAM	50	24	23.17	23.53	23.44	23.49	23.57		
20	16QAM	50	50	23.25	23.51	23.46	23.53	23.59		
20	16QAM	100	0	23.19	23.47	23.42	23.52	23.58		
20	64QAM	1	0	23.17	23.15	23.13	23.23	23.25	23.7	2
20	64QAM	1	49	23.21	23.19	23.21	23.20	23.23		
20	64QAM	1	99	23.22	23.27	23.22	23.17	23.28		
20	64QAM	50	0	22.14	22.48	22.36	22.46	22.56	22.7	3
20	64QAM	50	24	22.14	22.50	22.42	22.45	22.58		
20	64QAM	50	50	22.25	22.50	22.46	22.51	22.53		
20	64QAM	100	0	22.17	22.42	22.38	22.48	22.53		
20	256QAM	1	0	20.29	20.13	20.24	20.38	20.18	20.7	5
20	256QAM	1	49	20.38	20.19	20.19	20.20	20.17		
20	256QAM	1	99	20.18	20.24	20.27	20.29	20.33		
20	256QAM	50	0	20.30	20.18	20.44	20.10	20.39	20.7	5
20	256QAM	50	24	20.33	20.29	20.31	20.22	20.33		
20	256QAM	50	50	20.19	20.16	20.15	20.33	20.24		
20	256QAM	100	0	20.13	20.19	20.24	20.39	20.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.12	25.15	25.53	25.46	25.52	25.70	0
15	QPSK	1	37	25.08	25.24	25.52	25.63	25.58		
15	QPSK	1	74	25.16	25.20	25.57	25.58	25.61		
15	QPSK	36	0	24.03	24.03	24.46	24.45	24.61	24.7	1
15	QPSK	36	20	24.06	24.05	24.44	24.43	24.56		
15	QPSK	36	39	24.12	24.08	24.47	24.45	24.57		
15	QPSK	75	0	24.10	24.02	24.45	24.45	24.57		
15	16QAM	1	0	24.13	24.13	24.40	24.47	24.64	24.7	1
15	16QAM	1	37	24.10	24.11	24.44	24.48	24.55		
15	16QAM	1	74	24.15	24.09	24.53	24.46	24.53		
15	16QAM	36	0	23.28	23.00	23.41	23.40	23.63	23.7	2
15	16QAM	36	20	23.06	23.04	23.45	23.42	23.57		
15	16QAM	36	39	23.11	23.05	23.42	23.41	23.59		
15	16QAM	75	0	23.10	23.10	23.46	23.49	23.58		
15	64QAM	1	0	23.10	23.21	23.19	23.20	23.25	23.7	2
15	64QAM	1	37	23.11	23.07	23.22	23.11	23.23		
15	64QAM	1	74	23.16	23.13	23.26	23.12	23.28		
15	64QAM	36	0	22.02	22.03	22.44	22.42	22.56	22.7	3
15	64QAM	36	20	22.07	22.03	22.41	22.42	22.58		
15	64QAM	36	39	22.12	22.04	22.48	22.46	22.53		
15	64QAM	75	0	22.06	22.06	22.48	22.43	22.53		
15	256QAM	1	0	20.15	20.14	20.36	20.24	20.27	20.7	5
15	256QAM	1	37	20.15	20.29	20.18	20.30	20.36		
15	256QAM	1	74	20.28	20.23	20.31	20.37	20.12		
15	256QAM	36	0	20.14	20.38	20.41	20.40	20.21	20.7	5
15	256QAM	36	20	20.39	20.14	20.19	20.36	20.29		
15	256QAM	36	39	20.35	20.17	20.20	20.38	20.34		
15	256QAM	75	0	20.39	20.28	20.24	20.34	20.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.10	25.51	25.47	25.48	25.57	25.70	0
10	QPSK	1	25	25.14	25.56	25.50	25.54	25.53		
10	QPSK	1	49	25.17	25.56	25.46	25.47	25.61		
10	QPSK	25	0	24.08	24.43	24.42	24.41	24.57	24.7	1
10	QPSK	25	12	24.07	24.46	24.40	24.47	24.53		
10	QPSK	25	25	24.09	24.48	24.38	24.48	24.57		
10	QPSK	50	0	24.07	24.45	24.40	24.46	24.56		
10	16QAM	1	0	24.07	24.42	24.39	24.44	24.51	24.7	1
10	16QAM	1	25	24.14	24.42	24.36	24.46	24.52		
10	16QAM	1	49	24.09	24.49	24.39	24.47	24.51		
10	16QAM	25	0	23.04	23.50	23.43	23.44	23.57	23.7	2
10	16QAM	25	12	23.09	23.47	23.48	23.48	23.57		
10	16QAM	25	25	23.15	23.51	23.39	23.52	23.58		
10	16QAM	50	0	23.10	23.50	23.44	23.47	23.56		
10	64QAM	1	0	23.09	23.17	23.20	23.18	23.22	23.7	2
10	64QAM	1	25	23.13	23.18	23.16	23.17	23.28		
10	64QAM	1	49	23.12	23.26	23.21	23.11	23.35		
10	64QAM	25	0	22.08	22.46	22.45	22.47	22.58	22.7	3
10	64QAM	25	12	22.11	22.51	22.42	22.51	22.59		
10	64QAM	25	25	22.16	22.53	22.39	22.54	22.58		
10	64QAM	50	0	22.06	22.44	22.35	22.44	22.56		
10	256QAM	1	0	20.44	20.19	20.25	20.11	20.33	20.7	5
10	256QAM	1	25	20.20	20.41	20.27	20.12	20.14		
10	256QAM	1	49	20.24	20.36	20.33	20.43	20.22		
10	256QAM	25	0	20.34	20.23	20.35	20.13	20.35	20.7	5
10	256QAM	25	12	20.33	20.24	20.25	20.25	20.28		
10	256QAM	25	25	20.29	20.10	20.29	20.44	20.40		
10	256QAM	50	0	20.22	20.12	20.24	20.30	20.21		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.11	25.53	25.47	25.44	25.61	25.70	0
5	QPSK	1	12	25.17	25.62	25.48	25.52	25.60		
5	QPSK	1	24	25.13	25.54	25.48	25.45	25.57		
5	QPSK	12	0	24.13	24.42	24.40	24.46	24.47	24.7	1
5	QPSK	12	7	24.04	24.45	24.38	24.44	24.55		
5	QPSK	12	13	24.04	24.49	24.38	24.47	24.54		
5	QPSK	25	0	24.03	24.44	24.37	24.39	24.52		
5	16QAM	1	0	24.07	24.45	24.36	24.42	24.46	24.7	1
5	16QAM	1	12	24.08	24.47	24.41	24.45	24.50		
5	16QAM	1	24	24.05	24.50	24.36	24.50	24.51		
5	16QAM	12	0	23.10	23.41	23.36	23.40	23.43	23.7	2
5	16QAM	12	7	23.04	23.41	23.35	23.39	23.50		
5	16QAM	12	13	23.29	23.41	23.36	23.42	23.48		
5	16QAM	25	0	23.05	23.45	23.41	23.48	23.56		
5	64QAM	1	0	23.16	23.16	23.26	23.18	23.30	23.7	2
5	64QAM	1	12	23.11	23.24	23.24	23.17	23.27		
5	64QAM	1	24	23.15	23.29	23.21	23.14	23.36		
5	64QAM	12	0	22.04	22.42	22.37	22.40	22.50	22.7	3
5	64QAM	12	7	22.05	22.45	22.35	22.47	22.53		
5	64QAM	12	13	22.04	22.44	22.34	22.35	22.47		
5	64QAM	25	0	22.06	22.49	22.42	22.50	22.60		
5	256QAM	1	0	20.27	20.40	20.33	20.44	20.23	20.7	5
5	256QAM	1	12	20.37	20.31	20.38	20.21	20.32		
5	256QAM	1	24	20.34	20.18	20.17	20.21	20.35		
5	256QAM	12	0	20.21	20.28	20.38	20.24	20.45	20.7	5
5	256QAM	12	7	20.14	20.15	20.27	20.12	20.34		
5	256QAM	12	13	20.28	20.45	20.24	20.45	20.25		
5	256QAM	25	0	20.18	20.40	20.39	20.12	20.12		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.04	24.29	24.42	24.31	24.35	25	0
20	QPSK	1	49	24.06	24.30	24.49	24.30	24.35		
20	QPSK	1	99	24.08	24.58	24.56	24.40	24.48		
20	QPSK	50	0	23.08	23.45	23.44	23.39	23.38	24	1
20	QPSK	50	24	23.07	23.32	23.18	23.35	23.37		
20	QPSK	50	50	23.05	23.30	23.18	23.38	23.25		
20	QPSK	100	0	23.05	23.36	23.35	23.21	23.11		
20	16QAM	1	0	23.07	23.29	23.12	23.40	23.42	24	1
20	16QAM	1	49	23.00	23.30	23.14	23.34	23.40		
20	16QAM	1	99	23.09	23.40	23.19	23.34	23.45		
20	16QAM	50	0	22.09	22.32	22.13	22.42	22.37	23	2
20	16QAM	50	24	22.10	22.30	22.17	22.39	22.38		
20	16QAM	50	50	22.07	22.35	22.23	22.40	22.46		
20	16QAM	100	0	22.07	22.30	22.15	22.36	22.39		
20	64QAM	1	0	21.77	21.99	21.83	22.07	22.12	23	2
20	64QAM	1	49	21.75	22.09	21.86	22.11	22.08		
20	64QAM	1	99	21.78	22.12	21.92	22.07	22.16		
20	64QAM	50	0	21.00	21.25	21.14	21.39	21.40	22	3
20	64QAM	50	24	21.08	21.28	21.18	21.32	21.37		
20	64QAM	50	50	21.11	21.37	21.25	21.38	21.44		
20	64QAM	100	0	21.04	21.36	21.14	21.33	21.35		
20	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	5
20	256QAM	1	49	19.57	19.20	19.36	19.41	19.67		
20	256QAM	1	99	19.51	19.60	19.59	19.28	19.32		
20	256QAM	50	0	19.72	19.29	19.57	19.23	19.22	20	5
20	256QAM	50	24	19.64	19.24	19.59	19.70	19.69		
20	256QAM	50	50	19.49	19.20	19.23	19.39	19.36		
20	256QAM	100	0	19.75	19.54	19.29	19.68	19.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.06	24.26	24.10	24.32	24.32	25.00	0
15	QPSK	1	37	24.01	24.37	24.13	24.43	24.38		
15	QPSK	1	74	24.07	24.33	24.19	24.32	24.43		
15	QPSK	36	0	22.98	23.26	23.10	23.32	23.31	24	1
15	QPSK	36	20	22.98	23.24	23.05	23.32	23.32		
15	QPSK	36	39	22.99	23.25	23.08	23.31	23.34		
15	QPSK	75	0	23.01	23.28	23.14	23.32	23.37		
15	16QAM	1	0	23.05	23.33	23.13	23.34	23.35	24	1
15	16QAM	1	37	22.97	23.35	23.15	23.37	23.37		
15	16QAM	1	74	23.00	23.39	23.18	23.34	23.39		
15	16QAM	36	0	21.93	22.19	22.05	22.25	22.30	23	2
15	16QAM	36	20	21.97	22.22	22.02	22.29	22.31		
15	16QAM	36	39	21.93	22.26	22.05	22.32	22.34		
15	16QAM	75	0	22.00	22.26	22.14	22.35	22.38		
15	64QAM	1	0	21.73	22.02	21.83	22.04	22.09	23	2
15	64QAM	1	37	21.71	22.06	21.85	22.12	22.09		
15	64QAM	1	74	21.72	22.12	21.90	22.08	22.14		
15	64QAM	36	0	20.94	21.33	21.14	21.29	21.31	22	3
15	64QAM	36	20	21.01	21.25	21.11	21.30	21.32		
15	64QAM	36	39	21.04	21.29	21.15	21.30	21.35		
15	64QAM	75	0	21.05	21.28	21.12	21.32	21.30	20	5
15	256QAM	1	0	19.75	19.28	19.39	19.23	19.61		
15	256QAM	1	37	19.26	19.65	19.37	19.40	19.39		
15	256QAM	1	74	19.56	19.45	19.29	19.36	19.69		
15	256QAM	36	0	19.71	19.62	19.58	19.25	19.64	20	5
15	256QAM	36	20	19.75	19.39	19.69	19.74	19.53		
15	256QAM	36	39	19.26	19.29	19.28	19.41	19.28		
15	256QAM	75	0	19.71	19.53	19.34	19.53	19.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.10	24.29	24.12	24.30	24.35	25.00	0
10	QPSK	1	25	24.04	24.25	24.14	24.32	24.40		
10	QPSK	1	49	24.03	24.36	24.14	24.31	24.46		
10	QPSK	25	0	23.03	23.24	23.14	23.31	23.31	24	1
10	QPSK	25	12	22.95	23.26	23.12	23.33	23.36		
10	QPSK	25	25	22.92	23.25	23.06	23.31	23.39		
10	QPSK	50	0	22.97	23.29	23.15	23.38	23.40		
10	16QAM	1	0	22.97	23.27	23.13	23.41	23.38	24	1
10	16QAM	1	25	23.01	23.31	23.12	23.35	23.43		
10	16QAM	1	49	22.96	23.36	23.18	23.39	23.41		
10	16QAM	25	0	22.05	22.26	22.16	22.34	22.33	23	2
10	16QAM	25	12	21.98	22.27	22.14	22.33	22.42		
10	16QAM	25	25	21.93	22.26	22.15	22.35	22.41		
10	16QAM	50	0	21.96	22.25	22.12	22.35	22.36		
10	64QAM	1	0	21.68	21.99	21.86	22.05	22.07	23	2
10	64QAM	1	25	21.67	22.00	21.87	22.08	22.13		
10	64QAM	1	49	21.66	22.07	21.77	21.99	22.10		
10	64QAM	25	0	21.01	21.32	21.18	21.38	21.38	22	3
10	64QAM	25	12	21.04	21.28	21.22	21.36	21.35		
10	64QAM	25	25	21.06	21.33	21.19	21.39	21.43		
10	64QAM	50	0	21.01	21.29	21.15	21.32	21.38		
10	256QAM	1	0	19.56	19.71	19.39	19.33	19.32	20	5
10	256QAM	1	25	19.63	19.65	19.69	19.34	19.40		
10	256QAM	1	49	19.69	19.38	19.73	19.38	19.59		
10	256QAM	25	0	19.25	19.25	19.24	19.70	19.24	20	5
10	256QAM	25	12	19.72	19.58	19.21	19.33	19.41		
10	256QAM	25	25	19.44	19.44	19.49	19.57	19.48		
10	256QAM	50	0	19.75	19.58	19.37	19.33	19.24		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.10	24.36	24.21	24.35	24.39	25.00	0
5	QPSK	1	12	24.04	24.34	24.23	24.42	24.31		
5	QPSK	1	24	24.13	24.39	24.25	24.35	24.43		
5	QPSK	12	0	23.06	23.26	23.10	23.29	23.35	24	1
5	QPSK	12	7	23.02	23.26	23.12	23.37	23.37		
5	QPSK	12	13	22.96	23.26	23.10	23.34	23.36		
5	QPSK	25	0	23.02	23.27	23.10	23.33	23.36		
5	16QAM	1	0	22.99	23.36	23.14	23.36	23.41	24	1
5	16QAM	1	12	23.04	23.32	23.12	23.42	23.36		
5	16QAM	1	24	23.01	23.41	23.18	23.37	23.35		
5	16QAM	12	0	21.99	22.22	22.06	22.24	22.27	23	2
5	16QAM	12	7	21.93	22.24	22.03	22.29	22.31		
5	16QAM	12	13	21.90	22.21	22.04	22.27	22.29		
5	16QAM	25	0	22.05	22.29	22.11	22.32	22.37		
5	64QAM	1	0	21.80	22.01	21.91	22.04	22.05	23	2
5	64QAM	1	12	21.73	22.07	21.93	21.99	22.10		
5	64QAM	1	24	21.75	22.07	21.88	21.99	22.01		
5	64QAM	12	0	21.07	21.27	21.15	21.32	21.32	22	3
5	64QAM	12	7	21.01	21.26	21.09	21.30	21.34		
5	64QAM	12	13	20.95	21.15	21.16	21.27	21.31		
5	64QAM	25	0	21.06	21.37	21.19	21.36	21.42		
5	256QAM	1	0	19.58	19.70	19.65	19.32	19.39	20	5
5	256QAM	1	12	19.64	19.63	19.46	19.66	19.31		
5	256QAM	1	24	19.32	19.21	19.43	19.37	19.34		
5	256QAM	12	0	19.65	19.20	19.56	19.70	19.34	20	5
5	256QAM	12	7	19.24	19.73	19.44	19.60	19.65		
5	256QAM	12	13	19.64	19.37	19.33	19.73	19.49		
5	256QAM	25	0	19.45	19.20	19.39	19.64	19.26		

Reduced power level for WWAN

DSI 0

GSM850_Ant 0	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	32.78	32.84	32.77	34.00	23.78	23.84	23.77	25.00
GPRS 1 Tx slot	33.03	33.01	33.00	34.00	24.03	24.01	24.00	25.00
GPRS 2 Tx slots	29.76	29.75	29.78	31.00	23.76	23.75	23.78	25.00
GPRS 3 Tx slots	27.74	27.85	27.81	29.20	23.48	23.59	23.55	24.94
GPRS 4 Tx slots	26.26	26.33	26.32	28.00	23.26	23.33	23.32	25.00
EDGE 1 Tx slot	27.16	27.09	27.11	28.00	18.16	18.09	18.11	19.00
EDGE 2 Tx slots	23.94	23.91	24.19	25.00	17.94	17.91	18.19	19.00
EDGE 3 Tx slots	22.07	22.02	22.31	23.20	17.81	17.76	18.05	18.94
EDGE 4 Tx slots	20.58	20.56	20.67	22.00	17.58	17.56	17.67	19.00

GSM850_Ant 1	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	27.54	27.57	27.63	29.00	18.54	18.57	18.63	20.00
GPRS 1 Tx slot	27.64	27.63	27.69	29.00	18.64	18.63	18.69	20.00
GPRS 2 Tx slots	24.44	24.42	24.58	26.00	18.44	18.42	18.58	20.00
GPRS 3 Tx slots	22.49	22.51	22.63	24.20	18.23	18.25	18.37	19.94
GPRS 4 Tx slots	21.09	21.12	21.01	23.00	18.09	18.12	18.01	20.00
EDGE 1 Tx slot	21.64	21.45	21.50	23.00	12.64	12.45	12.50	14.00
EDGE 2 Tx slots	18.32	18.32	18.41	20.00	12.32	12.32	12.41	14.00
EDGE 3 Tx slots	16.61	16.44	16.34	18.20	12.35	12.18	12.08	13.94
EDGE 4 Tx slots	15.17	15.12	15.05	17.00	12.17	12.12	12.05	14.00

GSM1900_Ant 2	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	30.50	30.49	30.31	31.00	21.50	21.49	21.31	22.00
GPRS 1 Tx slot	30.40	30.42	30.38	31.00	21.40	21.42	21.38	22.00
GPRS 2 Tx slots	27.08	27.18	27.03	28.00	21.08	21.18	21.03	22.00
GPRS 3 Tx slots	25.03	25.15	25.08	26.20	20.77	20.89	20.82	21.94
GPRS 4 Tx slots	23.52	23.66	23.53	25.00	20.52	20.66	20.53	22.00
EDGE 1 Tx slot	26.09	26.24	26.01	26.50	17.09	17.24	17.01	17.50
EDGE 2 Tx slots	22.82	23.11	22.87	23.50	16.82	17.11	16.87	17.50
EDGE 3 Tx slots	20.83	21.20	20.94	21.70	16.57	16.94	16.68	17.44
EDGE 4 Tx slots	19.19	19.38	19.16	20.50	16.19	16.38	16.16	17.50

GSM1900_Ant 5	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	24.71	24.76	24.79	26.00	15.71	15.76	15.79	17.00
GPRS 1 Tx slot	24.46	24.53	24.32	26.00	15.46	15.53	15.32	17.00
GPRS 2 Tx slots	21.21	21.31	21.23	23.00	15.21	15.31	15.23	17.00
GPRS 3 Tx slots	19.43	19.41	19.26	21.20	15.17	15.15	15.00	16.94
GPRS 4 Tx slots	18.21	18.32	18.31	20.00	15.21	15.32	15.31	17.00
EDGE 1 Tx slot	21.22	21.01	20.87	21.50	12.22	12.01	11.87	12.50
EDGE 2 Tx slots	17.76	17.51	17.74	18.50	11.76	11.51	11.74	12.50
EDGE 3 Tx slots	15.58	15.63	15.50	16.70	11.32	11.37	11.24	12.44
EDGE 4 Tx slots	14.04	14.06	14.01	15.50	11.04	11.06	11.01	12.50

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.05	24.09	24.07	25.00	17.32	17.33	17.26	19.00
3GPP Rel 99	RMC 12.2Kbps	24.07	24.11	24.08	25.00	17.35	17.36	17.27	19.00
3GPP Rel 6	HSDPA Subtest-1	23.04	23.15	23.09	24.00	16.44	16.46	16.34	18.00
3GPP Rel 6	HSDPA Subtest-2	23.03	23.05	23.00	24.00	16.41	16.41	16.44	18.00
3GPP Rel 6	HSDPA Subtest-3	22.65	22.76	22.63	23.50	15.94	15.98	15.81	17.50
3GPP Rel 6	HSDPA Subtest-4	22.59	22.70	22.66	23.50	15.91	15.95	15.91	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.00	23.05	23.04	24.00	16.21	16.19	16.27	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.99	23.03	22.97	24.00	16.12	16.22	16.15	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.59	22.62	22.58	23.50	15.80	15.97	15.70	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.57	22.55	22.55	23.50	15.96	15.91	15.88	17.50
3GPP Rel 6	HSUPA Subtest-1	19.90	19.91	19.92	24.00	13.42	13.48	13.41	18.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.89	19.85	22.00	13.41	13.45	13.45	16.00
3GPP Rel 6	HSUPA Subtest-3	20.92	20.95	20.98	23.00	14.62	14.61	14.76	17.00
3GPP Rel 6	HSUPA Subtest-4	19.39	19.44	19.41	22.00	12.94	13.11	12.96	16.00
3GPP Rel 6	HSUPA Subtest-5	20.90	20.90	20.90	24.00	14.56	14.51	14.52	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.83	19.91	19.76	21.50	13.25	13.36	13.38	15.50

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 5			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.97	24.10	24.05	25.00	17.16	17.33	17.23	19.00
3GPP Rel 99	RMC 12.2Kbps	23.99	24.11	24.06	25.00	17.18	17.34	17.26	19.00
3GPP Rel 6	HSDPA Subtest-1	23.06	23.23	23.20	24.00	16.34	16.51	16.46	18.00
3GPP Rel 6	HSDPA Subtest-2	23.02	23.16	23.12	24.00	16.41	16.48	16.36	18.00
3GPP Rel 6	HSDPA Subtest-3	22.55	22.69	22.67	23.50	15.92	16.05	15.89	17.50
3GPP Rel 6	HSDPA Subtest-4	22.54	22.69	22.59	23.50	15.74	16.05	15.96	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.02	22.96	24.00	16.35	16.22	16.17	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.98	23.00	23.01	24.00	16.32	16.37	16.36	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.50	22.51	22.49	23.50	15.74	15.72	15.89	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.55	22.48	22.50	23.50	15.75	15.85	15.76	17.50
3GPP Rel 6	HSUPA Subtest-1	20.80	20.92	20.88	24.00	14.12	14.19	14.16	18.00
3GPP Rel 6	HSUPA Subtest-2	20.77	20.90	20.87	22.00	14.07	14.20	14.24	16.00
3GPP Rel 6	HSUPA Subtest-3	21.81	21.98	21.91	23.00	15.11	15.32	15.15	17.00
3GPP Rel 6	HSUPA Subtest-4	20.35	20.48	20.37	22.00	13.69	13.85	13.57	16.00
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	21.90	24.00	15.04	15.14	15.12	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.06	20.23	20.15	21.50	13.95	13.99	13.97	15.50

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.74	23.76	23.64	25.00	19.01	19.03	19.00	21.00
3GPP Rel 99	RMC 12.2Kbps	23.76	23.78	23.67	25.00	19.05	19.06	19.01	21.00
3GPP Rel 6	HSDPA Subtest-1	22.72	22.82	22.80	24.00	18.05	18.04	18.09	20.00
3GPP Rel 6	HSDPA Subtest-2	22.78	22.75	22.86	24.00	18.04	18.06	18.01	20.00
3GPP Rel 6	HSDPA Subtest-3	22.24	22.38	22.32	23.50	17.59	17.59	17.52	19.50
3GPP Rel 6	HSDPA Subtest-4	22.27	22.35	22.31	23.50	17.52	17.53	17.55	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.74	22.76	22.78	24.00	18.03	18.03	18.10	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.70	22.73	22.71	24.00	18.04	18.00	18.22	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.21	22.28	22.19	23.50	17.59	17.50	17.55	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.23	22.22	22.20	23.50	17.53	17.60	17.57	19.50
3GPP Rel 6	HSUPA Subtest-1	19.55	19.72	19.68	24.00	14.99	15.21	15.04	20.00
3GPP Rel 6	HSUPA Subtest-2	17.68	17.76	17.71	22.00	13.01	13.10	13.00	18.00
3GPP Rel 6	HSUPA Subtest-3	18.69	18.85	18.77	23.00	14.04	14.14	14.19	19.00
3GPP Rel 6	HSUPA Subtest-4	19.13	19.22	19.16	22.00	14.64	14.71	14.52	18.00
3GPP Rel 6	HSUPA Subtest-5	20.70	20.80	20.80	24.00	16.09	16.14	16.08	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.02	18.85	18.92	21.50	13.86	14.07	14.08	17.50

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)	MPR (dB)
Channel				18700	18800	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.81	23.71	23.64		
20	QPSK	1	49	23.68	23.62	23.58	24.5	0
20	QPSK	1	99	23.63	23.60	23.56		
20	QPSK	50	0	22.73	22.65	22.60		
20	QPSK	50	24	22.65	22.62	22.53	23.5	1
20	QPSK	50	50	22.65	22.55	22.51		
20	QPSK	100	0	22.65	22.56	22.53		
20	16QAM	1	0	23.13	22.92	22.89		
20	16QAM	1	49	22.77	22.86	22.87	23.5	1
20	16QAM	1	99	22.81	22.71	22.93		
20	16QAM	50	0	21.70	21.67	21.71		
20	16QAM	50	24	21.68	21.63	21.64	22.5	2
20	16QAM	50	50	21.67	21.54	21.62		
20	16QAM	100	0	21.57	21.55	21.58		
20	64QAM	1	0	21.63	21.67	21.58		
20	64QAM	1	49	21.54	21.52	21.63	22.5	2
20	64QAM	1	99	21.53	21.48	21.57		
20	64QAM	50	0	20.68	20.62	20.63		
20	64QAM	50	24	20.67	20.61	20.58	21.5	3
20	64QAM	50	50	20.65	20.51	20.58		
20	64QAM	100	0	20.60	20.52	20.62		
20	256QAM	1	0	18.65	18.61	18.57		
20	256QAM	1	49	18.60	18.60	18.61	19.5	5
20	256QAM	1	99	18.61	18.60	18.68		
20	256QAM	50	0	18.51	18.53	18.55		
20	256QAM	50	24	18.57	18.52	18.59	19.5	5
20	256QAM	50	50	18.55	18.49	18.58		
20	256QAM	100	0	18.52	18.44	18.61		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.77	23.80	23.60		
15	QPSK	1	37	23.72	23.72	23.47	24.5	0
15	QPSK	1	74	23.72	23.48	23.59		
15	QPSK	36	0	22.65	22.61	22.51		
15	QPSK	36	20	22.61	22.61	22.59	23.5	1
15	QPSK	36	39	22.57	22.62	22.55		
15	QPSK	75	0	22.58	22.53	22.66		
15	16QAM	1	0	23.08	23.12	23.13		
15	16QAM	1	37	23.02	23.03	22.98	23.5	1
15	16QAM	1	74	23.00	22.98	23.04		
15	16QAM	36	0	21.64	21.64	21.53		
15	16QAM	36	20	21.65	21.55	21.63	22.5	2
15	16QAM	36	39	21.65	21.49	21.55		
15	16QAM	75	0	21.60	21.55	21.54		
15	64QAM	1	0	21.97	21.78	21.87		
15	64QAM	1	37	21.83	21.71	21.82	22.5	2
15	64QAM	1	74	21.89	21.63	21.83		
15	64QAM	36	0	20.64	20.65	20.54		
15	64QAM	36	20	20.59	20.64	20.58	21.5	3
15	64QAM	36	39	20.58	20.54	20.56		
15	64QAM	75	0	20.58	20.60	20.46		
15	256QAM	1	0	18.38	18.47	18.53		
15	256QAM	1	37	18.23	18.38	18.44	19.5	5
15	256QAM	1	74	18.65	18.57	18.21		
15	256QAM	36	0	18.59	18.58	18.37		
15	256QAM	36	20	18.29	18.29	18.47	19.5	5
15	256QAM	36	39	18.56	18.55	18.44		
15	256QAM	75	0	18.22	18.20	18.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.69	23.56	23.59		
10	QPSK	1	25	23.63	23.47	23.42	24.5	0
10	QPSK	1	49	23.56	23.49	23.51		
10	QPSK	25	0	22.59	22.56	22.50		
10	QPSK	25	12	22.66	22.60	22.56	23.5	1
10	QPSK	25	25	22.59	22.60	22.45		
10	QPSK	50	0	22.63	22.53	22.52		
10	16QAM	1	0	22.77	22.42	22.56		
10	16QAM	1	25	22.69	22.36	22.51	23.5	1
10	16QAM	1	49	22.43	22.38	22.47		
10	16QAM	25	0	21.65	21.64	21.52		
10	16QAM	25	12	21.64	21.58	21.53	22.5	2
10	16QAM	25	25	21.58	21.47	21.50		
10	16QAM	50	0	21.67	21.57	21.47		
10	64QAM	1	0	22.02	21.88	21.54		
10	64QAM	1	25	21.91	21.84	21.48	22.5	2
10	64QAM	1	49	21.90	21.86	21.56		
10	64QAM	25	0	20.53	20.46	20.46		
10	64QAM	25	12	20.59	20.45	20.53	21.5	3
10	64QAM	25	25	20.49	20.45	20.46		
10	64QAM	50	0	20.60	20.59	20.55		
10	256QAM	1	0	18.38	18.51	18.49		
10	256QAM	1	25	18.41	18.53	18.23	19.5	5
10	256QAM	1	49	18.52	18.23	18.47		
10	256QAM	25	0	18.54	18.28	18.39		
10	256QAM	25	12	18.37	18.65	18.62	19.5	5
10	256QAM	25	25	18.63	18.20	18.21		
10	256QAM	50	0	18.52	18.33	18.42		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.62	23.51	23.53		
5	QPSK	1	12	23.53	23.43	23.63	24.5	0
5	QPSK	1	24	23.52	23.48	23.59		
5	QPSK	12	0	22.67	22.55	22.54		
5	QPSK	12	7	22.62	22.54	22.59	23.5	1
5	QPSK	12	13	22.56	22.52	22.49		
5	QPSK	25	0	22.56	22.56	22.46		
5	16QAM	1	0	22.69	22.93	22.82		
5	16QAM	1	12	22.64	23.01	22.86	23.5	1
5	16QAM	1	24	22.60	22.92	22.83		
5	16QAM	12	0	21.67	21.64	21.55		
5	16QAM	12	7	21.62	21.58	21.55	22.5	2
5	16QAM	12	13	21.55	21.54	21.53		
5	16QAM	25	0	21.50	21.56	21.60		
5	64QAM	1	0	21.86	21.85	21.85		
5	64QAM	1	12	21.84	21.87	21.82	22.5	2
5	64QAM	1	24	21.82	21.81	21.87		
5	64QAM	12	0	20.70	20.54	20.60		
5	64QAM	12	7	20.55	20.50	20.51	21.5	3
5	64QAM	12	13	20.64	20.48	20.50		
5	64QAM	25	0	20.56	20.44	20.52		
5	256QAM	1	0	18.39	18.49	18.35		
5	256QAM	1	12	18.65	18.42	18.38	19.5	5
5	256QAM	1	24	18.32	18.23	18.64		
5	256QAM	12	0	18.23	18.54	18.53		
5	256QAM	12	7	18.25	18.61	18.49	19.5	5
5	256QAM	12	13	18.44	18.62	18.34		
5	256QAM	25	0	18.38	18.49	18.37		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.74	23.40	23.37		
3	QPSK	1	8	23.79	23.52	23.48	24.5	0
3	QPSK	1	14	23.65	23.54	23.40		
3	QPSK	8	0	22.55	22.62	22.49		
3	QPSK	8	4	22.54	22.51	22.52	23.5	1
3	QPSK	8	7	22.56	22.52	22.50		
3	QPSK	15	0	22.53	22.49	22.50		
3	16QAM	1	0	23.09	22.74	22.76		
3	16QAM	1	8	23.05	22.80	22.80	23.5	1
3	16QAM	1	14	23.01	22.74	22.76		
3	16QAM	8	0	21.62	21.60	21.52		
3	16QAM	8	4	21.60	21.62	21.49	22.5	2
3	16QAM	8	7	21.68	21.58	21.48		
3	16QAM	15	0	21.69	21.57	21.64		
3	64QAM	1	0	21.34	21.55	21.48		
3	64QAM	1	8	21.59	21.56	21.48	22.5	2
3	64QAM	1	14	21.53	21.54	21.48		
3	64QAM	8	0	20.43	20.44	20.51		
3	64QAM	8	4	20.50	20.46	20.53	21.5	3
3	64QAM	8	7	20.53	20.46	20.56		
3	64QAM	15	0	20.73	20.55	20.47		
3	256QAM	1	0	18.44	18.62	18.38		
3	256QAM	1	8	18.28	18.48	18.43	19.5	5
3	256QAM	1	14	18.25	18.32	18.59		
3	256QAM	8	0	18.38	18.54	18.57		
3	256QAM	8	4	18.28	18.63	18.23	19.5	5
3	256QAM	8	7	18.20	18.27	18.28		
3	256QAM	15	0	18.27	18.42	18.52		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.65	23.61	23.57		
1.4	QPSK	1	3	23.75	23.63	23.49		
1.4	QPSK	1	5	23.78	23.60	23.64	24.5	0
1.4	QPSK	3	0	23.51	23.46	23.37		
1.4	QPSK	3	1	23.52	23.43	23.40		
1.4	QPSK	3	3	23.52	23.43	23.42		
1.4	QPSK	6	0	22.58	22.58	22.49	24.5	0
1.4	16QAM	1	0	22.90	22.90	22.88		
1.4	16QAM	1	3	22.94	22.93	22.94		
1.4	16QAM	1	5	22.97	22.87	23.04	24.5	0
1.4	16QAM	3	0	22.50	22.57	22.58		
1.4	16QAM	3	1	22.59	22.53	22.57		
1.4	16QAM	3	3	22.59	22.50	22.54		
1.4	16QAM	6	0	21.72	21.65	21.47	24.5	0
1.4	64QAM	1	0	21.86	21.63	21.59		
1.4	64QAM	1	3	21.87	21.78	21.58		
1.4	64QAM	1	5	21.89	21.85	21.55	24.5	0
1.4	64QAM	3	0	21.74	21.68	21.77		
1.4	64QAM	3	1	21.72	21.72	21.70		
1.4	64QAM	3	3	21.67	21.63	21.81		
1.4	64QAM	6	0	20.50	20.51	20.44	24.5	0
1.4	256QAM	1	0	18.44	18.25	18.58		
1.4	256QAM	1	3	18.53	18.34	18.55		
1.4	256QAM	1	5	18.20	18.56	18.21	24.5	0
1.4	256QAM	3	0	18.55	18.48	18.59		
1.4	256QAM	3	1	18.62	18.40	18.21		
1.4	256QAM	3	3	18.43	18.53	18.31		
1.4	256QAM	6	0	18.60	18.46	18.20	24.5	0

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.21	16.11	16.08		
20	QPSK	1	49	16.07	16.05	16.00	17.5	0
20	QPSK	1	99	16.01	16.02	16.05		
20	QPSK	50	0	16.19	16.17	16.16		
20	QPSK	50	24	16.14	16.08	16.11	17.5	0
20	QPSK	50	50	16.17	15.97	16.14		
20	QPSK	100	0	16.11	16.07	16.10		
20	16QAM	1	0	16.00	16.07	16.11		
20	16QAM	1	49	15.96	16.02	16.03	17.5	0
20	16QAM	1	99	15.85	16.05	16.02		
20	16QAM	50	0	15.89	15.94	15.83		
20	16QAM	50	24	15.84	15.82	15.85	17.5	0
20	16QAM	50	50	15.87	15.69	15.85		
20	16QAM	100	0	15.80	15.71	15.79		
20	64QAM	1	0	16.18	15.90	15.97		
20	64QAM	1	49	16.08	15.82	16.03	17.5	0
20	64QAM	1	99	16.07	15.76	15.97		
20	64QAM	50	0	15.99	15.79	15.90		
20	64QAM	50	24	15.82	15.80	15.85	17.5	0
20	64QAM	50	50	15.82	15.67	15.88		
20	64QAM	100	0	15.82	15.80	15.79		
20	256QAM	1	0	15.87	15.70	15.69		
20	256QAM	1	49	15.70	15.68	15.71	17.5	0
20	256QAM	1	99	15.71	15.65	15.80		
20	256QAM	50	0	15.79	15.63	15.77		
20	256QAM	50	24	15.77	15.76	15.76	17.5	0
20	256QAM	50	50	15.80	15.57	15.83		
20	256QAM	100	0	15.73	15.62	15.69		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.03	15.93	15.76		
15	QPSK	1	37	15.91	15.92	15.78	17.5	0
15	QPSK	1	74	15.84	15.89	15.89		
15	QPSK	36	0	16.12	15.96	16.03		
15	QPSK	36	20	16.09	15.95	16.03	17.5	0
15	QPSK	36	39	15.94	15.79	16.11		
15	QPSK	75	0	16.01	15.89	16.00		
15	16QAM	1	0	16.13	16.17	16.18		
15	16QAM	1	37	16.08	16.08	16.16	17.5	0
15	16QAM	1	74	16.01	16.11	16.12		
15	16QAM	36	0	16.00	15.94	15.97		
15	16QAM	36	20	16.07	15.95	16.05	17.5	0
15	16QAM	36	39	16.07	15.74	16.08		
15	16QAM	75	0	15.98	15.90	16.00		
15	64QAM	1	0	16.10	16.01	16.03		
15	64QAM	1	37	16.16	16.07	16.17	17.5	0
15	64QAM	1	74	16.14	15.96	16.09		
15	64QAM	36	0	16.13	15.90	15.99		
15	64QAM	36	20	16.01	15.93	16.07	17.5	0
15	64QAM	36	39	15.96	15.78	15.95		
15	64QAM	75	0	16.01	15.95	15.97		
15	256QAM	1	0	15.95	15.93	15.91		
15	256QAM	1	37	15.85	15.92	15.76	17.5	0
15	256QAM	1	74	15.92	15.89	15.90		
15	256QAM	36	0	15.85	15.69	16.01		
15	256QAM	36	20	15.87	15.99	16.00	17.5	0
15	256QAM	36	39	15.97	15.67	15.90		
15	256QAM	75	0	15.88	15.67	15.91		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.07	15.74	15.74		
10	QPSK	1	25	15.91	15.89	15.84	17.5	0
10	QPSK	1	49	15.79	15.83	15.87		
10	QPSK	25	0	16.12	15.87	15.94		
10	QPSK	25	12	15.92	15.93	15.95	17.5	0
10	QPSK	25	25	16.02	15.82	16.02		
10	QPSK	50	0	16.02	15.88	16.00		
10	16QAM	1	0	16.12	16.15	16.17		
10	16QAM	1	25	16.07	16.17	16.10	17.5	0
10	16QAM	1	49	16.07	16.16	16.17		
10	16QAM	25	0	16.12	15.90	16.06		
10	16QAM	25	12	16.01	15.95	16.03	17.5	0
10	16QAM	25	25	16.06	15.83	15.90		
10	16QAM	50	0	15.96	15.77	15.86		
10	64QAM	1	0	16.12	16.11	16.16		
10	64QAM	1	25	16.14	15.94	16.11	17.5	0
10	64QAM	1	49	16.15	15.96	16.02		
10	64QAM	25	0	15.99	16.01	16.09		
10	64QAM	25	12	15.89	15.90	16.05	17.5	0
10	64QAM	25	25	15.93	15.73	15.99		
10	64QAM	50	0	15.94	16.01	16.03		
10	256QAM	1	0	15.98	15.89	15.90		
10	256QAM	1	25	15.86	15.75	15.88	17.5	0
10	256QAM	1	49	15.83	15.90	15.92		
10	256QAM	25	0	15.84	15.77	16.01		
10	256QAM	25	12	15.92	15.97	16.01	17.5	0
10	256QAM	25	25	15.95	15.62	15.94		
10	256QAM	50	0	15.79	15.80	15.77		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.09	15.91	15.79		
5	QPSK	1	12	15.87	15.82	15.85	17.5	0
5	QPSK	1	24	15.87	15.88	15.92		
5	QPSK	12	0	16.02	15.96	15.98		
5	QPSK	12	7	15.96	15.94	15.94	17.5	0
5	QPSK	12	13	15.97	15.77	16.02		
5	QPSK	25	0	16.02	15.85	16.00		
5	16QAM	1	0	16.07	16.15	16.16		
5	16QAM	1	12	16.12	16.17	16.12	17.5	0
5	16QAM	1	24	15.96	16.17	16.13		
5	16QAM	12	0	16.11	16.03	15.91		
5	16QAM	12	7	16.04	15.98	16.06	17.5	0
5	16QAM	12	13	15.93	15.98	15.98		
5	16QAM	25	0	16.02	15.94	15.86		
5	64QAM	1	0	16.15	16.11	16.12		
5	64QAM	1	12	16.16	16.06	16.15	17.5	0
5	64QAM	1	24	16.19	15.91	16.06		
5	64QAM	12	0	16.20	15.95	16.13		
5	64QAM	12	7	16.01	15.89	15.99	17.5	0
5	64QAM	12	13	15.87	15.92	16.13		
5	64QAM	25	0	16.03	15.92	16.03		
5	256QAM	1	0	16.07	15.88	15.88		
5	256QAM	1	12	15.78	15.85	15.96	17.5	0
5	256QAM	1	24	15.81	15.80	16.04		
5	256QAM	25	0	15.96	15.71	15.87		
5	256QAM	12	7	15.86	15.99	15.93	17.5	0
5	256QAM	12	13	16.05	15.66	16.03		
5	256QAM	25	0	15.87	15.71	15.84		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.05	15.90	15.79		
3	QPSK	1	8	15.89	15.83	15.78	17.5	0
3	QPSK	1	14	15.78	15.80	15.89		
3	QPSK	8	0	16.05	15.88	15.99		
3	QPSK	8	4	15.89	15.88	16.00	17.5	0
3	QPSK	8	7	15.99	15.77	16.10		
3	QPSK	15	0	16.03	15.83	15.96		
3	16QAM	1	0	16.11	16.21	16.18		
3	16QAM	1	8	16.04	16.08	16.20	17.5	0
3	16QAM	1	14	16.01	16.11	16.15		
3	16QAM	8	0	15.96	16.04	16.05		
3	16QAM	8	4	15.94	15.97	15.94	17.5	0
3	16QAM	8	7	16.04	15.81	15.94		
3	16QAM	15	0	15.99	15.79	15.87		
3	64QAM	1	0	16.17	15.95	16.07		
3	64QAM	1	8	16.16	16.04	16.15	17.5	0
3	64QAM	1	14	16.19	16.01	16.15		
3	64QAM	8	0	16.01	15.89	16.09		
3	64QAM	8	4	15.91	15.78	16.02	17.5	0
3	64QAM	8	7	15.99	16.02	15.92		
3	64QAM	15	0	15.94	15.77	15.85		
3	256QAM	1	0	15.90	15.78	15.94	17.5	0
3	256QAM	1	8	15.81	15.74	16.04		
3	256QAM	1	14	15.75	15.74	16.04		
3	256QAM	8	0	15.93	15.71	15.82		
3	256QAM	8	4	15.87	15.90	15.91	17.5	0
3	256QAM	8	7	16.04	15.78	15.98		
3	256QAM	15	0	15.83	15.83	15.83		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.07	15.86	15.77		
1.4	QPSK	1	3	15.82	15.85	15.83		
1.4	QPSK	1	5	15.83	15.84	15.91	17.5	0
1.4	QPSK	3	0	16.00	15.87	16.02		
1.4	QPSK	3	1	15.91	15.88	16.02		
1.4	QPSK	3	3	15.97	15.78	16.08		
1.4	QPSK	6	0	16.05	15.88	15.95	17.5	0
1.4	16QAM	1	0	16.05	16.15	16.15		
1.4	16QAM	1	3	16.09	16.11	16.15		
1.4	16QAM	1	5	16.01	16.13	16.13	17.5	0
1.4	16QAM	3	0	16.04	16.00	15.95		
1.4	16QAM	3	1	16.03	16.03	15.94		
1.4	16QAM	3	3	15.97	15.76	15.96		
1.4	16QAM	6	0	15.97	15.96	16.02	17.5	0
1.4	64QAM	1	0	16.16	16.01	16.19		
1.4	64QAM	1	3	16.15	16.03	16.12		
1.4	64QAM	1	5	16.12	15.96	16.06	17.5	0
1.4	64QAM	3	0	16.14	15.89	15.98		
1.4	64QAM	3	1	15.96	15.94	15.94		
1.4	64QAM	3	3	15.93	15.82	16.02		
1.4	64QAM	6	0	16.06	15.89	15.92	17.5	0
1.4	256QAM	1	0	16.02	15.95	15.80		
1.4	256QAM	1	3	15.90	15.76	15.87		
1.4	256QAM	1	5	15.81	15.85	15.89	17.5	0
1.4	256QAM	3	0	16.04	15.87	16.01		
1.4	256QAM	3	1	15.96	15.88	15.96		
1.4	256QAM	3	3	15.86	15.68	15.93		
1.4	256QAM	6	0	15.91	15.72	15.75	17.5	0

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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.14	23.68	23.45		
20	QPSK	1	49	23.05	23.43	23.15	24.5	0
20	QPSK	1	99	23.06	23.20	23.20		
20	QPSK	50	0	22.41	22.53	22.27		
20	QPSK	50	24	22.32	22.45	22.22	23.5	1
20	QPSK	50	50	22.33	22.48	22.17		
20	QPSK	100	0	22.29	22.54	22.37		
20	16QAM	1	0	22.37	22.48	22.13		
20	16QAM	1	49	22.37	22.48	22.21	23.5	1
20	16QAM	1	99	22.71	22.40	22.

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.99	18.01	18.00		
20	QPSK	1	49	17.81	17.82	17.93	18.2	0
20	QPSK	1	99	17.79	17.76	17.86		
20	QPSK	50	0	17.84	17.96	17.86		
20	QPSK	50	24	17.83	17.91	17.78	18.2	0
20	QPSK	50	50	17.76	17.91	17.77		
20	QPSK	100	0	17.83	17.88	17.88		
20	16QAM	1	0	18.00	17.97	17.85		
20	16QAM	1	49	17.82	17.84	17.51	18.2	0
20	16QAM	1	99	18.00	17.91	17.78		
20	16QAM	50	0	17.49	17.76	17.53		
20	16QAM	50	24	17.59	17.70	17.62	18.2	0
20	16QAM	50	50	17.54	17.76	17.61		
20	16QAM	100	0	17.66	17.72	17.66		
20	64QAM	1	0	17.45	17.86	17.74		
20	64QAM	1	49	17.77	17.92	17.70	18.2	0
20	64QAM	1	99	17.27	17.90	17.73		
20	64QAM	50	0	17.60	17.69	17.62		
20	64QAM	50	24	17.66	17.69	17.21	18.2	0
20	64QAM	50	50	17.61	17.67	17.61		
20	64QAM	100	0	17.68	17.63	17.70		
20	256QAM	1	0	17.58	17.57	17.59		
20	256QAM	1	49	17.59	17.65	17.55	18.2	0
20	256QAM	1	99	17.71	17.70	17.53		
20	256QAM	50	0	17.39	17.59	17.21		
20	256QAM	50	24	17.52	17.55	17.28	18.2	0
20	256QAM	50	50	17.54	17.63	17.34		
20	256QAM	100	0	17.60	17.51	17.27		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.89	17.99	17.89		
15	QPSK	1	37	17.68	17.78	17.90	18.2	0
15	QPSK	1	74	17.73	17.55	17.71		
15	QPSK	36	0	17.73	17.99	17.72		
15	QPSK	36	20	17.82	17.77	17.81	18.2	0
15	QPSK	36	39	17.67	17.66	17.89		
15	QPSK	75	0	17.77	17.74	17.72		
15	16QAM	1	0	17.98	17.95	17.75		
15	16QAM	1	37	17.64	17.84	17.45	18.2	0
15	16QAM	1	74	17.90	17.86	17.74		
15	16QAM	36	0	17.45	17.83	17.49		
15	16QAM	36	20	17.54	17.54	17.62	18.2	0
15	16QAM	36	39	17.52	17.72	17.51		
15	16QAM	75	0	17.63	17.70	17.55		
15	64QAM	1	0	17.46	17.84	17.64		
15	64QAM	1	37	17.59	17.87	17.68	18.2	0
15	64QAM	1	74	17.14	17.85	17.61		
15	64QAM	36	0	17.50	17.57	17.62		
15	64QAM	36	20	17.51	17.68	17.44	18.2	0
15	64QAM	36	39	17.60	17.59	17.52		
15	64QAM	75	0	17.67	17.53	17.64		
15	256QAM	1	0	17.51	17.39	17.57		
15	256QAM	1	37	17.56	17.60	17.49	18.2	0
15	256QAM	1	74	17.65	17.63	17.38		
15	256QAM	36	0	17.23	17.41	17.10		
15	256QAM	36	20	17.37	17.39	17.15	18.2	0
15	256QAM	36	39	17.45	17.42	17.16		
15	256QAM	75	0	17.46	17.43	17.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.97	17.94	17.85		
10	QPSK	1	25	17.73	17.82	17.84	18.2	0
10	QPSK	1	49	17.63	17.60	17.86		
10	QPSK	25	0	17.78	17.99	17.79		
10	QPSK	25	12	17.81	17.89	17.83	18.2	0
10	QPSK	25	25	17.71	17.97	17.82		
10	QPSK	50	0	17.67	17.71	17.72		
10	16QAM	1	0	18.00	17.90	17.71		
10	16QAM	1	25	17.75	17.76	17.45	18.2	0
10	16QAM	1	49	17.86	18.00	17.77		
10	16QAM	25	0	17.43	17.71	17.35		
10	16QAM	25	12	17.53	17.63	17.44	18.2	0
10	16QAM	25	25	17.47	17.58	17.51		
10	16QAM	50	0	17.48	17.70	17.66		
10	64QAM	1	0	17.47	17.87	17.72		
10	64QAM	1	25	17.71	17.86	17.70	18.2	0
10	64QAM	1	49	17.18	17.84	17.67		
10	64QAM	25	0	17.43	17.58	17.46		
10	64QAM	25	12	17.58	17.51	17.63	18.2	0
10	64QAM	25	25	17.58	17.64	17.46		
10	64QAM	50	0	17.62	17.61	17.61		
10	256QAM	1	0	17.47	17.58	17.48		
10	256QAM	1	25	17.59	17.49	17.48	18.2	0
10	256QAM	1	49	17.71	17.59	17.46		
10	256QAM	25	0	17.37	17.52	17.06		
10	256QAM	25	12	17.45	17.39	17.19	18.2	0
10	256QAM	25	25	17.41	17.53	17.26		
10	256QAM	50	0	17.54	17.39	17.27		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.90	17.97	17.99		
5	QPSK	1	12	17.70	17.67	17.83	18.2	0
5	QPSK	1	24	17.63	17.61	17.80		
5	QPSK	12	0	17.87	17.90	17.74		
5	QPSK	12	7	17.79	17.89	17.71	18.2	0
5	QPSK	12	13	17.69	17.95	17.71		
5	QPSK	25	0	17.72	17.82	17.70		
5	16QAM	1	0	17.98	17.89	17.64		
5	16QAM	1	12	17.80	17.87	17.40	18.2	0
5	16QAM	1	24	17.83	17.98	17.71		
5	16QAM	12	0	17.45	17.65	17.37		
5	16QAM	12	7	17.49	17.61	17.57	18.2	0
5	16QAM	12	13	17.49	17.77	17.53		
5	16QAM	25	0	17.55	17.58	17.66		
5	64QAM	1	0	17.49	17.86	17.65		
5	64QAM	1	12	17.72	17.81	17.60	18.2	0
5	64QAM	1	24	17.19	17.81	17.72		
5	64QAM	12	0	17.57	17.54	17.47		
5	64QAM	12	7	17.53	17.56	17.59	18.2	0
5	64QAM	12	13	17.59	17.66	17.46		
5	64QAM	25	0	17.65	17.48	17.67		
5	256QAM	1	0	17.55	17.45	17.57		
5	256QAM	1	12	17.55	17.59	17.48	18.2	0
5	256QAM	1	24	17.62	17.58	17.46		
5	256QAM	12	0	17.32	17.50	17.03		
5	256QAM	12	7	17.51	17.53	17.21	18.2	0
5	256QAM	12	13	17.48	17.56	17.27		
5	256QAM	25	0	17.44	17.50	17.09		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.97	17.98	17.94		
3	QPSK	1	8	17.75	17.78	17.88	18.2	0
3	QPSK	1	14	17.68	17.61	17.74		
3	QPSK	8	0	17.70	17.88	17.80		
3	QPSK	8	4	17.78	17.75	17.87	18.2	0
3	QPSK	8	7	17.67	17.87	17.81		
3	QPSK	15	0	17.81	17.82	17.74		
3	16QAM	1	0	17.98	17.94	17.68		
3	16QAM	1	8	17.71	17.78	17.39	18.2	0
3	16QAM	1	14	17.86	17.89	17.73		
3	16QAM	8	0	17.32	17.61	17.38		
3	16QAM	8	4	17.55	17.69	17.59	18.2	0
3	16QAM	8	7	17.39	17.66	17.57		
3	16QAM	15	0	17.65	17.61	17.63		
3	64QAM	1	0	17.51	17.92	17.73		
3	64QAM	1	8	17.77	17.82	17.55	18.2	0
3	64QAM	1	14	17.12	17.83	17.68		
3	64QAM	8	0	17.47	17.57	17.55		
3	64QAM	8	4	17.53	17.65	17.70	18.2	0
3	64QAM	8	7	17.58	17.61	17.58		
3	64QAM	15	0	17.55	17.55	17.55		
3	256QAM	1	0	17.49	17.51	17.44		
3	256QAM	1	8	17.56	17.50	17.47	18.2	0
3	256QAM	1	14	17.68	17.46	17.48		
3	256QAM	8	0	17.33	17.48	17.12		
3	256QAM	8	4	17.51	17.55	17.17	18.2	0
3	256QAM	8	7	17.50	17.45	17.29		
3	256QAM	15	0	17.44	17.49	17.09		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.84	18.00	17.90		
1.4	QPSK	1	3	17.74	17.80	17.90		
1.4	QPSK	1	5	17.71	17.59	17.68	18.2	0
1.4	QPSK	3	0	17.71	17.94	17.71		
1.4	QPSK	3	1	17.68	17.87	17.74		
1.4	QPSK	3	3	17.73	17.92	17.79		
1.4	QPSK	6	0	17.68	17.77	17.76	18.2	0
1.4	16QAM	1	0	17.90	17.92	17.81		
1.4	16QAM	1	3	17.65	17.73	17.35		
1.4	16QAM	1	5	17.82	18.00	17.61	18.2	0
1.4	16QAM	3	0	17.49	17.63	17.35		
1.4	16QAM	3	1	17.59	17.62	17.59		
1.4	16QAM	3	3	17.51	17.65	17.49		
1.4	16QAM	6	0	17.59	17.61	17.58	18.2	0
1.4	64QAM	1	0	17.33	17.78	17.74		
1.4	64QAM	1	3	17.67	17.95	17.66		
1.4	64QAM	1	5	17.26	17.86	17.67	18.2	0
1.4	64QAM	3	0	17.57	17.55	17.56		
1.4	64QAM	3	1	17.56	17.69	17.63		
1.4	64QAM	3	3	17.48	17.66	17.47		
1.4	64QAM	6	0	17.53	17.62	17.57	18.2	0
1.4	256QAM	1	0	17.57	17.55	17.54		
1.4	256QAM	1	3	17.47	17.56	17.37		
1.4	256QAM	1	5	17.71	17.61	17.44	18.2	0
1.4	256QAM	3	0	17.37	17.58	17.06		
1.4	256QAM	3	1	17.49	17.48	17.13		
1.4	256QAM	3	3	17.38	17.45	17.34		
1.4	256QAM	6	0	17.60	17.36	17.16	18.2	0

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.52	17.56	17.50		
20	QPSK	1	49	17.22	17.41	17.32	18	0
20	QPSK	1	99	17.19	17.29	17.20		
20	QPSK	50	0	17.39	17.47	17.37		
20	QPSK	50	24	17.38	17.40	17.36	18	0
20	QPSK	50	50	17.36	17.37	17.31		
20	QPSK	100	0	17.37	17.42	17.33		
20	16QAM	1	0	17.53	17.54	17.35		
20	16QAM	1	49	17.48	17.49	17.39	18	0
20	16QAM	1	99	17.42	17.55	17.09		
20	16QAM	50	0	17.12	17.13	17.07		
20	16QAM	50	24	17.19	17.17	17.12	18	0
20	16QAM	50	50	17.20	17.10	17.15		
20	16QAM	100	0	17.21	17.12	17.13		
20	64QAM	1	0	17.37	17.44	17.45		
20	64QAM	1	49	17.29	17.41	17.41	18	0
20	64QAM	1	99	17.31	17.40	17.44		
20	64QAM	50	0	17.01	17.10	17.17		
20	64QAM	50	24	17.12	17.25	17.17	18	0
20	64QAM	50	50	17.13	17.13	17.09		
20	64QAM	100	0	17.16	17.17	17.09		
20	256QAM	1	0	17.00	17.01	16.91		
20	256QAM	1	49	16.87	17.08	16.96	18	0
20	256QAM	1	99	17.03	17.04	16.83		
20	256QAM	50	0	16.77	17.04	16.51		
20	256QAM	50	24	16.98	16.86	16.64	18	0
20	256QAM	50	50	16.94	16.94	16.63		
20	256QAM	100	0	17.06	16.94	16.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.21	17.53	17.19		
15	QPSK	1	37	17.07	17.23	17.15	18	0
15	QPSK	1	74	17.02	17.19	17.10		
15	QPSK	36	0	17.24	17.25	17.21		
15	QPSK	36	20	17.22	17.32	17.24	18	0
15	QPSK	36	39	17.34	17.28	17.22		
15	QPSK	75	0	17.24	17.27	17.14		
15	16QAM	1	0	17.45	17.43	17.25		
15	16QAM	1	37	17.35	17.47	17.34	18	0
15	16QAM	1	74	17.39	17.46	16.95		
15	16QAM	36	0	17.07	17.01	17.14		
15	16QAM	36	20	17.06	17.17	17.07	18	0
15	16QAM	36	39	17.11	17.07	17.09		
15	16QAM	75	0	17.08	17.11	17.13		
15	64QAM	1	0	17.30	17.30	17.38		
15	64QAM	1	37	17.24	17.25	17.29	18	0
15	64QAM	1	74	17.21	17.31	17.26		
15	64QAM	36	0	16.97	17.07	17.15		
15	64QAM	36	20	17.05	17.20	17.15	18	0
15	64QAM	36	39	16.97	17.05	16.93		
15	64QAM	75	0	17.15	17.09	17.01		
15	256QAM	1	0	16.85	16.86	16.87		
15	256QAM	1	37	16.80	16.83	16.82	18	0
15	256QAM	1	74	16.99	16.89	16.68		
15	256QAM	36	0	16.77	17.03	16.36		
15	256QAM	36	20	16.86	16.73	16.48	18	0
15	256QAM	36	39	16.93	16.86	16.48		
15	256QAM	75	0	16.92	16.83	16.48		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.15	17.41	17.63		
10	QPSK	1	25	17.22	17.37	17.25	18	0
10	QPSK	1	49	17.06	17.19	17.20		
10	QPSK	25	0	17.16	17.32	17.25		
10	QPSK	25	12	17.21	17.34	17.21	18	0
10	QPSK	25	25	17.33	17.31	17.14		
10	QPSK	50	0	17.25	17.40	17.29		
10	16QAM	1	0	17.51	17.46	17.18		
10	16QAM	1	25	17.34	17.37	17.31	18	0
10	16QAM	1	49	17.24	17.50	17.08		
10	16QAM	25	0	17.01	16.95	17.12		
10	16QAM	25	12	17.18	17.17	17.12	18	0
10	16QAM	25	25	17.13	17.03	17.10		
10	16QAM	50	0	17.08	17.05	17.00		
10	64QAM	1	0	17.24	17.29	17.27		
10	64QAM	1	25	17.15	17.27	17.30	18	0
10	64QAM	1	49	17.13	17.39	17.29		
10	64QAM	25	0	16.94	17.02	17.08		
10	64QAM	25	12	16.96	17.18	17.17	18	0
10	64QAM	25	25	16.95	17.08	17.01		
10	64QAM	50	0	17.11	17.10	17.00		
10	256QAM	1	0	16.85	17.00	16.87		
10	256QAM	1	25	16.86	16.91	16.93	18	0
10	256QAM	1	49	16.86	17.01	16.68		
10	256QAM	25	0	16.69	17.03	16.45		
10	256QAM	25	12	16.82	16.72	16.56	18	0
10	256QAM	25	25	16.77	16.93	16.52		
10	256QAM	50	0	16.93	16.85	16.49		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.15	17.49	17.19		
5	QPSK	1	12	17.16	17.41	17.19	18	0
5	QPSK	1	24	17.12	17.12	17.12		
5	QPSK	12	0	17.27	17.37	17.18		
5	QPSK	12	7	17.32	17.26	17.35	18	0
5	QPSK	12	13	17.25	17.31	17.25		
5	QPSK	25	0	17.18	17.29	17.21		
5	16QAM	1	0	17.50	17.39	17.35		
5	16QAM	1	12	17.44	17.31	17.28	18	0
5	16QAM	1	24	17.28	17.44	16.94		
5	16QAM	12	0	17.10	17.04	17.14		
5	16QAM	12	7	17.19	17.15	17.03	18	0
5	16QAM	12	13	17.04	17.10	17.04		
5	16QAM	25	0	17.03	17.04	17.11		
5	64QAM	1	0	17.30	17.36	17.43		
5	64QAM	1	12	17.24	17.33	17.25	18	0
5	64QAM	1	24	17.16	17.25	17.42		
5	64QAM	12	0	16.83	17.02	17.14		
5	64QAM	12	7	17.09	17.20	17.11	18	0
5	64QAM	12	13	17.08	17.08	17.06		
5	64QAM	25	0	17.14	17.12	17.09		
5	256QAM	1	0	16.96	17.00	16.86		
5	256QAM	1	12	16.73	17.05	16.81	18	0
5	256QAM	1	24	17.03	16.95	16.65		
5	256QAM	12	0	16.88	16.96	16.42		
5	256QAM	12	7	16.94	16.79	16.56	18	0
5	256QAM	12	13	16.93	16.82	16.46		
5	256QAM	25	0	17.02	16.79	16.52		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.26	17.52	17.18		
3	QPSK	1	8	17.15	17.40	17.24	18	0
3	QPSK	1	14	17.15	17.14	17.07		
3	QPSK	8	0	17.16	17.33	17.18		
3	QPSK	8	4	17.34	17.37	17.27	18	0
3	QPSK	8	7	17.20	17.27	17.22		
3	QPSK	15	0	17.27	17.22	17.22		
3	16QAM	1	0	17.46	17.42	17.31		
3	16QAM	1	8	17.40	17.41	17.33	18	0
3	16QAM	1	14	17.24	17.51	16.91		
3	16QAM	8	0	17.11	17.12	17.19		
3	16QAM	8	4	17.08	17.02	17.12	18	0
3	16QAM	8	7	17.15	16.94	17.00		
3	16QAM	15	0	17.10	17.11	17.03		
3	64QAM	1	0	17.29	17.28	17.33		
3	64QAM	1	8	17.23	17.41	17.36	18	0
3	64QAM	1	14	17.14	17.40	17.31		
3	64QAM	8	0	16.98	16.99	17.16		
3	64QAM	8	4	16.97	17.11	17.16	18	0
3	64QAM	8	7	17.00	17.09	16.92		
3	64QAM	15	0	17.02	17.16	16.97		
3	256QAM	1	0	16.82	16.93	16.77		
3	256QAM	1	8	16.83	16.95	16.90	18	0
3	256QAM	1	14	16.91	16.94	16.69		
3	256QAM	8	0	16.65	16.90	16.50		
3	256QAM	8	4	16.90	16.77	16.54	18	0
3	256QAM	8	7	16.88	16.89	16.62		
3	256QAM	15	0	17.03	16.84	16.54		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.14	17.50	17.17		
1.4	QPSK	1	3	17.14	17.37	17.30		
1.4	QPSK	1	5	17.14	17.16	17.08	18	0
1.4	QPSK	3	0	17.23	17.35	17.29		
1.4	QPSK	3	1	17.24	17.31	17.19		
1.4	QPSK	3	3	17.21	17.21	17.19		
1.4	QPSK	6	0	17.26	17.23	17.18	18	0
1.4	16QAM	1	0	17.43	17.39	17.27		
1.4	16QAM	1	3	17.36	17.31	17.37		
1.4	16QAM	1	5	17.24	17.50	17.07	18	0
1.4	16QAM	3	0	17.00	16.98	17.20		
1.4	16QAM	3	1	17.14	17.13	16.98		
1.4	16QAM	3	3	17.03	17.10	17.04		
1.4	16QAM	6	0	17.08	17.05	16.96	18	0
1.4	64QAM	1	0	17.25	17.41	17.41		
1.4	64QAM	1	3	17.13	17.24	17.28		
1.4	64QAM	1	5	17.15	17.23	17.43	18	0
1.4	64QAM	3	0	16.87	16.92	17.08		
1.4	64QAM	3	1	17.12	17.09	16.99		
1.4	64QAM	3	3	17.04	17.07	17.01		
1.4	64QAM	6	0	17.01	17.04	17.05	18	0
1.4	256QAM	1	0	16.95	16.86	16.87		
1.4	256QAM	1	3	16.86	16.92	16.81		
1.4	256QAM	1	5	16.86	16.87	16.74	18	0
1.4	256QAM	3	0	16.59	16.94	16.42		
1.4	256QAM	3	1	16.97	16.83	16.48		
1.4	256QAM	3	3	16.78	16.84	16.50		
1.4	256QAM	6	0	17.06	16.90	16.44	18	0

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)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.70	25.05	24.65		
10	QPSK	1	25	24.76	24.88	24.70	25.7	0
10	QPSK	1	49	24.80	24.83	24.80		
10	QPSK	25	0	23.81	23.95	23.66		
10	QPSK	25	12	23.82	23.83	23.61	24.7	1
10	QPSK	25	25	23.85	23.92	23.60		
10	QPSK	50	0	23.97	23.92	23.69		
10	16QAM	1	0	23.84	24.22	24.12		
10	16QAM	1	25	23.94	24.27	24.02	24.7	1
10	16QAM	1	49	23.98	24.26	24.06		
10	16QAM	25	0	22.75	22.88	22.61		
10	16QAM	25	12	22.78	22.89

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.74	22.08	21.92	23	0
20	QPSK	1	49	21.72	21.89	21.87		
20	QPSK	1	99	21.74	21.77	21.80		
20	QPSK	50	0	20.85	21.10	20.84	22	1
20	QPSK	50	24	20.80	20.97	20.75		
20	QPSK	50	50	20.79	20.87	20.71		
20	QPSK	100	0	20.81	20.93	20.83		
20	16QAM	1	0	20.83	21.02	21.32	22	1
20	16QAM	1	49	20.87	21.10	21.29		
20	16QAM	1	99	20.97	21.13	20.67		
20	16QAM	50	0	19.66	19.92	19.85	21	2
20	16QAM	50	24	19.73	19.92	19.89		
20	16QAM	50	50	19.81	20.04	19.79		
20	16QAM	100	0	19.74	19.96	19.77		
20	64QAM	1	0	19.97	20.15	19.57	21	2
20	64QAM	1	49	19.99	20.22	20.05		
20	64QAM	1	99	20.08	20.26	19.77		
20	64QAM	50	0	18.74	18.92	18.86	20	3
20	64QAM	50	24	18.81	18.98	18.90		
20	64QAM	50	50	18.85	19.01	18.83		
20	64QAM	100	0	18.79	18.95	18.81		
20	256QAM	1	0	17.25	17.19	17.18	18	5
20	256QAM	1	49	17.21	17.17	17.20		
20	256QAM	1	99	17.13	17.07	17.14		
20	256QAM	50	0	17.07	17.06	17.10	18	5
20	256QAM	50	24	17.16	17.07	17.11		
20	256QAM	50	50	17.10	17.04	17.03		
20	256QAM	100	0	17.10	17.05	17.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.85	21.96	21.97	23	0
15	QPSK	1	37	21.87	22.04	21.92		
15	QPSK	1	74	21.94	22.05	21.97		
15	QPSK	36	0	20.68	20.81	20.83	22	1
15	QPSK	36	20	20.70	20.88	20.84		
15	QPSK	36	39	20.72	20.93	20.79		
15	QPSK	75	0	20.74	20.89	20.83		
15	16QAM	1	0	21.27	21.09	21.11	22	1
15	16QAM	1	37	21.28	21.19	21.11		
15	16QAM	1	74	21.35	21.15	21.34		
15	16QAM	36	0	19.80	19.88	19.82	21	2
15	16QAM	36	20	19.81	19.94	19.82		
15	16QAM	36	39	19.75	19.92	19.79		
15	16QAM	75	0	19.81	19.99	19.79		
15	64QAM	1	0	19.52	19.92	19.86	21	2
15	64QAM	1	37	19.55	20.05	20.00		
15	64QAM	1	74	19.63	20.02	19.52		
15	64QAM	36	0	18.86	18.94	18.88	20	3
15	64QAM	36	20	18.83	18.90	18.84		
15	64QAM	36	39	18.88	19.03	18.86		
15	64QAM	75	0	18.72	18.89	18.80		
15	256QAM	1	0	17.02	17.28	16.94	18	5
15	256QAM	1	37	17.09	17.25	17.26		
15	256QAM	1	74	17.02	17.12	17.27		
15	256QAM	36	0	17.03	17.24	17.03	18	5
15	256QAM	36	20	17.00	17.02	16.96		
15	256QAM	36	39	17.17	16.92	17.19		
15	256QAM	75	0	16.90	17.13	17.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.63	21.93	21.81	23	0
10	QPSK	1	25	21.73	22.02	21.86		
10	QPSK	1	49	21.65	22.07	21.87		
10	QPSK	25	0	20.71	20.88	20.85	22	1
10	QPSK	25	12	20.76	20.88	20.82		
10	QPSK	25	25	20.73	20.95	20.51		
10	QPSK	50	0	20.78	20.98	20.84		
10	16QAM	1	0	20.93	21.31	21.35	22	1
10	16QAM	1	25	20.95	21.40	21.26		
10	16QAM	1	49	21.12	21.43	21.45		
10	16QAM	25	0	19.62	19.88	19.81	21	2
10	16QAM	25	12	19.68	19.82	19.82		
10	16QAM	25	25	19.71	19.90	19.68		
10	16QAM	50	0	19.66	19.86	19.80		
10	64QAM	1	0	20.00	20.20	19.96	21	2
10	64QAM	1	25	20.07	20.27	19.93		
10	64QAM	1	49	20.07	20.30	19.95		
10	64QAM	25	0	18.69	18.90	18.88	20	3
10	64QAM	25	12	18.73	18.97	18.88		
10	64QAM	25	25	18.72	18.96	18.77		
10	64QAM	50	0	18.74	18.92	18.79		
10	256QAM	1	0	17.23	17.34	17.33	18	5
10	256QAM	1	25	17.17	17.04	17.14		
10	256QAM	1	49	17.09	17.24	17.20		
10	256QAM	25	0	17.12	17.25	17.34	18	5
10	256QAM	25	12	17.19	17.35	17.31		
10	256QAM	25	25	17.19	16.95	16.92		
10	256QAM	50	0	17.32	17.26	17.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.82	22.06	21.77	23	0
5	QPSK	1	12	21.88	22.00	21.59		
5	QPSK	1	24	21.83	22.07	22.04		
5	QPSK	12	0	20.73	20.89	20.82	22	1
5	QPSK	12	7	20.72	20.90	20.73		
5	QPSK	12	13	20.81	20.91	20.47		
5	QPSK	25	0	20.71	20.95	20.65		
5	16QAM	1	0	20.82	21.13	20.66	22	1
5	16QAM	1	12	20.85	21.14	20.71		
5	16QAM	1	24	20.83	20.91	20.81		
5	16QAM	12	0	19.80	19.98	19.81	21	2
5	16QAM	12	7	19.79	20.01	19.88		
5	16QAM	12	13	19.83	19.97	19.59		
5	16QAM	25	0	19.82	19.93	19.80		
5	64QAM	1	0	19.95	20.27	19.80	21	2
5	64QAM	1	12	20.02	20.29	19.73		
5	64QAM	1	24	20.01	20.28	19.88		
5	64QAM	12	0	18.75	19.06	18.79	20	3
5	64QAM	12	7	18.86	19.04	18.82		
5	64QAM	12	13	18.86	19.01	18.81		
5	64QAM	25	0	18.79	18.90	18.82		
5	256QAM	1	0	16.98	16.97	17.09	18	5
5	256QAM	1	12	17.11	17.14	17.05		
5	256QAM	1	24	17.14	16.92	17.11		
5	256QAM	12	0	17.26	17.04	16.98	18	5
5	256QAM	12	7	17.10	17.30	17.11		
5	256QAM	12	13	17.06	17.08	17.24		
5	256QAM	25	0	17.23	17.19	17.21		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.03	24.19	24.11	25	0
20	QPSK	1	49	23.85	24.07	24.04		
20	QPSK	1	99	23.80	23.97	23.97		
20	QPSK	50	0	23.10	23.18	23.14	24	1
20	QPSK	50	24	22.97	23.10	23.07		
20	QPSK	50	50	22.94	23.06	23.05		
20	QPSK	100	0	22.99	23.15	23.13		
20	16QAM	1	0	23.18	23.01	23.15	24	1
20	16QAM	1	49	23.28	23.27	23.31		
20	16QAM	1	99	23.30	23.35	23.16		
20	16QAM	50	0	21.69	22.05	22.05	23	2
20	16QAM	50	24	21.89	22.12	22.10		
20	16QAM	50	50	22.01	22.19	22.17		
20	16QAM	100	0	21.76	22.12	22.02		
20	64QAM	1	0	21.51	21.96	22.00	23	2
20	64QAM	1	49	21.53	22.10	22.08		
20	64QAM	1	99	21.70	22.17	21.88		
20	64QAM	50	0	20.76	21.01	21.08	22	3
20	64QAM	50	24	20.81	21.07	21.13		
20	64QAM	50	50	20.97	21.24	21.12		
20	64QAM	100	0	20.76	21.07	21.08		
20	256QAM	1	0	19.23	19.14	19.25	20	5
20	256QAM	1	49	19.28	19.10	19.10		
20	256QAM	1	99	19.18	19.03	19.14		
20	256QAM	50	0	19.04	19.05	19.10	20	5
20	256QAM	50	24	19.09	19.04	19.01		
20	256QAM	50	50	19.17	19.09	19.06		
20	256QAM	100	0	19.09	19.01	19.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.96	24.04	23.95	25	0
15	QPSK	1	37	23.96	24.11	24.07		
15	QPSK	1	74	24.05	24.18	24.10		
15	QPSK	36	0	22.67	22.96	23.01	24	1
15	QPSK	36	20	22.76	23.04	23.09		
15	QPSK	36	39	22.81	23.13	23.13		
15	QPSK	75	0	22.73	23.02	23.05		
15	16QAM	1	0	23.03	23.40	23.08	24	1
15	16QAM	1	37	23.13	23.56	23.23		
15	16QAM	1	74	23.13	23.58	23.17		
15	16QAM	36	0	21.78	21.97	22.13	23	2
15	16QAM	36	20	21.77	22.04	22.07		
15	16QAM	36	39	21.76	22.14	22.14		
15	16QAM	75	0	21.70	21.97	21.99		
15	64QAM	1	0	21.81	22.07	22.22	23	2
15	64QAM	1	37	21.89	22.22	22.32		
15	64QAM	1	74	21.90	22.22	22.01		
15	64QAM	36	0	20.77	21.00	21.07	22	3
15	64QAM	36	20	20.83	21.08	21.12		
15	64QAM	36	39	20.82	21.19	21.15		
15	64QAM	75	0	20.80	20.98	21.07		
15	256QAM	1	0	19.34	19.28	18.93	20	5
15	256QAM	1	37	19.15	19.18	19.25		
15	256QAM	1	74	19.00	19.09	19.00		
15	256QAM	36	0	19.17	19.16	19.23	20	5
15	256QAM	36	20	19.05	19.05	19.00		
15	256QAM	36	39	19.45	19.41	19.35		
15	256QAM	75	0	19.24	18.94	19.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.64	23.94	24.13	25	0
10	QPSK	1	25	23.69	24.04	23.99		
10	QPSK	1	49	23.65	23.99	24.05		
10	QPSK	25	0	22.70	22.90	23.10	24	1
10	QPSK	25	12	22.68	23.00	23.17		
10	QPSK	25	25	22.78	23.10	22.79		
10	QPSK	50	0	22.79	23.07	23.06		
10	16QAM	1	0	23.13	23.07	23.41	24	1
10	16QAM	1	25	23.17	23.52	23.43		
10	16QAM	1	49	23.02	23.23	23.20		
10	16QAM	25	0	21.59	21.84	22.07	23	2
10	16QAM	25	12	21.67	21.97	22.16		
10	16QAM	25	25	21.74	22.02	22.00		
10	16QAM	50	0	21.70	22.02	22.03		
10	64QAM	1	0	21.88	22.19	22.26	23	2
10	64QAM	1	25	21.92	22.20	22.30		
10	64QAM	1	49	21.93	22.29	21.84		
10	64QAM	25	0	20.69	21.08	21.11	22	3
10	64QAM	25	12	20.74	21.11	21.12		
10	64QAM	25	25	20.79	21.16	21.18		
10	64QAM	50	0	20.77	21.02	21.05		
10	256QAM	1	0	18.94	19.10	18.98	20	5
10	256QAM	1	25	19.16	19.01	19.04		
10	256QAM	1	49	19.42	18.99	19.40		
10	256QAM	25	0	19.32	19.45	19.11	20	5
10	256QAM	25	12	19.02	19.16	19.09		
10	256QAM	25	25	19.12	19.45	18.99		
10	256QAM	50	0	19.33	19.41	18.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.73	24.04	23.88	25	0
5	QPSK	1	12	23.83	24.05	23.48		
5	QPSK	1	24	23.86	24.09	23.89		
5	QPSK	12	0	22.67	22.95	23.01	24	1
5	QPSK	12	7	22.68	23.00	22.77		
5	QPSK	12	13	22.75	23.04	22.52		
5	QPSK	25	0	22.67	23.00	22.68		
5	16QAM	1	0	23.08	23.17	23.13	24	1
5	16QAM	1	12	23.15	23.27	22.89		
5	16QAM	1	24	22.88	23.30	22.91		
5	16QAM	12	0	21.61	21.96	22.02	23	2
5	16QAM	12	7	21.68	22.05	21.93		
5	16QAM	12	13	21.72	22.01	21.68		
5	16QAM	25	0	21.75	22.10	21.87		
5	64QAM	1	0	21.67	22.12	22.09	23	2
5	64QAM	1	12	21.75	22.17	22.11		
5	64QAM	1	24	21.76	22.13	21.52		
5	64QAM	12	0	20.74	21.06	21.08	22	3
5	64QAM	12	7	20.74	21.07	21.15		
5	64QAM	12	13	20.79	21.08	21.12		
5	64QAM	25	0	20.73	21.06	21.08		
5	256QAM	1	0	19.11	19.06	19.24	20	5
5	256QAM	1	12	18.90	19.34	19.29		
5	256QAM	1	24	19.01	19.11	19.37		
5	256QAM	12	0	18.97	19.38	19.43	20	5
5	256QAM	12	7	18.97	19.17	19.09		
5	256QAM	12	13	18.94	19.27	19.45		
5	256QAM	25	0	19.07	19.34	19.06		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.22	17.38	17.24	18.2	0
20	QPSK	1	49	16.98	17.08	17.06		
20	QPSK	1	99	17.01	17.07	17.05		
20	QPSK	50	0	17.12	17.25	17.17	18.2	0
20	QPSK	50	24	17.02	17.19	17.09		
20	QPSK	50	50	16.95	17.13	17.08		
20	QPSK	100	0	16.97	17.13	17.12		
20	16QAM	1	0	16.70	16.60	16.58	18.2	0
20	16QAM	1	49	16.76	16.73	16.61		
20	16QAM	1	99	16.79	16.99	16.62		
20	16QAM	50	0	16.83	17.18	17.17	18.2	0
20	16QAM	50	24	16.98	17.18	17.04		
20	16QAM	50	50	17.05	17.27	16.99		
20	16QAM	100	0	16.94	17.05	17.05		
20	64QAM	1	0	17.22	17.02	17.00	18.2	0
20	64QAM	1	49	16.77	17.15	17.05		
20	64QAM	1	99	17.08	17.17	17.15		
20	64QAM	50	0	16.87	17.13	17.13	18.2	0
20	64QAM	50	24	17.01	17.12	17.08		
20	64QAM	50	50	17.04	17.22	16.96		
20	64QAM	100	0	16.96	17.08	17.01		
20	256QAM	1	0	16.80	17.03	17.35	18.2	0
20	256QAM	1	49	16.81	17.11	17.19		
20	256QAM	1	99	16.97	17.15	17.14		
20	256QAM	50	0	16.95	17.03	17.07	18.2	0
20	256QAM	50	24	16.82	16.95	17.06		
20	256QAM	50	50	16.91	17.05	17.03		
20	256QAM	100	0	16.84	16.97	17.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.00	17.20	17.22	18.2	0
15	QPSK	1	37	16.80	16.95	17.05		
15	QPSK	1	74	16.99	17.03	16.96		
15	QPSK	36	0	16.76	17.10	17.15	18.2	0
15	QPSK	36	20	17.02	17.12	16.99		
15	QPSK	36	39	16.94	17.06	17.04		
15	QPSK	75	0	16.92	16.98	17.06		
15	16QAM	1	0	16.66	16.45	16.46	18.2	0
15	16QAM	1	37	16.67	16.70	16.59		
15	16QAM	1	74	16.62	16.89	16.46		
15	16QAM	36	0	16.71	17.16	17.15	18.2	0
15	16QAM	36	20	16.88	17.02	16.91		
15	16QAM	36	39	16.87	17.19	16.97		
15	16QAM	75	0	16.89	16.94	17.03		
15	64QAM	1	0	17.05	16.91	16.89	18.2	0
15	64QAM	1	37	16.66	17.07	16.95		
15	64QAM	1	74	17.06	17.01	17.08		
15	64QAM	36	0	16.78	17.03	16.98	18.2	0
15	64QAM	36	20	16.88	17.02	17.01		
15	64QAM	36	39	17.04	17.05	16.86		
15	64QAM	75	0	16.86	17.06	16.99		
15	256QAM	1	0	16.65	17.03	17.28	18.2	0
15	256QAM	1	37	16.78	16.98	17.15		
15	256QAM	1	74	16.83	17.01	17.05		
15	256QAM	36	0	16.85	16.94	16.94	18.2	0
15	256QAM	36	20	16.68	16.81	16.89		
15	256QAM	36	39	16.77	16.93	16.98		
15	256QAM	75	0	16.67	16.87	17.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.97	17.22	17.13	18.2	0
10	QPSK	1	25	16.86	16.92	16.98		
10	QPSK	1	49	16.84	16.99	16.90		
10	QPSK	25	0	16.92	17.22	17.10	18.2	0
10	QPSK	25	12	16.97	17.01	17.09		
10	QPSK	25	25	16.91	17.13	17.04		
10	QPSK	50	0	16.82	17.01	16.98		
10	16QAM	1	0	16.55	16.55	16.43	18.2	0
10	16QAM	1	25	16.74	16.70	16.46		
10	16QAM	1	49	16.78	16.88	16.45		
10	16QAM	25	0	16.69	17.04	17.07	18.2	0
10	16QAM	25	12	16.85	17.05	16.87		
10	16QAM	25	25	16.89	17.16	16.83		
10	16QAM	50	0	16.79	16.97	17.05		
10	64QAM	1	0	17.16	16.86	16.87	18.2	0
10	64QAM	1	25	16.66	16.97	16.99		
10	64QAM	1	49	16.95	17.15	17.02		
10	64QAM	25	0	16.84	17.08	16.97	18.2	0
10	64QAM	25	12	16.92	17.03	16.95		
10	64QAM	25	25	16.86	17.19	16.93		
10	64QAM	50	0	16.86	17.04	17.01		
10	256QAM	1	0	16.74	16.85	17.24	18.2	0
10	256QAM	1	25	16.81	17.04	17.11		
10	256QAM	1	49	16.80	17.11	17.13		
10	256QAM	25	0	16.95	16.97	16.96	18.2	0
10	256QAM	25	12	16.69	16.93	16.94		
10	256QAM	25	25	16.90	16.93	16.86		
10	256QAM	50	0	16.79	16.87	17.08		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.95	17.28	17.22	18.2	0
5	QPSK	1	12	16.96	16.90	16.99		
5	QPSK	1	24	16.87	16.91	17.01		
5	QPSK	12	0	16.82	17.17	17.06	18.2	0
5	QPSK	12	7	16.86	17.16	17.01		
5	QPSK	12	13	16.94	17.02	17.00		
5	QPSK	25	0	16.96	17.03	17.09		
5	16QAM	1	0	16.56	16.51	16.48	18.2	0
5	16QAM	1	12	16.76	16.64	16.43		
5	16QAM	1	24	16.77	16.86	16.57		
5	16QAM	12	0	16.72	17.13	17.04	18.2	0
5	16QAM	12	7	16.84	17.03	16.96		
5	16QAM	12	13	16.98	17.18	16.87		
5	16QAM	25	0	16.76	16.87	16.94		
5	64QAM	1	0	17.13	16.97	16.91	18.2	0
5	64QAM	1	12	16.77	17.09	16.96		
5	64QAM	1	24	16.93	17.03	17.09		
5	64QAM	12	0	16.70	17.06	16.95	18.2	0
5	64QAM	12	7	17.00	17.07	16.96		
5	64QAM	12	13	16.91	17.17	16.81		
5	64QAM	25	0	16.79	17.04	17.01		
5	256QAM	1	0	16.64	16.97	17.20	18.2	0
5	256QAM	1	12	16.79	17.04	17.11		
5	256QAM	1	24	16.95	17.00	17.12		
5	256QAM	12	0	16.93	16.98	17.07	18.2	0
5	256QAM	12	7	16.77	16.87	17.04		
5	256QAM	12	13	16.86	17.04	16.86		
5	256QAM	25	0	16.74	16.90	17.04		

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.97	14.27	14.09	15.5	0
20	QPSK	1	49	13.94	13.97	13.98		
20	QPSK	1	99	13.90	13.91	13.92		
20	QPSK	50	0	13.87	14.17	14.08	15.5	0
20	QPSK	50	24	13.82	14.14	14.00		
20	QPSK	50	50	13.85	13.95	14.06		
20	QPSK	100	0	13.95	14.04	13.83		
20	16QAM	1	0	13.58	13.59	13.54	15.5	0
20	16QAM	1	49	13.66	13.55	13.54		
20	16QAM	1	99	13.71	13.96	13.56		
20	16QAM	50	0	13.78	14.01	14.16	15.5	0
20	16QAM	50	24	13.86	14.17	13.98		
20	16QAM	50	50	13.88	14.19	13.99		
20	16QAM	100	0	13.94	13.99	13.91		
20	64QAM	1	0	14.06	13.96	13.85	15.5	0
20	64QAM	1	49	13.75	14.00	14.05		
20	64QAM	1	99	13.91	14.14	14.02		
20	64QAM	50	0	13.86	14.07	14.11	15.5	0
20	64QAM	50	24	13.88	13.97	13.91		
20	64QAM	50	50	13.91	14.06	13.80		
20	64QAM	100	0	13.95	14.02	13.96		
20	256QAM	1	0	14.02	13.94	14.19	15.5	0
20	256QAM	1	49	14.13	13.89	13.93		
20	256QAM	1	99	14.11	14.02	13.91		
20	256QAM	50	0	14.12	13.92	13.86	15.5	0
20	256QAM	50	24	14.13	13.73	13.77		
20	256QAM	50	50	14.22	13.94	13.82		
20	256QAM	100	0	14.12	13.88	13.95		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.93	14.27	14.09	15.5	0
15	QPSK	1	37	13.94	13.96	13.94		
15	QPSK	1	74	13.86	13.91	13.89		
15	QPSK	36	0	13.81	14.08	14.01	15.5	0
15	QPSK	36	20	13.94	14.11	14.00		
15	QPSK	36	39	13.91	13.91	13.98		
15	QPSK	75	0	13.95	14.04	13.79		
15	16QAM	1	0	13.57	13.54	13.50	15.5	0
15	16QAM	1	37	13.64	13.54	13.50		
15	16QAM	1	74	13.71	13.90	13.56		
15	16QAM	36	0	13.73	13.93	14.14	15.5	0
15	16QAM	36	20	13.83	14.12	13.94		
15	16QAM	36	39	13.85	14.11	13.91		
15	16QAM	75	0	13.87	13.91	13.90		
15	64QAM	1	0	14.03	13.95	13.85	15.5	0
15	64QAM	1	37	13.71	13.99	13.98		
15	64QAM	1	74	13.83	14.09	13.99		
15	64QAM	36	0	13.82	14.02	14.11	15.5	0
15	64QAM	36	20	13.86	13.97	13.89		
15	64QAM	36	39	13.88	14.00	13.79		
15	64QAM	75	0	13.94	14.02	13.95		
15	256QAM	1	0	13.95	13.88	14.15	15.5	0
15	256QAM	1	37	14.12	13.89	13.90		
15	256QAM	1	74	14.08	13.99	13.91		
15	256QAM	36	0	14.12	13.87	13.78	15.5	0
15	256QAM	36	20	14.13	13.70	13.74		
15	256QAM	36	39	14.18	13.89	13.74		
15	256QAM	75	0	14.07	13.88	13.90		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.92	14.25	14.06	15.5	0
10	QPSK	1	25	13.87	13.94	13.91		
10	QPSK	1	49	13.88	13.87	13.87		
10	QPSK	25	0	13.79	14.06	14.08	15.5	0
10	QPSK	25	12	13.97	14.09	13.94		
10	QPSK	25	25	13.84	13.93	13.98		
10	QPSK	50	0	13.92	13.96	13.77		
10	16QAM	1	0	13.55	13.51	13.50	15.5	0
10	16QAM	1	25	13.66	13.50	13.54		
10	16QAM	1	49	13.66	13.91	13.52		
10	16QAM	25	0	13.76	13.97	14.11	15.5	0
10	16QAM	25	12	13.83	14.10	13.97		
10	16QAM	25	25	13.85	14.14	13.95		
10	16QAM	50	0	13.88	13.95	13.87		
10	64QAM	1	0	14.01	13.88	13.81	15.5	0
10	64QAM	1	25	13.67	13.96	14.04		
10	64QAM	1	49	13.85	14.12	13.97		
10	64QAM	25	0	13.85	13.99	14.09	15.5	0
10	64QAM	25	12	13.81	13.97	13.89		
10	64QAM	25	25	13.90	14.02	13.74		
10	64QAM	50	0	13.87	13.98	13.96		
10	256QAM	1	0	13.95	13.88	14.17	15.5	0
10	256QAM	1	25	14.12	13.82	13.86		
10	256QAM	1	49	14.06	14.01	13.86		
10	256QAM	25	0	14.06	13.87	13.81	15.5	0
10	256QAM	25	12	14.10	13.73	13.77		
10	256QAM	25	25	14.14	13.86	13.80		
10	256QAM	50	0	14.12	13.88	13.90		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.91	14.19	14.03	15.5	0
5	QPSK	1	12	13.94	13.92	13.97		
5	QPSK	1	24	13.86	13.90	13.90		
5	QPSK	12	0	13.87	14.12	14.04	15.5	0
5	QPSK	12	7	13.98	14.09	13.94		
5	QPSK	12	13	13.92	13.87	13.99		
5	QPSK	25	0	13.88	14.01	13.76		
5	16QAM	1	0	13.58	13.58	13.54	15.5	0
5	16QAM	1	12	13.64	13.50	13.51		
5	16QAM	1	24	13.66	13.88	13.50		
5	16QAM	12	0	13.77	13.99	14.15	15.5	0
5	16QAM	12	7	13.79	14.17	13.96		
5	16QAM	12	13	13.83	14.16	13.98		
5	16QAM	25	0	13.89	13.96	13.87		
5	64QAM	1	0	14.03	13.91	13.82	15.5	0
5	64QAM	1	12	13.72	13.96	13.97		
5	64QAM	1	24	13.85	14.13	13.96		
5	64QAM	12	0	13.79	14.04	14.03	15.5	0
5	64QAM	12	7	13.87	13.94	13.88		
5	64QAM	12	13	13.83	14.03	13.80		
5	64QAM	25	0	13.91	13.97	13.96		
5	256QAM	1	0	14.01	13.89	14.13	15.5	0
5	256QAM	1	12	14.10	13.87	13.93		
5	256QAM	1	24	14.05	14.00	13.87		
5	256QAM	12	0	14.09	13.89	13.78	15.5	0
5	256QAM	12	7	14.06	13.69	13.76		
5	256QAM	12	13	14.22	13.90	13.76		
5	256QAM	25	0	14.11	13.86	13.94		

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	25.01	25.15	25.05	25.7	0
10	QPSK	1	25	24.97	25.14	25.00		
10	QPSK	1	49	25.00	25.13	25.02		
10	QPSK	25	0	23.96	24.12	24.07	24.7	1
10	QPSK	25	12	24.03	24.10	23.94		
10	QPSK	25	25	23.98	24.08	24.02		
10	QPSK	50	0	24.02	24.06	24.04		
10	16QAM	1	0	24.06	24.45	24.02	24.7	1
10	16QAM	1	25	24.06	24.42	24.15		
10	16QAM	1	49	24.12	24.55	24.18		
10	16QAM	25	0	22.82	22.96	23.02	23.7	2
10	16QAM	25	12	22.93	22.92	23.14		
10	16QAM	25	25	22.93	22.96	23.06		
10	16QAM	50	0	22.98	23.04	22.97		
10	64QAM	1	0	23.16	23.15	23.23	23.7	2
10	64QAM	1	25	23.23	23.37	23.40		
10	64QAM	1	49	23.35	23.46	23.34		
10	64QAM	25	0	21.88	22.02	22.05	22.7	3
10	64QAM	25	12	21.99	22.06	22.14		
10	64QAM	25	25	22.00	22.07	22.11		
10	64QAM	50	0	22.02	22.04	22.04		
10	256QAM	1	0	20.09	20.20	20.20	20.7	5
10	256QAM	1	25	20.25	20.19	20.26		
10	256QAM	1	49	20.17	20.18	20.18		
10	256QAM	25	0	20.01	20.09	20.13	20.7	5
10	256QAM	25	12	20.08	20.08	20.08		
10	256QAM	25	25	20.06	19.99	20.00		
10	256QAM	50	0	20.08	20.08	20.11		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	25.03	25.13	24.96	25.7	0
5	QPSK	1	12	25.06	25.14	25.05		
5	QPSK	1	24	25.10	25.06	25.11		
5	QPSK	12	0	23.94	24.06	23.99	24.7	1
5	QPSK	12	7	23.93	24.01	24.05		
5	QPSK	12	13	24.00	23.99	23.93		
5	QPSK	25	0	23.99	23.94	24.00		
5	16QAM	1	0	24.39	24.20	24.29	24.7	1
5	16QAM	1	12	24.43	24.24	24.18		
5	16QAM	1	24	24.49	24.28	24.33		
5	16QAM	12	0	22.95	23.07	23.01	23.7	2
5	16QAM	12	7	22.91	23.05	23.04		
5	16QAM	12	13	22.89	22.94	22.90		
5	16QAM	25	0	22.98	23.06	23.17		
5	64QAM	1	0	22.71	23.02	23.07	23.7	2
5	64QAM	1	12	22.75	23.09	23.02		
5	64QAM	1	24	22.78	23.11	23.11		
5	64QAM	12	0	21.99	22.02	21.98	22.7	3
5	64QAM	12	7	21.96	21.98	21.99		
5	64QAM	12	13	21.97	21.94	21.88		
5	64QAM	25	0	21.98	22.03	21.96		
5	256QAM	1	0	19.98	20.00	19.92	20.7	5
5	256QAM	1	12	20.10	20.02	20.12		
5	256QAM	1	24	20.11	20.02	20.07		
5	256QAM	12	0	20.04	19.95	19.97	20.7	5
5	256QAM	12	7	20.03	20.06	20.12		
5	256QAM	12	13	19.91	20.06	20.02		
5	256QAM	25	0	19.92	20.05	19.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.82	25.05	25.05	25.7	0
3	QPSK	1	8	24.92	25.10	25.07		
3	QPSK	1	14	25.04	25.07	25.07		
3	QPSK	8	0	23.94	23.98	24.00	24.7	1
3	QPSK	8	4	23.92	23.97	23.99		
3	QPSK	8	7	23.97	24.02	24.02		
3	QPSK	15	0	23.96	23.93	23.97		
3	16QAM	1	0	24.24	24.40	24.43	24.7	1
3	16QAM	1	8	24.33	24.35	24.51		
3	16QAM	1	14	24.29	24.31	24.51		
3	16QAM	8	0	22.93	22.99	23.11	23.7	2
3	16QAM	8	4	23.00	23.04	23.03		
3	16QAM	8	7	23.05	23.06	23.10		
3	16QAM	15	0	22.90	22.85	23.02		
3	64QAM	1	0	23.20	23.28	23.09	23.7	2
3	64QAM	1	8	23.18	23.31	23.13		
3	64QAM	1	14	23.27	23.31	23.07		
3	64QAM	8	0	21.95	21.95	22.06	22.7	3
3	64QAM	8	4	21.96	21.97	21.99		
3	64QAM	8	7	22.03	22.01	21.95		
3	64QAM	15	0	22.07	22.01	21.99		
3	256QAM	1	0	19.90	19.97	19.98	20.7	5
3	256QAM	1	8	19.95	20.04	19.93		
3	256QAM	1	14	20.07	19.99	19.93		
3	256QAM	8	0	19.92	19.97	20.05	20.7	5
3	256QAM	8	4	20.15	19.90	20.08		
3	256QAM	8	7	20.02	20.03	20.04		
3	256QAM	15	0	19.98	19.98	20.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.86	24.86	24.85	25.7	0
1.4	QPSK	1	3	24.83	24.90	24.85		
1.4	QPSK	1	5	24.87	24.99	24.83		
1.4	QPSK	3	0	24.91	24.97	24.96		
1.4	QPSK	3	1	24.93	24.99	24.95		
1.4	QPSK	3	3	24.93	24.93	25.06		
1.4	QPSK	6	0	23.89	24.01	24.06	24.7	1
1.4	16QAM	1	0	23.98	24.07	23.84	24.7	1
1.4	16QAM	1	3	24.03	24.13	23.84		
1.4	16QAM	1	5	24.06	24.07	23.83		
1.4	16QAM	3	0	23.97	24.11	24.05		
1.4	16QAM	3	1	23.97	24.06	23.95		
1.4	16QAM	3	3	23.99	23.98	24.05		
1.4	16QAM	6	0	22.96	23.06	22.99	23.7	2
1.4	64QAM	1	0	23.15	23.26	23.29	23.7	2
1.4	64QAM	1	3	23.13	23.30	23.29		
1.4	64QAM	1	5	23.15	23.28	23.29		
1.4	64QAM	3	0	23.02	23.15	22.99		
1.4	64QAM	3	1	23.06	23.21	23.22		
1.4	64QAM	3	3	22.97	23.14	23.28		
1.4	64QAM	6	0	21.94	21.97	21.92	22.7	3
1.4	256QAM	1	0	19.94	19.95	20.09	20.7	5
1.4	256QAM	1	3	20.03	19.99	20.15		
1.4	256QAM	1	5	20.06	19.92	19.93		
1.4	256QAM	3	0	20.12	20.04	20.10		
1.4	256QAM	3	1	20.13	20.05	20.10		
1.4	256QAM	3	3	19.99	20.09	20.10		
1.4	256QAM	6	0	20.07	19.94	20.06	20.7	5

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.08	21.18	21.10	21.7	0
10	QPSK	1	25	20.88	21.01	20.91		
10	QPSK	1	49	20.92	21.02	21.02		
10	QPSK	25	0	21.06	21.10	21.04	21.7	0
10	QPSK	25	12	20.98	21.02	20.98		
10	QPSK	25	25	20.96	20.97	20.99		
10	QPSK	50	0	21.03	21.09	21.08		
10	16QAM	1	0	21.24	21.41	21.39	21.7	0
10	16QAM	1	25	21.24	21.58	21.26		
10	16QAM	1	49	21.34	21.53	21.35		
10	16QAM	25	0	21.02	21.02	21.01	21.7	0
10	16QAM	25	12	21.08	21.17	20.97		
10	16QAM	25	25	20.98	21.09	21.02		
10	16QAM	50	0	21.02	21.09	20.99		
10	64QAM	1	0	21.00	21.11	21.10	21.7	0
10	64QAM	1	25	21.07	21.23	21.09		
10	64QAM	1	49	21.06	21.35	21.17		
10	64QAM	25	0	20.98	20.90	21.05	21.7	0
10	64QAM	25	12	21.09	20.98	20.98		
10	64QAM	25	25	20.94	21.02	21.08		
10	64QAM	50	0	21.01	21.03	21.05		
10	256QAM	1	0	20.30	20.30	20.34	20.7	1
10	256QAM	1	25	20.33	20.33	20.35		
10	256QAM	1	49	20.34	20.30	20.36		
10	256QAM	25	0	20.16	20.21	20.26	20.7	1
10	256QAM	25	12	20.24	20.22	20.18		
10	256QAM	25	25	20.15	20.21	20.27		
10	256QAM	50	0	20.18	20.28	20.23		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.87	20.94	21.09	21.7	0
5	QPSK	1	12	20.96	21.03	21.05		
5	QPSK	1	24	21.07	21.05	21.12		
5	QPSK	12	0	20.99	21.02	21.01	21.7	0
5	QPSK	12	7	20.92	21.01	21.02		
5	QPSK	12	13	20.94	20.99	20.78		
5	QPSK	25	0	20.92	20.94	21.00		
5	16QAM	1	0	21.10	21.20	21.17	21.7	0
5	16QAM	1	12	21.48	21.14	21.48		
5	16QAM	1	24	21.19	21.21	21.00		
5	16QAM	12	0	20.95	21.01	21.01	21.7	0
5	16QAM	12	7	20.96	20.90	21.01		
5	16QAM	12	13	20.92	20.89	20.93		
5	16QAM	25	0	20.88	20.96	21.14		
5	64QAM	1	0	21.17	21.25	21.29	21.7	0
5	64QAM	1	12	20.80	21.46	21.26		
5	64QAM	1	24	20.85	21.43	21.24		
5	64QAM	12	0	21.00	21.05	21.10	21.7	0
5	64QAM	12	7	20.97	21.04	21.14		
5	64QAM	12	13	20.99	20.92	20.85		
5	64QAM	25	0	21.03	20.92	21.04		
5	256QAM	1	0	20.15	20.15	20.15	20.7	1
5	256QAM	1	12	20.17	20.29	20.13		
5	256QAM	1	24	20.18	20.35	20.21		
5	256QAM	12	0	19.96	20.27	20.22	20.7	1
5	256QAM	12	7	20.13	20.19	20.20		
5	256QAM	12	13	20.14	20.07	20.13		
5	256QAM	25	0	20.09	20.12	20.23		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.83	21.03	20.90	21.7	0
3	QPSK	1	8	20.87	20.94	20.93		
3	QPSK	1	14	21.02	20.96	20.90		
3	QPSK	8	0	20.96	20.99	21.07	21.7	0
3	QPSK	8	4	20.91	20.96	20.99		
3	QPSK	8	7	20.94	20.95	20.96		
3	QPSK	15	0	20.93	20.90	21.00		
3	16QAM	1	0	21.05	20.90	21.14	21.7	0
3	16QAM	1	8	21.42	20.94	20.98		
3	16QAM	1	14	21.37	20.91	20.98		
3	16QAM	8	0	21.00	21.14	21.12	21.7	0
3	16QAM	8	4	21.04	21.15	21.13		
3	16QAM	8	7	21.08	20.98	21.12		
3	16QAM	15	0	20.95	21.03	21.13		
3	64QAM	1	0	20.96	21.22	21.12	21.7	0
3	64QAM	1	8	21.24	21.21	21.12		
3	64QAM	1	14	21.07	21.29	21.36		
3	64QAM	8	0	20.86	21.05	21.05	21.7	0
3	64QAM	8	4	20.96	21.17	20.97		
3	64QAM	8	7	20.99	20.99	21.05		
3	64QAM	15	0	20.98	20.93	21.01		
3	256QAM	1	0	20.19	20.24	20.13	20.7	1
3	256QAM	1	8	20.33	20.22	20.21		
3	256QAM	1	14	20.14	20.26	20.16		
3	256QAM	8	0	20.08	20.14	20.16	20.7	1
3	256QAM	8	4	20.17	20.18	20.15		
3	256QAM	8	7	19.95	20.17	20.16		
3	256QAM	15	0	20.07	20.05	20.18		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.79	20.93	20.92	21.7	0
1.4	QPSK	1	3	21.11	20.87	20.97		
1.4	QPSK	1	5	20.90	20.88	20.99		
1.4	QPSK	3	0	20.89	21.01	20.98		
1.4	QPSK	3	1	20.89	20.98	21.01		
1.4	QPSK	3	3	20.90	20.95	21.07		
1.4	QPSK	6	0	20.92	20.99	20.96	21.7	0
1.4	16QAM	1	0	21.41	20.97	21.15	21.7	0
1.4	16QAM	1	3	21.47	21.14	21.20		
1.4	16QAM	1	5	21.43	21.00	21.08		
1.4	16QAM	3	0	20.93	21.00	20.98		
1.4	16QAM	3	1	20.95	20.89	21.06		
1.4	16QAM	3	3	20.97	21.00	21.09		
1.4	16QAM	6	0	21.05	21.11	21.19	21.7	0
1.4	64QAM	1	0	21.06	21.02	20.81	21.7	0
1.4	64QAM	1	3	21.14	21.27	20.84		
1.4	64QAM	1	5	21.22	20.78	21.31		
1.4	64QAM	3	0	21.08	21.13	21.13		
1.4	64QAM	3	1	21.04	21.15	21.09		
1.4	64QAM	3	3	21.02	21.04	21.21		
1.4	64QAM	6	0	20.91	20.92	21.01	21.7	0
1.4	256QAM	1	0	20.15	20.16	20.16	20.7	1
1.4	256QAM	1	3	20.14	20.34	20.33		
1.4	256QAM	1	5	20.25	20.36	20.30		
1.4	256QAM	3	0	19.96	20.13	20.21		
1.4	256QAM	3	1	20.06	20.07	20.14		
1.4	256QAM	3	3	20.14	20.17	20.01		
1.4	256QAM	6	0	20.08	20.05	20.20	20.7	1

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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.86	25.15	24.95	25.7	0
10	QPSK	1	25	25.03	25.07	25.05		
10	QPSK	1	49	25.02	25.14	25.06		
10	QPSK	25	0	23.94	24.15	23.99	24.7	1
10	QPSK	25	12	24.06	24.03	24.13		
10	QPSK	25	25	24.07	24.10	24.09		
10	QPSK	50	0	24.07	24.09	24.08		
10	16QAM	1	0	23.92	24.07	24.07	24.7	1
10	16QAM	1	25	24.10	24.20	24.13		
10	16QAM	1	49	24.17	24.18	24.58		
10	16QAM	25	0	22.98	22.94	23.09	23.7	2
10	16QAM	25	12	23.01	22.97	23.11		
10	16QAM	25	25	23.09	23.01	23.12		
10	16QAM	50	0	23.05	23.00	23.01		
10	64QAM	1	0	22.96	23.18	23.23	23.7	2
10	64QAM	1	25	22.99	23.32	23.39		
10	64QAM	1	49	23.39	23.35	23.41		
10	64QAM	25	0	21.93	21.93	22.06	22.7	3
10	64QAM	25	12	22.04	22.02	22.14		
10	64QAM	25	25	22.07	22.14	22.13		
10	64QAM	50	0	22.01	22.06	22.02		
10	256QAM	1	0	20.16	20.13	20.16	20.7	5
10	256QAM	1	25	20.26	20.29	20.30		
10	256QAM	1	49	20.21	20.24	20.24		
10	256QAM	25	0	20.10	20.12	20.14	20.7	5
10	256QAM	25	12	20.12	20.12	20.09		
10	256QAM	25	25	20.14	20.13	20.07		
10	256QAM	50	0	20.06	20.11	20.10		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.99	25.07	25.00	25.7	0
5	QPSK	1	12	25.06	25.05	25.03		
5	QPSK	1	24	25.06	25.11	25.13		
5	QPSK	12	0	23.92	24.05	24.08	24.7	1
5	QPSK	12	7	23.96	24.07	24.05		
5	QPSK	12	13	23.97	24.04	23.96		
5	QPSK	25	0	24.03	24.05	24.02		
5	16QAM	1	0	24.35	24.45	24.29	24.7	1
5	16QAM	1	12	24.49	24.59	24.21		
5	16QAM	1	24	24.54	24.56	24.30		
5	16QAM	12	0	22.94	22.98	23.09	23.7	2
5	16QAM	12	7	22.93	22.99	23.06		
5	16QAM	12	13	22.91	23.02	22.96		
5	16QAM	25	0	23.08	23.16	23.17		
5	64QAM	1	0	22.76	22.75	23.17	23.7	2
5	64QAM	1	12	22.82	22.89	23.12		
5	64QAM	1	24	22.92	22.94	23.12		
5	64QAM	12	0	21.98	22.03	22.06	22.7	3
5	64QAM	12	7	21.98	22.08	22.05		
5	64QAM	12	13	21.98	22.01	21.95		
5	64QAM	25	0	21.94	22.12	22.08		
5	256QAM	1	0	20.12	20.02	19.97	20.7	5
5	256QAM	1	12	20.11	20.13	20.09		
5	256QAM	1	24	20.15	20.09	19.91		
5	256QAM	12	0	20.07	19.94	20.06	20.7	5
5	256QAM	12	7	19.99	20.11	19.97		
5	256QAM	12	13	19.97	19.93	19.95		
5	256QAM	25	0	20.11	20.02	20.12		

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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.63	21.70	21.61	22.2	0
10	QPSK	1	25	21.61	21.62	21.57		
10	QPSK	1	49	21.60	21.68	21.58		
10	QPSK	25	0	21.65	21.68	21.67	22.2	0
10	QPSK	25	12	21.58	21.65	21.61		
10	QPSK	25	25	21.60	21.65	21.62		
10	QPSK	50	0	21.61	21.63	21.61		
10	16QAM	1	0	21.67	21.69	21.68	22.2	0
10	16QAM	1	25	21.69	21.65	21.61		
10	16QAM	1	49	21.69	21.60	21.56		
10	16QAM	25	0	21.60	21.63	21.55	22.2	0
10	16QAM	25	12	21.53	21.64	21.63		
10	16QAM	25	25	21.69	21.65	21.62		
10	16QAM	50	0	21.59	21.67	21.61		
10	64QAM	1	0	21.56	21.62	21.31	22.2	0
10	64QAM	1	25	21.60	21.65	21.50		
10	64QAM	1	49	21.68	21.60	21.52		
10	64QAM	25	0	21.61	21.58	21.58	22.2	0
10	64QAM	25	12	21.60	21.60	21.65		
10	64QAM	25	25	21.67	21.69	21.69		
10	64QAM	50	0	21.57	21.66	21.68		
10	256QAM	1	0	20.45	20.39	20.42	20.7	1.5
10	256QAM	1	25	20.49	20.50	20.53		
10	256QAM	1	49	20.46	20.47	20.50		
10	256QAM	25	0	20.32	20.37	20.37	20.7	1.5
10	256QAM	25	12	20.37	20.38	20.41		
10	256QAM	25	25	20.50	20.51	20.40		
10	256QAM	50	0	20.36	20.36	20.39		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.52	21.56	21.69	22.2	0
5	QPSK	1	12	21.59	21.63	21.57		
5	QPSK	1	24	21.64	21.61	21.57		
5	QPSK	12	0	21.57	21.59	21.58	22.2	0
5	QPSK	12	7	21.60	21.62	21.66		
5	QPSK	12	13	21.60	21.62	21.50		
5	QPSK	25	0	21.59	21.61	21.69		
5	16QAM	1	0	21.64	21.68	21.67	22.2	0
5	16QAM	1	12	21.59	21.64	21.69		
5	16QAM	1	24	21.63	21.62	21.60		
5	16QAM	12	0	21.57	21.57	21.57	22.2	0
5	16QAM	12	7	21.61	21.67	21.60		
5	16QAM	12	13	21.51	21.64	21.55		
5	16QAM	25	0	21.55	21.62	21.65		
5	64QAM	1	0	21.58	21.64	21.64	22.2	0
5	64QAM	1	12	21.59	21.47	21.62		
5	64QAM	1	24	21.65	21.48	21.63		
5	64QAM	12	0	21.56	21.62	21.65	22.2	0
5	64QAM	12	7	21.50	21.67	21.68		
5	64QAM	12	13	21.57	21.65	21.45		
5	64QAM	25	0	21.58	21.67	21.68		
5	256QAM	1	0	20.38	20.20	20.37	20.7	1.5
5	256QAM	1	12	20.47	20.30	20.36		
5	256QAM	1	24	20.35	20.46	20.51		
5	256QAM	12	0	20.13	20.17	20.29	20.7	1.5
5	256QAM	12	7	20.20	20.39	20.36		
5	256QAM	12	13	20.47	20.46	20.28		
5	256QAM	25	0	20.30	20.18	20.34		

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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.18	25.21	25.15	25.7	0
15	QPSK	1	37	25.15	25.18	25.07		
15	QPSK	1	74	25.12	25.13	25.07		
15	QPSK	36	0	23.81	23.87	23.79	24.7	1
15	QPSK	36	20	23.77	23.80	23.75		
15	QPSK	36	39	23.75	23.80	23.64		
15	QPSK	75	0	23.82	23.83	23.81		
15	16QAM	1	0	24.00	24.18	24.22	24.7	1
15	16QAM	1	37	24.06	24.23	24.28		
15	16QAM	1	74	24.11	24.19	24.32		
15	16QAM	36	0	22.74	22.81	22.79	23.7	2
15	16QAM	36	20	22.78	22.82	22.77		
15	16QAM	36	39	22.77	22.90	22.72		
15	16QAM	75	0	22.78	22.84	22.81		
15	64QAM	1	0	22.77	23.08	23.10	23.7	2
15	64QAM	1	37	22.90	23.12	22.99		
15	64QAM	1	74	22.77	23.09	22.99		
15	64QAM	36	0	21.80	21.78	21.75	22.7	3
15	64QAM	36	20	21.84	21.78	21.83		
15	64QAM	36	39	21.78	21.77	21.76		
15	64QAM	75	0	21.72	21.75	21.80		
15	256QAM	1	0	19.97	19.89	19.98	20.7	5
15	256QAM	1	37	19.91	19.95	19.86		
15	256QAM	1	74	19.98	19.88	19.98		
15	256QAM	36	0	19.86	19.87	19.78	20.7	5
15	256QAM	36	20	19.82	19.83	19.86		
15	256QAM	36	39	19.62	19.88	19.78		
15	256QAM	75	0	19.82	19.83	19.79		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.71	24.84	24.69	25.7	0
10	QPSK	1	25	24.78	24.82	24.71		
10	QPSK	1	49	24.84	24.81	24.78		
10	QPSK	25	0	23.82	23.78	23.89	24.7	1
10	QPSK	25	12	23.78	23.83	23.80		
10	QPSK	25	25	23.82	23.80	23.82		
10	QPSK	50	0	23.81	23.86	23.93		
10	16QAM	1	0	24.28	23.81	23.57	24.7	1
10	16QAM	1	25	24.28	23.87	23.56		
10	16QAM	1	49	23.85	23.90	23.60		
10	16QAM	25	0	22.72	22.91	22.89	23.7	2
10	16QAM	25	12	22.75	22.90	22.82		
10	16QAM	25	25	22.76	22.85	22.77		
10	16QAM	50	0	22.81	22.86	22.83		
10	64QAM	1	0	22.97	22.96	23.06	23.7	2
10	64QAM	1	25	23.08	23.05	23.03		
10	64QAM	1	49	22.99	23.02	23.09		
10	64QAM	25	0	21.78	21.86	21.79	22.7	3
10	64QAM	25	12	21.78	21.72	21.74		
10	64QAM	25	25	21.85	21.72	21.71		
10	64QAM	50	0	21.77	21.81	21.85		
10	256QAM	1	0	19.62	19.57	19.43	20.7	5
10	256QAM	1	25	19.41	19.61	19.40		
10	256QAM	1	49	19.71	19.55	19.55		
10	256QAM	25	0	19.92	19.64	19.90	20.7	5
10	256QAM	25	12	19.77	19.45	19.63		
10	256QAM	25	25	19.41	19.52	19.81		
10	256QAM	50	0	19.57	19.46	19.71		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.76	24.77	24.78	25.7	0
5	QPSK	1	12	24.84	24.75	24.84		
5	QPSK	1	24	24.78	24.72	24.78		
5	QPSK	12	0	23.77	23.84	23.87	24.7	1
5	QPSK	12	7	23.78	23.86	23.93		
5	QPSK	12	13	23.76	23.76	23.83		
5	QPSK	25	0	23.83	23.82	23.90		
5	16QAM	1	0	23.77	23.84	24.17	24.7	1
5	16QAM	1	12	23.81	23.87	24.23		
5	16QAM	1	24	23.89	23.86	24.26		
5	16QAM	12	0	22.69	22.79	22.89	23.7	2
5	16QAM	12	7	22.77	22.80	22.90		
5	16QAM	12	13	22.72	22.70	22.81		
5	16QAM	25	0	22.74	22.69	22.90		
5	64QAM	1	0	23.06	23.04	23.11	23.7	2
5	64QAM	1	12	22.83	23.09	23.08		
5	64QAM	1	24	23.02	23.03	23.10		
5	64QAM	12	0	21.78	21.88	21.87	22.7	3
5	64QAM	12	7	21.83	21.81	21.84		
5	64QAM	12	13	21.79	21.77	21.82		
5	64QAM	25	0	21.74	21.71	21.92		
5	256QAM	1	0	19.40	19.63	19.48	20.7	5
5	256QAM	1	12	19.66	19.47	19.83		
5	256QAM	1	24	19.64	19.59	19.49		
5	256QAM	12	0	19.84	19.83	19.71	20.7	5
5	256QAM	12	7	19.65	19.81	19.86		
5	256QAM	12	13	19.82	19.78	19.56		
5	256QAM	25	0	19.62	19.52	19.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.87	24.95	24.80	25.7	0
3	QPSK	1	8	24.99	25.02	24.91		
3	QPSK	1	14	24.95	24.99	24.94		
3	QPSK	8	0	23.82	23.81	23.78	24.7	1
3	QPSK	8	4	23.75	23.74	23.83		
3	QPSK	8	7	23.74	23.80	23.88		
3	QPSK	15	0	23.76	23.77	23.90		
3	16QAM	1	0	24.30	24.26	24.02	24.7	1
3	16QAM	1	8	24.23	24.26	24.06		
3	16QAM	1	14	24.26	23.94	24.06		
3	16QAM	8	0	22.83	22.78	22.88	23.7	2
3	16QAM	8	4	22.78	22.74	22.92		
3	16QAM	8	7	22.85	22.79	22.97		
3	16QAM	15	0	22.83	22.81	22.80		
3	64QAM	1	0	22.55	22.82	22.77	23.7	2
3	64QAM	1	8	22.59	22.70	22.87		
3	64QAM	1	14	22.57	22.69	22.79		
3	64QAM	8	0	21.78	21.62	21.70	22.7	3
3	64QAM	8	4	21.83	21.61	21.72		
3	64QAM	8	7	21.88	21.70	21.83		
3	64QAM	15	0	21.69	21.85	21.89		
3	256QAM	1	0	19.84	19.65	19.40	20.7	5
3	256QAM	1	8	19.74	19.44	19.45		
3	256QAM	1	14	19.73	19.46	19.58		
3	256QAM	8	0	19.68	19.79	19.52	20.7	5
3	256QAM	8	4	19.48	19.70	19.95		
3	256QAM	8	7	19.56	19.46	19.79		
3	256QAM	15	0	19.49	19.42	19.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.10	25.12	25.05	25.7	0
1.4	QPSK	1	3	25.14	25.13	25.02		
1.4	QPSK	1	5	25.09	25.09	24.97		
1.4	QPSK	3	0	24.77	24.85	24.78		
1.4	QPSK	3	1	24.85	24.76	24.72		
1.4	QPSK	3	3	24.77	24.70	24.79		
1.4	QPSK	6	0	23.90	23.88	23.90	24.7	1
1.4	16QAM	1	0	24.07	24.09	24.25	24.7	1
1.4	16QAM	1	3	24.03	24.39	24.34		
1.4	16QAM	1	5	23.99	24.10	24.20		
1.4	16QAM	3	0	23.88	23.78	23.78		
1.4	16QAM	3	1	23.82	23.85	23.83		
1.4	16QAM	3	3	23.91	23.79	23.82		
1.4	16QAM	6	0	22.88	22.99	22.99	23.7	2
1.4	64QAM	1	0	22.79	23.19	23.20	23.7	2
1.4	64QAM	1	3	22.74	23.12	23.21		
1.4	64QAM	1	5	22.67	23.09	22.97		
1.4	64QAM	3	0	22.51	23.02	23.02		
1.4	64QAM	3	1	22.65	23.08	23.00		
1.4	64QAM	3	3	22.52	23.01	22.97		
1.4	64QAM	6	0	21.71	21.76	21.86	22.7	3
1.4	256QAM	1	0	19.65	19.46	19.76	20.7	5
1.4	256QAM	1	3	19.40	19.64	19.62		
1.4	256QAM	1	5	19.84	19.88	19.74		
1.4	256QAM	3	0	19.66	19.64	19.64		
1.4	256QAM	3	1	19.49	19.53	19.76		
1.4	256QAM	3	3	19.95	19.54	19.79		
1.4	256QAM	6	0	19.72	19.52	19.90	20.7	5

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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.87	21.88	21.81	22.7	0
15	QPSK	1	37	21.66	21.54	21.58		
15	QPSK	1	74	21.52	21.34	21.43		
15	QPSK	36	0	21.79	21.85	21.75	22.7	0
15	QPSK	36	20	21.57	21.47	21.47		
15	QPSK	36	39	21.55	21.50	21.53		
15	QPSK	75	0	21.58	21.60	21.58		
15	16QAM	1	0	21.51	21.52	21.26	22.7	0
15	16QAM	1	37	21.30	21.64	21.20		
15	16QAM	1	74	21.21	21.40	21.21		
15	16QAM	36	0	21.72	21.54	21.59	22.7	0
15	16QAM	36	20	21.60	21.52	21.48		
15	16QAM	36	39	21.66	21.49	21.56		
15	16QAM	75	0	21.64	21.56	21.58		
15	64QAM	1	0	21.82	21.35	21.87	22.7	0
15	64QAM	1	37	21.74	21.65	21.83		
15	64QAM	1	74	21.82	21.21	21.79		
15	64QAM	36	0	21.66	21.62	21.55	22.7	0
15	64QAM	36	20	21.57	21.53	21.50		
15	64QAM	36	39	21.62	21.52	21.54		
15	64QAM	75	0	21.67	21.49	21.54		
15	256QAM	1	0	19.86	19.81	19.73	20.7	2
15	256QAM	1	37	19.80	19.78	19.73		
15	256QAM	1	74	19.73	19.75	19.83		
15	256QAM	36	0	19.72	19.66	19.71	20.7	2
15	256QAM	36	20	19.73	19.69	19.65		
15	256QAM	36	39	19.76	19.65	19.71		
15	256QAM	75	0	19.72	19.61	19.75		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.62	21.45	21.38	22.7	0
10	QPSK	1	25	21.54	21.50	21.39		
10	QPSK	1	49	21.51	21.44	21.38		
10	QPSK	25	0	21.73	21.50	21.63	22.7	0
10	QPSK	25	12	21.63	21.56	21.49		
10	QPSK	25	25	21.59	21.55	21.59		
10	QPSK	50	0	21.63	21.56	21.65		
10	16QAM	1	0	21.58	21.64	21.72	22.7	0
10	16QAM	1	25	21.50	22.18	22.11		
10	16QAM	1	49	21.44	21.71	21.77		
10	16QAM	25	0	21.63	21.51	21.60	22.7	0
10	16QAM	25	12	21.60	21.47	21.55		
10	16QAM	25	25	21.51	21.58	21.58		
10	16QAM	50	0	21.67	21.52	21.65		
10	64QAM	1	0	21.87	21.90	21.54	22.7	0
10	64QAM	1	25	21.63	21.83	21.57		
10	64QAM	1	49	21.87	21.31	21.63		
10	64QAM	25	0	21.69	21.59	21.63	22.7	0
10	64QAM	25	12	21.56	21.50	21.47		
10	64QAM	25	25	21.51	21.58	21.56		
10	64QAM	50	0	21.64	21.55	21.58		
10	256QAM	1	0	19.84	19.64	19.57	20.7	2
10	256QAM	1	25	19.98	19.58	19.83		
10	256QAM	1	49	19.53	19.72	19.72		
10	256QAM	25	0	19.63	19.54	19.57	20.7	2
10	256QAM	25	12	19.74	19.56	19.45		
10	256QAM	25	25	19.71	19.64	19.64		
10	256QAM	50	0	19.57	19.59	19.62		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.64	21.56	21.43	22.7	0
5	QPSK	1	12	21.64	21.56	21.38		
5	QPSK	1	24	21.68	21.58	21.42		
5	QPSK	12	0	21.54	21.57	21.43	22.7	0
5	QPSK	12	7	21.63	21.55	21.57		
5	QPSK	12	13	21.60	21.57	21.54		
5	QPSK	25	0	21.58	21.57	21.51		
5	16QAM	1	0	22.20	22.15	21.49	22.7	0
5	16QAM	1	12	22.12	21.74	21.77		
5	16QAM	1	24	22.05	22.07	21.65		
5	16QAM	12	0	21.53	21.53	21.43	22.7	0
5	16QAM	12	7	21.71	21.64	21.51		
5	16QAM	12	13	21.50	21.58	21.51		
5	16QAM	25	0	21.68	21.65	21.54		
5	64QAM	1	0	22.09	21.80	21.60	22.7	0
5	64QAM	1	12	21.93	21.90	21.74		
5	64QAM	1	24	21.72	21.77	21.56		
5	64QAM	12	0	21.50	21.61	21.46	22.7	0
5	64QAM	12	7	21.64	21.70	21.55		
5	64QAM	12	13	21.59	21.50	21.54		
5	64QAM	25	0	21.58	21.52	21.52		
5	256QAM	1	0	19.77	19.74	19.61	20.7	2
5	256QAM	1	12	19.80	19.70	19.61		
5	256QAM	1	24	19.72	19.67	19.81		
5	256QAM	12	0	19.59	19.55	19.70	20.7	2
5	256QAM	12	7	19.74	19.56	19.65		
5	256QAM	12	13	19.73	19.53	19.52		
5	256QAM	25	0	19.57	19.44	19.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.58	21.49	21.29	22.7	0
3	QPSK	1	8	21.52	21.44	21.40		
3	QPSK	1	14	21.55	21.40	21.36		
3	QPSK	8	0	21.59	21.56	21.52	22.7	0
3	QPSK	8	4	21.49	21.48	21.48		
3	QPSK	8	7	21.62	21.54	21.42		
3	QPSK	15	0	21.64	21.51	21.53		
3	16QAM	1	0	22.17	21.72	21.42	22.7	0
3	16QAM	1	8	22.14	22.13	22.19		
3	16QAM	1	14	21.72	21.85	22.05		
3	16QAM	8	0	21.70	21.61	21.52	22.7	0
3	16QAM	8	4	21.66	21.49	21.50		
3	16QAM	8	7	21.79	21.71	21.62		
3	16QAM	15	0	21.65	21.61	21.49		
3	64QAM	1	0	21.80	21.36	21.71	22.7	0
3	64QAM	1	8	21.90	21.78	21.71		
3	64QAM	1	14	21.72	21.59	21.77		
3	64QAM	8	0	21.68	21.50	21.40	22.7	0
3	64QAM	8	4	21.57	21.44	21.44		
3	64QAM	8	7	21.72	21.64	21.50		
3	64QAM	15	0	21.70	21.67	21.59		
3	256QAM	1	0	19.85	19.73	19.62	20.7	2
3	256QAM	1	8	19.70	19.65	19.61		
3	256QAM	1	14	19.67	19.57	19.72		
3	256QAM	8	0	19.68	19.52	19.58	20.7	2
3	256QAM	8	4	19.66	19.63	19.45		
3	256QAM	8	7	19.67	19.52	19.65		
3	256QAM	15	0	19.72	19.52	19.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.53	21.50	21.44	22.7	0
1.4	QPSK	1	3	21.64	21.56	21.41		
1.4	QPSK	1	5	21.63	21.54	21.46		
1.4	QPSK	3	0	21.56	21.55	21.52		
1.4	QPSK	3	1	21.62	21.59	21.48		
1.4	QPSK	3	3	21.62	21.57	21.51		
1.4	QPSK	6	0	21.62	21.57	21.50	22.7	0
1.4	16QAM	1	0	22.18	21.57	22.02	22.7	0
1.4	16QAM	1	3	22.18	21.72	22.10		
1.4	16QAM	1	5	21.61	22.13	22.03		
1.4	16QAM	3	0	21.69	21.56	21.39		
1.4	16QAM	3	1	21.66	21.40	21.51		
1.4	16QAM	3	3	21.58	21.51	21.47		
1.4	16QAM	6	0	21.75	21.73	21.67	22.7	0
1.4	64QAM	1	0	21.84	21.78	21.25	22.7	0
1.4	64QAM	1	3	21.90	21.78	21.29		
1.4	64QAM	1	5	21.92	21.78	21.68		
1.4	64QAM	3	0	21.74	21.63	21.70		
1.4	64QAM	3	1	21.81	21.70	21.65		
1.4	64QAM	3	3	21.78	21.65	21.58		
1.4	64QAM	6	0	21.66	21.48	21.39	22.7	0
1.4	256QAM	1	0	19.72	19.81	19.71	20.7	2
1.4	256QAM	1	3	19.64	19.74	19.64		
1.4	256QAM	1	5	19.62	19.56	19.72		
1.4	256QAM	3	0	19.67	19.49	19.60		
1.4	256QAM	3	1	19.61	19.59	19.59		
1.4	256QAM	3	3	19.73	19.48	19.67		
1.4	256QAM	6	0	19.59	19.41	19.73	20.7	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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.81	22.54	22.46	24	0
20	QPSK	1	49	22.83	22.52	22.45		
20	QPSK	1	99	22.89	22.46	22.47		
20	QPSK	50	0	21.64	21.31	21.32	23	1
20	QPSK	50	24	21.63	21.24	21.26		
20	QPSK	50	50	21.54	21.23	21.26		
20	QPSK	100	0	21.55	21.29	21.28		
20	16QAM	1	0	21.64	21.37	21.26	23	1
20	16QAM	1	49	21.62	21.27	21.33		
20	16QAM	1	99	21.54	21.25	21.30		
20	16QAM	50	0	20.61	20.33	20.30	22	2
20	16QAM	50	24	20.59	20.25	20.31		
20	16QAM	50	50	20.56	20.22	20.28		
20	16QAM	100	0	20.56	20.24	20.31		
20	64QAM	1	0	20.32	20.03	20.07	22	2
20	64QAM	1	49	20.29	20.02	20.05		
20	64QAM	1	99	20.26	20.01	20.02		
20	64QAM	50	0	19.59	19.31	19.34	21	3
20	64QAM	50	24	19.61	19.26	19.36		
20	64QAM	50	50	19.56	19.25	19.28		
20	64QAM	100	0	19.62	19.29	19.26		
20	256QAM	1	0	17.24	17.34	17.09	19	5
20	256QAM	1	49	17.27	17.24	17.31		
20	256QAM	1	99	17.19	17.19	17.24		
20	256QAM	50	0	17.35	17.09	17.33	19	5
20	256QAM	50	24	17.14	17.23	17.30		
20	256QAM	50	50	17.22	17.20	17.22		
20	256QAM	100	0	17.30	17.30	17.20		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.77	22.36	22.36	24	0
15	QPSK	1	37	22.78	22.37	22.33		
15	QPSK	1	74	22.70	22.39	22.36		
15	QPSK	36	0	21.73	21.32	21.23	23	1
15	QPSK	36	20	21.69	21.25	21.29		
15	QPSK	36	39	21.68	21.24	21.24		
15	QPSK	75	0	21.71	21.27	21.25		
15	16QAM	1	0	21.72	21.33	21.29	23	1
15	16QAM	1	37	21.79	21.35	21.31		
15	16QAM	1	74	21.69	21.23	21.38		
15	16QAM	36	0	20.71	20.23	20.27	22	2
15	16QAM	36	20	20.59	20.18	20.25		
15	16QAM	36	39	20.60	20.17	20.25		
15	16QAM	75	0	20.69	20.28	20.30		
15	64QAM	1	0	20.53	20.11	20.09	22	2
15	64QAM	1	37	20.52	20.01	20.02		
15	64QAM	1	74	20.52	20.06	20.02		
15	64QAM	36	0	19.73	19.33	19.27	21	3
15	64QAM	36	20	19.70	19.27	19.31		
15	64QAM	36	39	19.64	19.25	19.28		
15	64QAM	75	0	19.73	19.34	19.36		
15	256QAM	1	0	17.23	17.34	17.20	19	5
15	256QAM	1	37	17.17	17.35	17.32		
15	256QAM	1	74	17.19	17.10	17.15		
15	256QAM	36	0	17.17	17.18	17.23	19	5
15	256QAM	36	20	17.11	17.32	17.34		
15	256QAM	36	39	17.09	17.30	17.11		
15	256QAM	75	0	17.34	17.35	17.22		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.86	22.27	22.44	24	0
10	QPSK	1	25	22.81	22.31	22.29		
10	QPSK	1	49	22.77	22.29	22.45		
10	QPSK	25	0	21.77	21.40	21.32	23	1
10	QPSK	25	12	21.71	21.25	21.20		
10	QPSK	25	25	21.72	21.18	21.18		
10	QPSK	50	0	21.78	21.24	21.21		
10	16QAM	1	0	21.73	21.27	21.35	23	1
10	16QAM	1	25	21.78	21.44	21.36		
10	16QAM	1	49	21.66	21.29	21.33		
10	16QAM	25	0	20.61	20.22	20.26	22	2
10	16QAM	25	12	20.65	20.15	20.21		
10	16QAM	25	25	20.62	20.20	20.16		
10	16QAM	50	0	20.73	20.22	20.30		
10	64QAM	1	0	20.52	20.01	20.03	22	2
10	64QAM	1	25	20.51	20.14	20.02		
10	64QAM	1	49	20.46	20.03	20.03		
10	64QAM	25	0	19.75	19.26	19.21	21	3
10	64QAM	25	12	19.62	19.28	19.38		
10	64QAM	25	25	19.71	19.15	19.30		
10	64QAM	50	0	19.75	19.26	19.27		
10	256QAM	1	0	17.23	17.34	17.20	19	5
10	256QAM	1	25	17.17	17.35	17.32		
10	256QAM	1	49	17.19	17.10	17.15		
10	256QAM	25	0	17.17	17.18	17.23	19	5
10	256QAM	25	12	17.11	17.32	17.34		
10	256QAM	25	25	17.09	17.30	17.11		
10	256QAM	50	0	17.34	17.35	17.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	22.84	22.29	22.29	24	0
5	QPSK	1	12	22.80	22.46	22.28		
5	QPSK	1	24	22.78	22.43	22.46		
5	QPSK	12	0	21.70	21.40	21.25	23	1
5	QPSK	12	7	21.74	21.17	21.20		
5	QPSK	12	13	21.62	21.23	21.16		
5	QPSK	25	0	21.75	21.15	21.17		
5	16QAM	1	0	21.68	21.39	21.31	23	1
5	16QAM	1	12	21.72	21.33	21.23		
5	16QAM	1	24	21.79	21.17	21.40		
5	16QAM	12	0	20.73	20.32	20.21	22	2
5	16QAM	12	7	20.56	20.20	20.30		
5	16QAM	12	13	20.50	20.27	20.26		
5	16QAM	25	0	20.77	20.19	20.30		
5	64QAM	1	0	20.59	20.15	20.04	22	2
5	64QAM	1	12	20.62	20.09	20.07		
5	64QAM	1	24	20.53	20.00	20.03		
5	64QAM	12	0	19.65	19.40	19.24	21	3
5	64QAM	12	7	19.65	19.19	19.35		
5	64QAM	12	13	19.59	19.21	19.32		
5	64QAM	25	0	19.74	19.30	19.45		
5	256QAM	1	0	17.23	17.34	17.20	19	5
5	256QAM	1	12	17.17	17.35	17.32		
5	256QAM	1	24	17.19	17.10	17.15		
5	256QAM	12	0	17.17	17.18	17.23	19	5
5	256QAM	12	7	17.11	17.32	17.34		
5	256QAM	12	13	17.09	17.30	17.11		
5	256QAM	25	0	17.34	17.35	17.22		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.54	24.39	24.36	25.5	0
20	QPSK	1	49	24.55	24.38	24.36		
20	QPSK	1	99	24.66	24.37	24.31		
20	QPSK	50	0	23.57	23.32	23.39	24.5	1
20	QPSK	50	24	23.56	23.29	23.39		
20	QPSK	50	50	23.52	23.35	23.38		
20	QPSK	100	0	23.49	23.27	23.41		
20	16QAM	1	0	23.56	23.31	23.30	24.5	1
20	16QAM	1	49	23.50	23.36	23.34		
20	16QAM	1	99	23.56	23.38	23.35		
20	16QAM	50	0	22.53	22.33	22.38	23.5	2
20	16QAM	50	24	22.58	22.33	22.39		
20	16QAM	50	50	22.61	22.33	22.33		
20	16QAM	100	0	22.50	22.25	22.36		
20	64QAM	1	0	22.29	22.06	22.05	23.5	2
20	64QAM	1	49	22.25	22.06	22.10		
20	64QAM	1	99	22.28	22.00	22.11		
20	64QAM	50	0	21.50	21.31	21.38	22.5	3
20	64QAM	50	24	21.59	21.31	21.40		
20	64QAM	50	50	21.54	21.35	21.42		
20	64QAM	100	0	21.55	21.27	21.37		
20	256QAM	1	0	19.09	19.33	19.23	20.5	5
20	256QAM	1	49	19.38	19.45	18.98		
20	256QAM	1	99	19.20	19.26	19.13		
20	256QAM	50	0	19.32	18.95	19.03	20.5	5
20	256QAM	50	24	19.38	19.27	19.37		
20	256QAM	50	50	19.29	19.11	18.94		
20	256QAM	100	0	19.32	19.40	19.42		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.61	24.33	24.32	25.5	0
15	QPSK	1	37	24.56	24.33	24.39		
15	QPSK	1	74	24.60	24.34	24.34		
15	QPSK	36	0	23.43	23.21	23.41	24.5	1
15	QPSK	36	20	23.52	23.24	23.28		
15	QPSK	36	39	23.55	23.23	23.29		
15	QPSK	75	0	23.54	23.18	23.32		
15	16QAM	1	0	23.51	23.24	23.29	24.5	1
15	16QAM	1	37	23.57	23.31	23.33		
15	16QAM	1	74	23.58	23.28	23.38		
15	16QAM	36	0	22.44	22.18	22.30	23.5	2
15	16QAM	36	20	22.47	22.25	22.25		
15	16QAM	36	39	22.54	22.18	22.29		
15	16QAM	75	0	22.55	22.23	22.36		
15	64QAM	1	0	22.32	22.04	22.09	23.5	2
15	64QAM	1	37	22.30	22.06	22.12		
15	64QAM	1	74	22.34	22.00	22.02		
15	64QAM	36	0	21.54	21.26	21.33	22.5	3
15	64QAM	36	20	21.51	21.23	21.26		
15	64QAM	36	39	21.56	21.25	21.34		
15	64QAM	75	0	21.52	21.24	21.30		
15	256QAM	1	0	19.32	19.06	19.37	20.5	5
15	256QAM	1	37	19.44	19.01	19.00		
15	256QAM	1	74	19.25	18.98	18.90		
15	256QAM	36	0	19.02	19.26	19.00	20.5	5
15	256QAM	36	20	19.15	19.21	18.92		
15	256QAM	36	39	19.36	18.95	18.94		
15	256QAM	75	0	19.12	18.91	19.31		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.56	24.31	24.43	25.5	0
10	QPSK	1	25	24.57	24.27	24.31		
10	QPSK	1	49	24.60	24.27	24.40		
10	QPSK	25	0	23.50	23.29	23.34	24.5	1
10	QPSK	25	12	23.59	23.27	23.37		
10	QPSK	25	25	23.55	23.27	23.34		
10	QPSK	50	0	23.52	23.30	23.42		
10	16QAM	1	0	23.55	23.28	23.37	24.5	1
10	16QAM	1	25	23.68	23.31	23.30		
10	16QAM	1	49	23.69	23.24	23.36		
10	16QAM	25	0	22.61	22.33	22.42	23.5	2
10	16QAM	25	12	22.57	22.24	22.44		
10	16QAM	25	25	22.57	22.27	22.37		
10	16QAM	50	0	22.54	22.33	22.39		
10	64QAM	1	0	22.33	22.05	22.08	23.5	2
10	64QAM	1	25	22.28	22.03	22.09		
10	64QAM	1	49	22.36	22.05	22.08		
10	64QAM	25	0	21.57	21.31	21.46	22.5	3
10	64QAM	25	12	21.60	21.31	21.42		
10	64QAM	25	25	21.64	21.30	21.44		
10	64QAM	50	0	21.58	21.26	21.31		
10	256QAM	1	0	19.04	18.94	19.27	20.5	5
10	256QAM	1	25	19.14	19.29	19.05		
10	256QAM	1	49	19.06	19.32	19.33		
10	256QAM	25	0	19.33	19.35	19.15	20.5	5
10	256QAM	25	12	19.31	19.20	18.98		
10	256QAM	25	25	19.12	18.96	19.37		
10	256QAM	50	0	19.42	19.02	19.28		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.52	24.21	24.33	25.5	0
5	QPSK	1	12	24.59	24.18	24.41		
5	QPSK	1	24	24.54	24.20	24.37		
5	QPSK	12	0	23.53	23.14	23.32	24.5	1
5	QPSK	12	7	23.46	23.17	23.36		
5	QPSK	12	13	23.45	23.19	23.28		
5	QPSK	25	0	23.49	23.26	23.35		
5	16QAM	1	0	23.56	23.25	23.29	24.5	1
5	16QAM	1	12	23.57	23.18	23.33		
5	16QAM	1	24	23.54	23.22	23.41		
5	16QAM	12	0	22.44	22.12	22.22	23.5	2
5	16QAM	12	7	22.40	22.08	22.27		
5	16QAM	12	13	22.36	22.10	22.21		
5	16QAM	25	0	22.53	22.23	22.43		
5	64QAM	1	0	22.27	21.96	22.07	23.5	2
5	64QAM	1	12	22.31	21.98	22.12		
5	64QAM	1	24	22.25	21.96	22.11		
5	64QAM	12	0	21.52	21.21	21.31	22.5	3
5	64QAM	12	7	21.55	21.20	21.34		
5	64QAM	12	13	21.51	21.20	21.35		
5	64QAM	25	0	21.54	21.28	21.45		
5	256QAM	1	0	19.02	19.04	19.28	20.5	5
5	256QAM	1	12	18.97	19.01	19.08		
5	256QAM	1	24	19.22	19.11	19.19		
5	256QAM	12	0	19.44	19.20	19.35	20.5	5
5	256QAM	12	7	18.96	19.05	19.30		
5	256QAM	12	13	19.30	18.94	19.00		
5	256QAM	25	0	19.06	19.08	19.36		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.12	20.11	20.10	20.2	0
20	QPSK	1	49	20.11	20.14	20.09		
20	QPSK	1	99	20.18	20.16	20.17		
20	QPSK	50	0	20.16	20.09	20.15	20.2	0
20	QPSK	50	24	20.09	20.05	20.10		
20	QPSK	50	50	20.09	20.07	20.10		
20	QPSK	100	0	20.15	20.12	20.10		
20	16QAM	1	0	20.17	20.15	20.15	20.2	0
20	16QAM	1	49	20.17	20.09	20.10		
20	16QAM	1	99	20.10	20.16	20.13		
20	16QAM	50	0	20.16	20.10	20.09	20.2	0
20	16QAM	50	24	20.09	20.15	20.11		
20	16QAM	50	50	20.14	20.10	20.12		
20	16QAM	100	0	20.15	20.12	20.09		
20	64QAM	1	0	20.17	20.11	20.11	20.2	0
20	64QAM	1	49	20.16	20.10	20.14		
20	64QAM	1	99	20.17	20.09	20.10		
20	64QAM	50	0	20.12	20.16	20.15	20.2	0
20	64QAM	50	24	20.13	20.13	20.16		
20	64QAM	50	50	20.12	20.16	20.15		
20	64QAM	100	0	20.09	20.11	20.16		
20	256QAM	1	0	19.71	19.72	19.78	20.2	0
20	256QAM	1	49	19.69	19.62	19.66		
20	256QAM	1	99	19.66	19.67	19.53		
20	256QAM	50	0	19.96	19.86	20.00	20.2	0
20	256QAM	50	24	19.94	19.86	19.97		
20	256QAM	50	50	19.89	19.84	19.88		
20	256QAM	100	0	19.87	19.78	19.85		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.04	20.15	20.11	20.2	0
15	QPSK	1	37	20.10	20.12	20.09		
15	QPSK	1	74	20.17	20.17	20.17		
15	QPSK	36	0	20.16	20.02	20.15	20.2	0
15	QPSK	36	20	20.10	20.12	20.11		
15	QPSK	36	39	20.02	20.17	20.13		
15	QPSK	75	0	20.15	20.10	20.14		
15	16QAM	1	0	20.10	20.17	20.14	20.2	0
15	16QAM	1	37	20.16	20.02	20.12		
15	16QAM	1	74	20.17	20.10	20.13		
15	16QAM	36	0	20.12	20.08	20.14	20.2	0
15	16QAM	36	20	20.16	20.10	20.15		
15	16QAM	36	39	20.11	20.17	20.14		
15	16QAM	75	0	20.14	20.12	20.17		
15	64QAM	1	0	20.17	20.13	20.13	20.2	0
15	64QAM	1	37	20.12	20.13	20.14		
15	64QAM	1	74	20.16	20.02	20.12		
15	64QAM	36	0	20.11	20.17	20.15	20.2	0
15	64QAM	36	20	20.16	20.02	20.02		
15	64QAM	36	39	20.15	20.11	20.17		
15	64QAM	75	0	20.17	20.16	20.02		
15	256QAM	1	0	19.71	19.62	19.71	20.2	0
15	256QAM	1	37	19.62	19.57	19.58		
15	256QAM	1	74	19.59	19.61	19.49		
15	256QAM	36	0	19.90	19.79	19.93	20.2	0
15	256QAM	36	20	19.91	19.80	19.94		
15	256QAM	36	39	19.83	19.76	19.80		
15	256QAM	75	0	19.83	19.73	19.82		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.14	20.10	20.12	20.2	0
10	QPSK	1	25	20.15	20.13	20.12		
10	QPSK	1	49	20.12	20.16	20.14		
10	QPSK	25	0	20.07	20.17	20.01	20.2	0
10	QPSK	25	12	20.06	20.11	20.07		
10	QPSK	25	25	20.07	20.16	20.07		
10	QPSK	50	0	20.10	20.06	20.01		
10	16QAM	1	0	20.11	20.15	20.12	20.2	0
10	16QAM	1	25	20.10	20.06	20.15		
10	16QAM	1	49	20.07	20.12	20.12		
10	16QAM	25	0	20.15	20.16	20.07	20.2	0
10	16QAM	25	12	20.07	20.12	20.16		
10	16QAM	25	25	20.06	20.14	20.11		
10	16QAM	50	0	20.15	20.01	20.07		
10	64QAM	1	0	20.06	20.16	20.13	20.2	0
10	64QAM	1	25	20.11	20.17	20.10		
10	64QAM	1	49	20.12	20.12	20.06		
10	64QAM	25	0	20.13	20.12	20.17	20.2	0
10	64QAM	25	12	20.10	20.14	20.15		
10	64QAM	25	25	20.12	20.17	20.15		
10	64QAM	50	0	20.07	20.07	20.07		
10	256QAM	1	0	19.68	19.62	19.68	20.2	0
10	256QAM	1	25	19.69	19.56	19.63		
10	256QAM	1	49	19.57	19.57	19.43		
10	256QAM	25	0	19.85	19.75	19.91	20.2	0
10	256QAM	25	12	19.84	19.83	19.94		
10	256QAM	25	25	19.82	19.75	19.85		
10	256QAM	50	0	19.81	19.67	19.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.14	20.05	20.01	20.2	0
5	QPSK	1	12	20.15	20.07	20.13		
5	QPSK	1	24	20.14	20.12	20.07		
5	QPSK	12	0	20.11	20.17	20.08	20.2	0
5	QPSK	12	7	20.12	20.07	20.15		
5	QPSK	12	13	20.16	20.17	20.14		
5	QPSK	25	0	20.01	20.03	20.10		
5	16QAM	1	0	20.15	20.14	20.16	20.2	0
5	16QAM	1	12	20.16	20.16	20.07		
5	16QAM	1	24	20.14	20.16	20.10		
5	16QAM	12	0	20.16	20.13	20.10	20.2	0
5	16QAM	12	7	20.07	20.12	20.10		
5	16QAM	12	13	20.13	20.15	20.11		
5	16QAM	25	0	20.14	20.12	20.17		
5	64QAM	1	0	20.07	20.16	20.13	20.2	0
5	64QAM	1	12	20.11	20.01	20.16		
5	64QAM	1	24	20.10	20.07	20.03		
5	64QAM	12	0	20.15	20.15	20.12	20.2	0
5	64QAM	12	7	20.17	20.07	20.17		
5	64QAM	12	13	20.10	20.16	20.14		
5	64QAM	25	0	20.12	20.10	20.13		
5	256QAM	1	0	19.65	19.63	19.78	20.2	0
5	256QAM	1	12	19.63	19.61	19.59		
5	256QAM	1	24	19.66	19.67	19.49		
5	256QAM	12	0	19.95	19.85	19.91	20.2	0
5	256QAM	12	7	19.83	19.85	19.97		
5	256QAM	12	13	19.85	19.74	19.77		
5	256QAM	25	0	19.84	19.73	19.82		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.92	16.82	16.82	18	0
20	QPSK	1	49	16.91	16.87	16.84		
20	QPSK	1	99	17.21	16.89	16.90		
20	QPSK	50	0	17.11	16.93	17.00		
20	QPSK	50	24	16.92	16.85	16.98	18	0
20	QPSK	50	50	17.03	16.84	16.96		
20	QPSK	100	0	17.02	16.95	16.97		
20	16QAM	1	0	17.08	17.05	17.07		
20	16QAM	1	49	17.14	17.13	17.10	18	0
20	16QAM	1	99	17.18	17.16	17.15		
20	16QAM	50	0	16.94	17.03	17.00		
20	16QAM	50	24	17.07	16.98	17.08	18	0
20	16QAM	50	50	17.08	17.03	17.07		
20	16QAM	100	0	17.00	16.95	16.99		
20	64QAM	1	0	16.98	17.01	16.94		
20	64QAM	1	49	17.05	17.03	17.01	18	0
20	64QAM	1	99	17.13	17.01	17.09		
20	64QAM	50	0	17.01	16.93	17.04		
20	64QAM	50	24	17.07	17.04	17.03	18	0
20	64QAM	50	50	17.03	17.04	16.97		
20	64QAM	100	0	16.99	16.97	16.98		
20	256QAM	1	0	16.80	16.95	16.87		
20	256QAM	1	49	16.94	16.86	16.89	18	0
20	256QAM	1	99	17.05	16.89	17.03		
20	256QAM	50	0	16.86	16.81	16.98		
20	256QAM	50	24	16.89	16.87	16.91	18	0
20	256QAM	50	50	16.86	16.86	16.89		
20	256QAM	100	0	16.87	16.79	16.88		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.87	16.78	16.79	18	0
15	QPSK	1	37	16.84	16.78	16.78		
15	QPSK	1	74	17.11	16.89	16.83		
15	QPSK	36	0	17.09	16.86	16.99	18	0
15	QPSK	36	20	16.87	17.02	16.94		
15	QPSK	36	39	16.97	16.94	17.02		
15	QPSK	75	0	16.98	16.92	16.87		
15	16QAM	1	0	17.01	17.03	17.07		
15	16QAM	1	37	17.04	17.09	17.10	18	0
15	16QAM	1	74	17.14	17.05	17.08		
15	16QAM	36	0	16.89	16.95	16.91		
15	16QAM	36	20	17.06	16.94	17.02	18	0
15	16QAM	36	39	16.99	16.98	16.97		
15	16QAM	75	0	16.94	16.93	16.89		
15	64QAM	1	0	16.94	16.94	16.93		
15	64QAM	1	37	17.03	16.95	16.92	18	0
15	64QAM	1	74	17.05	16.97	17.01		
15	64QAM	36	0	17.01	16.93	16.97	18	0
15	64QAM	36	20	17.01	16.94	16.99		
15	64QAM	36	39	16.96	16.97	16.94		
15	64QAM	75	0	16.89	16.93	16.91		
15	256QAM	1	0	16.70	16.91	16.84		
15	256QAM	1	37	16.91	16.82	16.86	18	0
15	256QAM	1	74	17.01	16.86	16.98		
15	256QAM	36	0	16.82	16.79	16.98		
15	256QAM	36	20	16.85	16.87	16.85	18	0
15	256QAM	36	39	16.83	16.83	16.79		
15	256QAM	75	0	16.84	16.71	16.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.86	16.77	16.79	18	0
10	QPSK	1	25	16.87	16.76	16.80		
10	QPSK	1	49	17.10	16.85	16.87		
10	QPSK	25	0	17.02	16.90	16.91	18	0
10	QPSK	25	12	16.86	17.02	16.94		
10	QPSK	25	25	17.02	16.97	16.98		
10	QPSK	50	0	16.99	16.90	16.89		
10	16QAM	1	0	17.02	16.98	16.96	18	0
10	16QAM	1	25	17.06	17.02	17.07		
10	16QAM	1	49	17.17	17.12	17.08		
10	16QAM	25	0	16.91	17.03	16.98	18	0
10	16QAM	25	12	17.00	16.91	17.07		
10	16QAM	25	25	17.02	16.98	17.00		
10	16QAM	50	0	16.99	16.94	16.99		
10	64QAM	1	0	16.94	16.96	16.84		
10	64QAM	1	25	16.95	17.01	16.93	18	0
10	64QAM	1	49	17.03	17.00	17.07		
10	64QAM	25	0	17.01	16.82	17.03	18	0
10	64QAM	25	12	17.07	16.95	17.00		
10	64QAM	25	25	17.02	16.95	16.93		
10	64QAM	50	0	16.91	16.92	16.86		
10	256QAM	1	0	16.71	16.87	16.85	18	0
10	256QAM	1	25	16.87	16.78	16.79		
10	256QAM	1	49	16.94	16.85	16.94		
10	256QAM	25	0	16.84	16.76	16.87	18	0
10	256QAM	25	12	16.82	16.84	16.82		
10	256QAM	25	25	16.75	16.78	16.86		
10	256QAM	50	0	16.82	16.75	16.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.84	16.75	16.75	18	0
5	QPSK	1	12	16.86	16.86	16.82		
5	QPSK	1	24	17.13	16.82	16.82		
5	QPSK	12	0	17.11	16.89	16.90	18	0
5	QPSK	12	7	16.88	16.97	16.96		
5	QPSK	12	13	17.02	17.01	16.91		
5	QPSK	25	0	16.98	16.86	16.89		
5	16QAM	1	0	17.01	17.00	17.01		
5	16QAM	1	12	17.10	17.08	17.05	18	0
5	16QAM	1	24	17.15	17.15	17.13		
5	16QAM	12	0	16.84	17.01	16.97		
5	16QAM	12	7	17.06	16.98	17.02	18	0
5	16QAM	12	13	17.05	16.92	17.00		
5	16QAM	25	0	17.00	16.85	16.90		
5	64QAM	1	0	16.87	16.99	16.90		
5	64QAM	1	12	16.98	16.98	16.98	18	0
5	64QAM	1	24	17.13	16.96	17.04		
5	64QAM	12	0	17.00	16.87	16.93		
5	64QAM	12	7	16.96	16.97	16.94	18	0
5	64QAM	12	13	16.92	16.99	16.94		
5	64QAM	25	0	16.91	16.94	16.83		
5	256QAM	1	0	16.71	16.93	16.79		
5	256QAM	1	12	16.91	16.81	16.89	18	0
5	256QAM	1	24	17.02	16.79	16.96		
5	256QAM	12	0	16.76	16.71	16.95		
5	256QAM	12	7	16.82	16.85	16.86	18	0
5	256QAM	12	13	16.86	16.77	16.79		
5	256QAM	25	0	16.86	16.75	16.83		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				3506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.04	23.24	23.38	23.24	23.09	24	0
20	QPSK	1	49	23.10	23.31	23.35	23.25	23.18		
20	QPSK	1	99	23.15	23.46	23.47	23.33	23.21		
20	QPSK	50	0	22.15	22.42	22.41	22.35	22.21	23	1
20	QPSK	50	24	22.11	22.29	22.37	22.22	22.16		
20	QPSK	50	50	22.14	22.27	22.35	22.31	22.11		
20	QPSK	100	0	22.12	22.38	22.37	22.25	22.13		
20	16QAM	1	0	22.11	22.33	22.43	22.25	22.17	23	1
20	16QAM	1	49	22.12	22.24	22.30	22.28	22.14		
20	16QAM	1	99	22.13	22.27	22.35	22.31	22.08		
20	16QAM	50	0	21.09	21.28	21.45	21.24	21.22	22	2
20	16QAM	50	24	21.11	21.31	21.43	21.27	21.19		
20	16QAM	50	50	21.14	21.29	21.38	21.27	21.18		
20	16QAM	100	0	21.15	21.25	21.36	21.27	21.16		
20	64QAM	1	0	20.92	20.96	21.18	20.96	20.85	22	2
20	64QAM	1	49	20.82	20.98	21.08	20.95	20.82		
20	64QAM	1	99	20.80	20.98	21.03	20.92	20.82		
20	64QAM	50	0	20.05	20.25	20.39	20.21	20.16	21	3
20	64QAM	50	24	20.08	20.25	20.38	20.23	20.14		
20	64QAM	50	50	20.13	20.29	20.33	20.23	20.13		
20	64QAM	100	0	20.08	20.24	20.31	20.18	20.17		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	5
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90		
20	256QAM	1	99	17.84	17.70	17.60	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71	19	5
20	256QAM	50	24	17.85	17.75	17.93	17.63	17.86		
20	256QAM	50	50	17.71	17.84	17.67	17.65	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.65	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.12	23.31	23.45	23.24	23.27	24.00	0
15	QPSK	1	37	23.14	23.28	23.35	23.17	23.08		
15	QPSK	1	74	23.11	23.23	23.42	23.22	23.06		
15	QPSK	36	0	22.16	22.19	22.38	22.30	22.03	23	1
15	QPSK	36	20	22.14	22.24	22.35	22.19	22.24		
15	QPSK	36	39	22.05	22.18	22.38	22.27	22.07		
15	QPSK	75	0	22.10	22.28	22.30	22.15	22.12		
15	16QAM	1	0	22.11	22.32	22.51	22.30	22.17	23	1
15	16QAM	1	37	22.18	22.14	22.22	22.28	22.21		
15	16QAM	1	74	22.13	22.24	22.38	22.22	22.10		
15	16QAM	36	0	21.14	21.38	21.51	21.20	21.15	22	2
15	16QAM	36	20	21.07	21.29	21.45	21.34	21.13		
15	16QAM	36	39	21.18	21.22	21.28	21.37	21.20		
15	16QAM	75	0	21.16	21.25	21.40	21.26	21.10		
15	64QAM	1	0	20.86	20.87	21.20	20.90	20.82	22	2
15	64QAM	1	37	20.74	21.03	21.05	20.92	20.75		
15	64QAM	1	74	20.82	21.06	21.05	20.88	20.89		
15	64QAM	36	0	20.08	20.32	20.49	20.14	20.24	21	3
15	64QAM	36	20	20.15	20.30	20.35	20.23	20.08		
15	64QAM	36	39	20.09	20.24	20.35	20.24	20.14		
15	64QAM	75	0	19.99	20.22	20.27	20.18	20.27		
15	256QAM	1	0	17.95	17.71	17.93	17.79	17.88	19	5
15	256QAM	1	37	17.68	17.59	17.69	17.61	17.81		
15	256QAM	1	74	17.89	17.65	17.68	17.68	17.71		
15	256QAM	36	0	17.64	17.65	17.58	17.89	17.60	19	5
15	256QAM	36	20	17.79	17.87	17.86	17.93	17.94		
15	256QAM	36	39	17.63	17.69	17.67	17.93	17.90		
15	256QAM	75	0	17.87	17.72	17.81	17.65	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.17	23.24	23.28	23.27	23.29	24.00	0
10	QPSK	1	25	23.19	23.22	23.37	23.17	23.14		
10	QPSK	1	49	23.04	23.23	23.34	23.24	23.06		
10	QPSK	25	0	22.24	22.31	22.50	22.30	22.11	23	1
10	QPSK	25	12	22.20	22.29	22.43	22.28	22.25		
10	QPSK	25	25	22.15	22.34	22.36	22.26	22.07		
10	QPSK	50	0	22.18	22.15	22.43	22.25	22.14		
10	16QAM	1	0	22.05	22.43	22.47	22.25	22.24	23	1
10	16QAM	1	25	22.09	22.31	22.37	22.21	22.19		
10	16QAM	1	49	22.18	22.17	22.26	22.22	21.99		
10	16QAM	25	0	21.11	21.29	21.52	21.32	21.26	22	2
10	16QAM	25	12	21.02	21.27	21.45	21.27	21.22		
10	16QAM	25	25	21.04	21.27	21.39	21.33	21.18		
10	16QAM	50	0	21.12	21.34	21.36	21.31	21.26		
10	64QAM	1	0	20.98	20.89	21.26	20.87	20.89	22	2
10	64QAM	1	25	20.77	20.95	21.04	21.01	20.82		
10	64QAM	1	49	20.82	21.07	20.95	20.89	20.86		
10	64QAM	25	0	20.13	20.28	20.48	20.13	20.21	21	3
10	64QAM	25	12	20.14	20.31	20.28	20.15	20.04		
10	64QAM	25	25	20.19	20.37	20.43	20.21	20.20		
10	64QAM	50	0	20.18	20.24	20.27	20.24	20.09		
10	256QAM	1	0	17.79	17.83	17.87	17.64	17.77	19	5
10	256QAM	1	25	17.85	17.91	17.65	17.76	17.94		
10	256QAM	1	49	17.92	17.87	17.79	17.91	17.69		
10	256QAM	25	0	17.65	17.77	17.91	17.73	17.88	19	5
10	256QAM	25	12	17.63	17.61	17.75	17.75	17.76		
10	256QAM	25	25	17.64	17.90	17.81	17.90	17.92		
10	256QAM	50	0	17.88	17.85	17.86	17.81	17.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.04	23.21	23.41	23.26	23.14	24.00	0
5	QPSK	1	12	23.10	23.35	23.34	23.24	23.09		
5	QPSK	1	24	23.18	23.26	23.37	23.35	23.06		
5	QPSK	12	0	22.14	22.33	22.35	22.30	22.17	23	1
5	QPSK	12	7	22.20	22.20	22.36	22.13	22.25		
5	QPSK	12	13	22.05	22.37	22.38	22.27	22.20		
5	QPSK	25	0	22.11	22.20	22.38	22.22	22.22		
5	16QAM	1	0	22.06	22.24	22.34	22.35	22.09	23	1
5	16QAM	1	12	22.10	22.32	22.22	22.34	22.20		
5	16QAM	1	24	22.05	22.21	22.37	22.27	22.12		
5	16QAM	12	0	21.15	21.38	21.47	21.21	21.12	22	2
5	16QAM	12	7	21.12	21.29	21.53	21.30	21.22		
5	16QAM	12	13	21.21	21.25	21.44	21.20	21.21		
5	16QAM	25	0	21.13	21.19	21.47	21.18	21.09		
5	64QAM	1	0	20.89	20.88	21.18	20.88	20.91	22	2
5	64QAM	1	12	20.90	21.07	21.17	21.03	20.79		
5	64QAM	1	24	20.72	21.03	21.09	20.89	20.90		
5	64QAM	12	0	20.11	20.24	20.45	20.31	20.17	21	3
5	64QAM	12	7	20.09	20.21	20.40	20.27	20.13		
5	64QAM	12	13	20.21	20.31	20.41	20.14	20.17		
5	64QAM	25	0	20.03	20.21	20.21	20.12	20.16		
5	256QAM	1	0	17.61	17.59	17.59	17.92	17.69	19	5
5	256QAM	1	12	17.89	17.69	17.92	17.94	17.75		
5	256QAM	1	24	17.92	17.72	17.88	17.79	17.69		
5	256QAM	12	0	17.86	17.91	17.85	17.60	17.84		
5	256QAM	12	7	17.90	17.74	17.59	17.73	17.70		
5	256QAM	12	13	17.65	17.95	17.67	17.92	17.69		
5	256QAM	25	0	17.78	17.91	17.84	17.67	17.60		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.63	24.70	24.95	24.77	25.05	25.5	0
20	QPSK	1	49	24.62	24.79	25.06	24.73	25.03		
20	QPSK	1	99	24.67	25.13	25.12	24.78	25.10		
20	QPSK	50	0	23.82	24.15	24.14	23.79	24.07	24.5	1
20	QPSK	50	24	23.63	23.79	24.09	23.74	24.06		
20	QPSK	50	50	23.69	23.83	24.09	23.71	24.04		
20	QPSK	100	0	23.66	24.05	24.03	23.81	24.02		
20	16QAM	1	0	23.64	23.86	24.00	23.72	23.97	24.5	1
20	16QAM	1	49	23.70	23.70	24.05	23.79	24.01		
20	16QAM	1	99	23.68	23.80	24.08	23.84	24.00		
20	16QAM	50	0	22.59	22.82	23.04	22.82	23.01	23.5	2
20	16QAM	50	24	22.63	22.84	23.05	22.85	23.04		
20	16QAM	50	50	22.72	22.81	23.07	22.88	23.04		
20	16QAM	100	0	22.69	22.77	23.01	22.83	23.00		
20	64QAM	1	0	22.37	22.56	22.72	22.54	22.71	23.5	2
20	64QAM	1	49	22.39	22.57	22.73	22.55	22.79		
20	64QAM	1	99	22.42	22.54	22.80	22.56	22.77		
20	64QAM	50	0	21.57	21.79	21.95	21.85	22.03	22.5	3
20	64QAM	50	24	21.65	21.81	22.02	21.79	22.04		
20	64QAM	50	50	21.74	21.83	21.99	21.81	21.97		
20	64QAM	100	0	21.66	21.77	21.86	21.79	21.99		
20	256QAM	1	0	19.79	19.60	19.86	19.59	19.70	20.5	5
20	256QAM	1	49	19.46	19.52	19.75	19.95	19.62		
20	256QAM	1	99	19.83	19.56	19.77	19.74	19.79		
20	256QAM	50	0	19.78	19.92	19.49	19.65	19.87	20.5	5
20	256QAM	50	24	19.62	19.83	19.77	19.53	19.49		
20	256QAM	50	50	19.74	19.62	19.73	19.93	19.56		
20	256QAM	100	0	19.73	19.58	19.75	19.81	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.60	25.03	24.87	24.82	24.91	25.50	0
15	QPSK	1	37	24.54	25.01	24.83	24.79	24.99		
15	QPSK	1	74	24.61	25.07	24.85	24.88	24.97		
15	QPSK	36	0	23.50	23.95	23.81	23.74	23.94	24.5	1
15	QPSK	36	20	23.50	23.99	23.75	23.75	23.96		
15	QPSK	36	39	23.59	24.02	23.74	23.72	23.95		
15	QPSK	75	0	23.59	23.98	23.81	23.75	23.96		
15	16QAM	1	0	23.63	23.95	23.84	23.74	23.95	24.5	1
15	16QAM	1	37	23.66	23.98	23.76	23.75	23.96		
15	16QAM	1	74	23.65	24.06	23.78	23.73	24.01		
15	16QAM	36	0	22.49	22.91	22.77	22.72	22.92	23.5	2
15	16QAM	36	20	22.51	22.99	22.73	22.69	22.92		
15	16QAM	36	39	22.54	23.01	22.71	22.72	22.91		
15	16QAM	75	0	22.64	23.00	22.74	22.74	22.98		
15	64QAM	1	0	22.35	22.66	22.54	22.42	22.61	23.5	2
15	64QAM	1	37	22.29	22.72	22.51	22.50	22.66		
15	64QAM	1	74	22.30	22.80	22.51	22.43	22.73		
15	64QAM	36	0	21.56	22.00	21.76	21.73	21.95	22.5	3
15	64QAM	36	20	21.53	21.98	21.72	21.70	21.99		
15	64QAM	36	39	21.59	22.00	21.74	21.71	21.94		
15	64QAM	75	0	21.58	21.96	21.73	21.70	21.96		
15	256QAM	1	0	19.49	19.43	19.94	19.45	19.44	20.5	5
15	256QAM	1	37	19.51	19.76	19.46	19.73	19.77		
15	256QAM	1	74	19.88	19.50	19.61	19.62	19.51		
15	256QAM	36	0	19.42	19.63	19.44	19.52	19.58	20.5	5
15	256QAM	36	20	19.73	19.44	19.93	19.64	19.83		
15	256QAM	36	39	19.79	19.83	19.89	19.55	19.88		
15	256QAM	75	0	19.62	19.63	19.90	19.61	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.51	24.96	24.78	24.89	24.91	25.50	0
10	QPSK	1	25	24.45	25.11	24.88	24.73	25.07		
10	QPSK	1	49	24.67	25.10	24.82	24.93	24.91		
10	QPSK	25	0	23.49	23.85	23.75	23.79	24.00	24.5	1
10	QPSK	25	12	23.55	23.96	23.96	23.68	23.87		
10	QPSK	25	25	23.57	24.02	23.82	23.82	23.97		
10	QPSK	50	0	23.62	24.05	23.78	23.83	23.87		
10	16QAM	1	0	23.71	24.01	23.92	23.80	23.96	24.5	1
10	16QAM	1	25	23.59	24.00	23.73	23.80	24.05		
10	16QAM	1	49	23.55	24.11	23.70	23.63	23.95		
10	16QAM	25	0	22.41	22.82	22.84	22.79	22.98	23.5	2
10	16QAM	25	12	22.44	22.91	22.71	22.78	23.01		
10	16QAM	25	25	22.58	23.05	22.78	22.69	22.82		
10	16QAM	50	0	22.71	22.98	22.68	22.68	22.93		
10	64QAM	1	0	22.39	22.67	22.45	22.52	22.57	23.5	2
10	64QAM	1	25	22.34	22.75	22.44	22.45	22.72		
10	64QAM	1	49	22.36	22.83	22.46	22.37	22.68		
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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.63	19.79	20.01	19.93	19.99	20.2	0
20	QPSK	1	49	19.64	19.90	20.07	19.85	19.98		
20	QPSK	1	99	19.71	20.19	20.14	20.01	20.07		
20	QPSK	50	0	19.68	20.18	20.17	19.97	20.04	20.2	0
20	QPSK	50	24	19.63	19.80	20.10	19.93	19.96		
20	QPSK	50	50	19.52	19.80	19.96	19.90	19.93		
20	QPSK	100	0	19.56	20.02	20.00	19.91	20.01		
20	16QAM	1	0	19.66	19.81	19.88	19.91	20.06	20.2	0
20	16QAM	1	49	19.52	19.93	19.80	19.97	20.00		
20	16QAM	1	99	19.69	20.07	19.77	19.97	19.93		
20	16QAM	50	0	19.59	19.93	19.86	19.90	20.04	20.2	0
20	16QAM	50	24	19.63	20.02	19.85	19.94	20.03		
20	16QAM	50	50	19.65	19.90	19.88	19.97	19.98		
20	16QAM	100	0	19.60	19.94	19.92	19.93	19.97		
20	64QAM	1	0	19.66	19.55	19.52	19.70	19.66	20.2	0
20	64QAM	1	49	19.64	19.63	19.70	19.59	19.69		
20	64QAM	1	99	19.62	19.69	19.61	19.66	19.72		
20	64QAM	50	0	19.55	19.97	19.76	19.90	20.03	20.2	0
20	64QAM	50	24	19.62	19.92	19.86	19.85	20.02		
20	64QAM	50	50	19.64	19.99	19.95	19.99	19.94		
20	64QAM	100	0	19.62	19.83	19.87	19.89	20.02		
20	256QAM	1	0	19.78	19.63	19.69	19.77	19.59	20.2	0
20	256QAM	1	49	19.88	19.63	19.59	19.69	19.64		
20	256QAM	1	99	19.66	19.68	19.74	19.79	19.82		
20	256QAM	50	0	19.70	19.68	19.93	19.53	19.89	20.2	0
20	256QAM	50	24	19.77	19.70	19.81	19.67	19.79		
20	256QAM	50	50	19.62	19.64	19.65	19.77	19.72		
20	256QAM	100	0	19.57	19.69	19.65	19.83	19.77		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.59	19.71	19.99	19.85	19.90	20.20	0
15	QPSK	1	37	19.59	19.82	20.06	19.84	19.88		
15	QPSK	1	74	19.57	20.12	20.08	20.00	20.00		
15	QPSK	36	0	19.57	20.10	20.17	19.87	20.01	20.2	0
15	QPSK	36	20	19.56	19.70	20.01	19.90	19.92		
15	QPSK	36	39	19.52	19.74	19.91	19.89	19.85		
15	QPSK	75	0	19.45	19.99	19.98	19.82	19.90		
15	16QAM	1	0	19.61	19.76	19.86	19.83	19.96	20.2	0
15	16QAM	1	37	19.51	19.88	19.74	19.96	19.99		
15	16QAM	1	74	19.68	19.97	19.76	19.93	19.85		
15	16QAM	36	0	19.59	19.87	19.79	19.85	19.94	20.2	0
15	16QAM	36	20	19.57	19.97	19.81	19.84	19.99		
15	16QAM	36	39	19.60	19.83	19.82	19.91	19.88		
15	16QAM	75	0	19.54	19.87	19.81	19.93	19.88		
15	64QAM	1	0	19.64	19.54	19.50	19.69	19.57	20.2	0
15	64QAM	1	37	19.63	19.61	19.67	19.53	19.62		
15	64QAM	1	74	19.52	19.62	19.50	19.61	19.69		
15	64QAM	36	0	19.47	19.91	19.75	19.79	19.97	20.2	0
15	64QAM	36	20	19.53	19.82	19.84	19.74	19.91		
15	64QAM	36	39	19.64	19.97	19.94	19.97	19.94		
15	64QAM	75	0	19.60	19.72	19.80	19.80	19.95		
15	256QAM	1	0	19.67	19.62	19.64	19.76	19.52	20.2	0
15	256QAM	1	37	19.84	19.61	19.56	19.59	19.54		
15	256QAM	1	74	19.55	19.62	19.72	19.78	19.81		
15	256QAM	36	0	19.62	19.59	19.86	19.49	19.83	20.2	0
15	256QAM	36	20	19.77	19.59	19.75	19.58	19.71		
15	256QAM	36	39	19.58	19.54	19.60	19.71	19.69		
15	256QAM	75	0	19.57	19.59	19.55	19.72	19.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.59	19.75	20.00	19.87	19.89	20.20	0
10	QPSK	1	25	19.64	19.87	20.00	19.74	19.87		
10	QPSK	1	49	19.56	20.11	20.12	19.94	20.05		
10	QPSK	25	0	19.52	20.15	20.06	19.94	19.96	20.2	0
10	QPSK	25	12	19.61	19.80	20.06	19.82	19.87		
10	QPSK	25	25	19.41	19.70	19.87	19.83	19.91		
10	QPSK	50	0	19.54	20.01	19.98	19.88	20.01		
10	16QAM	1	0	19.64	19.81	19.77	19.87	20.06	20.2	0
10	16QAM	1	25	19.50	19.87	19.78	19.96	19.98		
10	16QAM	1	49	19.63	19.98	19.67	19.90	19.91		
10	16QAM	25	0	19.49	19.87	19.78	19.84	20.00	20.2	0
10	16QAM	25	12	19.57	20.00	19.75	19.86	19.99		
10	16QAM	25	25	19.65	19.90	19.87	19.95	19.97		
10	16QAM	50	0	19.55	19.89	19.92	19.92	19.88		
10	64QAM	1	0	19.59	19.45	19.51	19.65	19.60	20.2	0
10	64QAM	1	25	19.53	19.55	19.67	19.58	19.62		
10	64QAM	1	49	19.53	19.58	19.50	19.60	19.71		
10	64QAM	25	0	19.44	19.94	19.75	19.89	19.96	20.2	0
10	64QAM	25	12	19.52	19.83	19.83	19.78	20.00		
10	64QAM	25	25	19.58	19.95	19.92	19.98	19.90		
10	64QAM	50	0	19.52	19.79	19.84	19.80	19.93		
10	256QAM	1	0	19.72	19.62	19.62	19.68	19.52	20.2	0
10	256QAM	1	25	19.83	19.61	19.50	19.58	19.56		
10	256QAM	1	49	19.61	19.60	19.67	19.78	19.82		
10	256QAM	25	0	19.64	19.64	19.85	19.49	19.84	20.2	0
10	256QAM	25	12	19.71	19.66	19.79	19.62	19.78		
10	256QAM	25	25	19.54	19.54	19.58	19.70	19.64		
10	256QAM	50	0	19.49	19.59	19.55	19.77	19.73		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.62	19.76	19.98	19.87	19.89	20.20	0
5	QPSK	1	12	19.53	19.86	19.98	19.74	19.90		
5	QPSK	1	24	19.54	20.14	20.04	20.00	20.05		
5	QPSK	12	0	19.62	20.11	20.06	19.95	20.03	20.2	0
5	QPSK	12	7	19.57	19.73	20.00	19.85	19.92		
5	QPSK	12	13	19.51	19.72	19.96	19.89	19.88		
5	QPSK	25	0	19.49	19.94	19.97	19.85	19.96		
5	16QAM	1	0	19.65	19.77	19.79	19.88	20.05	20.2	0
5	16QAM	1	12	19.48	19.91	19.78	19.91	19.93		
5	16QAM	1	24	19.61	20.00	19.66	19.94	19.91		
5	16QAM	12	0	19.51	19.86	19.76	19.81	20.02	20.2	0
5	16QAM	12	7	19.53	19.93	19.83	19.87	19.97		
5	16QAM	12	13	19.62	19.82	19.83	19.91	19.89		
5	16QAM	25	0	19.57	19.88	19.90	19.84	19.94		
5	64QAM	1	0	19.58	19.44	19.51	19.65	19.57	20.2	0
5	64QAM	1	12	19.56	19.57	19.60	19.51	19.65		
5	64QAM	1	24	19.56	19.62	19.55	19.58	19.70		
5	64QAM	12	0	19.47	19.96	19.70	19.90	19.96	20.2	0
5	64QAM	12	7	19.54	19.91	19.80	19.85	19.99		
5	64QAM	12	13	19.54	19.89	19.93	19.97	19.89		
5	64QAM	25	0	19.53	19.72	19.78	19.80	19.96		
5	256QAM	1	0	19.71	19.61	19.60	19.73	19.52	20.2	0
5	256QAM	1	12	19.79	19.54	19.52	19.58	19.53		
5	256QAM	1	24	19.57	19.57	19.71	19.71	19.76		
5	256QAM	12	0	19.60	19.68	19.91	19.51	19.81	20.2	0
5	256QAM	12	7	19.74	19.66	19.81	19.57	19.75		
5	256QAM	12	13	19.58	19.64	19.55	19.66	19.69		
5	256QAM	25	0	19.54	19.65	19.54	19.75	19.77		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.54	17.57	17.85	17.79	17.58	18.5	0
20	QPSK	1	49	17.66	17.79	17.88	17.76	17.59		
20	QPSK	1	99	17.86	18.24	17.92	17.80	17.75		
20	QPSK	50	0	17.85	18.08	17.91	17.78	17.74	18.5	0
20	QPSK	50	24	17.62	17.83	17.89	17.75	17.72		
20	QPSK	50	50	17.79	17.96	17.85	17.76	17.71		
20	QPSK	100	0	17.65	18.01	17.96	17.91	17.74		
20	16QAM	1	0	17.81	17.83	18.10	18.05	17.88	18.5	0
20	16QAM	1	49	17.92	18.10	18.22	18.08	17.85		
20	16QAM	1	99	17.99	18.20	18.11	18.05	17.86		
20	16QAM	50	0	17.67	17.78	17.96	17.94	17.68	18.5	0
20	16QAM	50	24	17.76	17.86	18.02	17.95	17.78		
20	16QAM	50	50	17.84	17.89	18.03	17.98	17.74		
20	16QAM	100	0	17.74	17.82	18.01	17.95	17.65		
20	64QAM	1	0	17.69	17.71	17.99	17.89	17.59	18.5	0
20	64QAM	1	49	17.74	17.93	18.01	17.90	17.68		
20	64QAM	1	99	17.85	18.01	17.99	17.95	17.68		
20	64QAM	50	0	17.61	17.72	18.00	17.96	17.75	18.5	0
20	64QAM	50	24	17.73	17.76	17.95	17.94	17.71		
20	64QAM	50	50	17.82	17.94	17.97	17.94	17.78		
20	64QAM	100	0	17.71	17.77	17.94	17.89	17.73		
20	256QAM	1	0	17.53	17.65	17.92	17.76	17.46	18.5	0
20	256QAM	1	49	17.55	17.85	17.83	17.85	17.59		
20	256QAM	1	99	17.80	17.95	17.91	17.83	17.63		
20	256QAM	50	0	17.56	17.55	17.90	17.78	17.55	18.5	0
20	256QAM	50	24	17.66	17.57	17.80	17.74	17.63		
20	256QAM	50	50	17.65	17.87	17.86	17.88	17.64		
20	256QAM	100	0	17.58	17.63	17.89	17.75	17.54		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.52	17.55	17.80	17.78	17.53	18.50	0
15	QPSK	1	37	17.60	17.69	17.81	17.73	17.51		
15	QPSK	1	74	17.70	18.23	17.81	17.74	17.55		
15	QPSK	36	0	17.53	18.03	17.95	17.91	17.74	18.5	0
15	QPSK	36	20	17.60	17.78	17.92	17.79	17.71		
15	QPSK	36	39	17.76	17.87	17.99	17.89	17.74		
15	QPSK	75	0	17.54	17.94	17.87	17.88	17.71		
15	16QAM	1	0	17.72	17.54	18.08	18.02	17.86	18.5	0
15	16QAM	1	37	17.88	18.10	18.11	18.03	17.85		
15	16QAM	1	74	17.97	18.13	18.02	17.96	17.76		
15	16QAM	36	0	17.60	17.76	17.90	17.87	17.58	18.5	0
15	16QAM	36	20	17.67	17.83	17.93	17.88	17.71		
15	16QAM	36	39	17.83	17.80	17.95	17.97	17.64		
15	16QAM	75	0	17.68	17.80	17.98	17.95	17.59		
15	64QAM	1	0	17.63	17.71	17.94	17.83	17.53	18.5	0
15	64QAM	1	37	17.74	17.85	17.92	17.80	17.58		
15	64QAM	1	74	17.77	17.99	17.93	17.89	17.57		
15	64QAM	36	0	17.52	17.71	17.96	17.88	17.70	18.5	0
15	64QAM	36	20	17.68	17.86	17.85	17.86	17.69		
15	64QAM	36	39	17.80	17.85	17.87	17.91	17.74		
15	64QAM	75	0	17.60	17.67	17.94	17.86	17.67	18.5	0
15	256QAM	1	0	17.50	17.56	17.91	17.76	17.44		
15	256QAM	1	37	17.53	17.80	17.83	17.79	17.50		
15	256QAM	1	74	17.69	17.92	17.87	17.77	17.53	18.5	0
15	256QAM	36	0	17.52	17.49	17.85	17.76	17.51		
15	256QAM	36	20	17.55	17.48	17.80	17.65	17.55		
15	256QAM	36	39	17.60	17.76	17.75	17.80	17.63		
15	256QAM	75	0	17.54	17.60	17.80	17.71	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.55	17.61	17.90	17.81	17.55	18.50	0
10	QPSK	1	25	17.57	17.69	17.87	17.77	17.60		
10	QPSK	1	49	17.52	17.77	17.92	17.80	17.54		
10	QPSK	25	0	17.63	17.74	17.89	17.86	17.66	18.5	0
10	QPSK	25	12	17.65	17.75	17.94	17.85	17.71		
10	QPSK	25	25	17.66	17.78	17.93	17.93	17.74		
10	QPSK	50	0	17.66	17.71	17.94	17.95	17.72		
10	16QAM	1	0	17.83	17.94	18.15	18.07	17.83	18.5	0
10	16QAM	1	25	17.86	18.01	18.15	18.19	17.86		
10	16QAM	1	49	17.89	18.09	18.17	18.18	17.83		
10	16QAM	25	0	17.65	17.80	17.93	17.96	17.71	18.5	0
10	16QAM	25	12	17.71	17.81	18.03	17.98	17.73		
10	16QAM	25	25	17.64	17.83	17.98	17.99	17.79		
10	16QAM	50	0	17.61	17.77	17.95	17.91	17.68		
10	64QAM	1	0	17.63	17.73	17.98	17.97	17.72	18.5	0
10	64QAM	1	25	17.69	17.80	18.01	17.98	17.70		
10	64QAM	1	49	17.74	17.90	18.03	17.96	17.63		
10	64QAM	25	0	17.78	17.76	18.02	17.91	17.75	18.5	0
10	64QAM	25	12	17.61	17.76	18.04	17.95	17.79		
10	64QAM	25	25	17.70	17.77	17.98	17.97	17.74		
10	64QAM	50	0	17.50	17.78	17.93	17.84	17.66	18.5	0
10	256QAM	1	0	17.52	17.56	17.90	17.69	17.39		
10	256QAM	1	25	17.62	17.83	17.88	17.72	17.61		
10	256QAM	1	49	17.73	17.93	17.83	17.85	17.55		
10	256QAM	25	0	17.56	17.65	17.82	17.84	17.67	18.5	0
10	256QAM	25	12	17.59	17.68	17.88	17.85	17.58		
10	256QAM	25	25	17.75	17.81	17.88	17.87	17.71		
10	256QAM	50	0	17.61	17.65	17.83	17.69	17.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.51	17.65	17.91	17.81	17.64	18.50	0
5	QPSK	1	12	17.57	17.65	17.87	17.69	17.70		
5	QPSK	1	24	17.62	17.77	17.86	17.87	17.48		
5	QPSK	12	0	17.58	17.73	17.97	17.92	17.59	18.5	0
5	QPSK	12	7	17.57	17.68	17.92	17.78	17.79		
5	QPSK	12	13	17.57	17.71	17.93	18.03	17.73		
5	QPSK	25	0	17.66	17.75	17.87	18.03	17.70		
5	16QAM	1	0	17.79	17.91	18.13	18.03	17.89	18.5	0
5	16QAM	1	12	17.82	18.07	18.19	18.16	17.94		
5	16QAM	1	24	17.87	18.10	18.18	18.10	17.84		
5	16QAM	12	0	17.63	17.69	17.98	18.02	17.68	18.5	0
5	16QAM	12	7	17.65	17.75	17.90	18.07	17.63		
5	16QAM	12	13	17.67	17.70	17.88	17.95	17.79		
5	16QAM	25	0	17.71	17.78	17.98	17.92	17.73		
5	64QAM	1	0	17.71	17.82	18.08	18.04	17.80	18.5	0
5	64QAM	1	12	17.69	17.71	18.05	18.05	17.72		
5	64QAM	1	24	17.75	17.88	18.06	17.91	17.68		
5	64QAM	12	0	17.55	17.67	17.93	18.00	17.70	18.5	0
5	64QAM	12	7	17.63	17.76	17.95	18.05	17.76		
5	64QAM	12	13	17.62	17.75	17.87	17.92	17.78		
5	64QAM	25	0	17.71	17.83	18.11	17.76	17.69		
5	256QAM	1	0	17.50	17.60	17.81	17.75	17.52	18.5	0
5	256QAM	1	12	17.56	17.84	17.91	17.82	17.63		
5	256QAM	1	24	17.69	17.90	17.90	17.78	17.50		
5	256QAM	12	0	17.50	17.60	17.87	17.86	17.56	18.5	0
5	256QAM	12	7	17.53	17.59	17.77	17.74	17.55		
5	256QAM	12	13	17.73	17.77	17.85	17.79	17.72		
5	256QAM	25	0	17.55	17.71	17.74	17.71	17.60		

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GSM850_Ant 0	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	32.78	32.84	32.77	34.00	23.78	23.84	23.77	25.00
GPRS 1 Tx slot	33.03	33.01	33.00	34.00	24.03	24.01	24.00	25.00
GPRS 2 Tx slots	29.76	29.75	29.78	31.00	23.76	23.75	23.78	25.00
GPRS 3 Tx slots	27.74	27.85	27.81	29.20	23.48	23.59	23.55	24.94
GPRS 4 Tx slots	26.26	26.33	26.32	28.00	23.26	23.33	23.32	25.00
EDGE 1 Tx slot	27.16	27.09	27.11	28.00	18.16	18.09	18.11	19.00
EDGE 2 Tx slots	23.94	23.91	24.19	25.00	17.94	17.91	18.19	19.00
EDGE 3 Tx slots	22.07	22.02	22.31	23.20	17.81	17.76	18.05	18.94
EDGE 4 Tx slots	20.58	20.56	20.67	22.00	17.58	17.56	17.67	19.00

GSM850_Ant 1	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	32.38	32.30	32.22	33.50	23.38	23.30	23.22	24.50
GPRS 1 Tx slot	32.32	32.35	32.20	33.50	23.32	23.35	23.20	24.50
GPRS 2 Tx slots	28.76	28.92	28.84	30.50	22.76	22.92	22.84	24.50
GPRS 3 Tx slots	26.78	27.00	26.89	28.70	22.52	22.74	22.63	24.44
GPRS 4 Tx slots	25.61	25.76	25.66	27.50	22.61	22.76	22.66	24.50
EDGE 1 Tx slot	26.29	26.00	26.02	27.50	17.29	17.00	17.02	18.50
EDGE 2 Tx slots	22.97	23.05	23.00	24.50	16.97	17.05	17.00	18.50
EDGE 3 Tx slots	21.33	21.19	21.11	22.70	17.07	16.93	16.85	18.44
EDGE 4 Tx slots	19.91	19.79	19.84	21.50	16.91	16.79	16.84	18.50

GSM1900_Ant 2	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	28.90	28.91	28.75	29.50	19.90	19.91	19.75	20.50
GPRS 1 Tx slot	28.95	28.90	28.74	29.50	19.95	19.90	19.74	20.50
GPRS 2 Tx slots	25.70	25.74	25.63	26.50	19.70	19.74	19.63	20.50
GPRS 3 Tx slots	23.80	23.82	23.74	24.70	19.54	19.56	19.48	20.44
GPRS 4 Tx slots	22.41	22.47	22.35	23.50	19.41	19.47	19.35	20.50
EDGE 1 Tx slot	24.88	24.85	24.73	25.00	15.88	15.85	15.73	16.00
EDGE 2 Tx slots	21.76	21.79	21.76	22.00	15.76	15.79	15.76	16.00
EDGE 3 Tx slots	19.98	20.05	19.94	20.20	15.72	15.79	15.68	15.94
EDGE 4 Tx slots	18.45	18.34	18.20	19.00	15.45	15.34	15.20	16.00

GSM1900_Ant 5	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	27.98	27.97	27.84	29.50	18.98	18.97	18.84	20.50
GPRS 1 Tx slot	28.10	28.09	27.89	29.50	19.10	19.09	18.89	20.50
GPRS 2 Tx slots	24.88	24.85	24.83	26.50	18.88	18.85	18.83	20.50
GPRS 3 Tx slots	22.95	22.90	22.95	24.70	18.69	18.64	18.69	20.44
GPRS 4 Tx slots	21.53	21.51	21.64	23.50	18.53	18.51	18.64	20.50
EDGE 1 Tx slot	24.19	24.17	24.21	25.00	15.19	15.17	15.21	16.00
EDGE 2 Tx slots	21.57	21.55	21.81	22.00	15.57	15.55	15.81	16.00
EDGE 3 Tx slots	19.19	19.15	19.42	20.20	14.93	14.89	15.16	15.94
EDGE 4 Tx slots	17.86	17.79	17.93	19.00	14.86	14.79	14.93	16.00

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.92	19.92	19.88	21.00	20.15	20.14	20.03	22.00
3GPP Rel 99	RMC 12.2Kbps	19.93	19.94	19.89	21.00	20.16	20.17	20.06	22.00
3GPP Rel 6	HSDPA Subtest-1	19.05	18.91	18.81	20.00	19.10	19.02	19.04	21.00
3GPP Rel 6	HSDPA Subtest-2	19.04	18.85	18.90	20.00	19.17	19.12	19.09	21.00
3GPP Rel 6	HSDPA Subtest-3	18.35	18.38	18.34	19.50	18.73	18.58	18.60	20.50
3GPP Rel 6	HSDPA Subtest-4	18.41	18.42	18.38	19.50	18.70	18.61	18.51	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.91	18.83	18.78	20.00	19.19	19.14	19.08	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.03	18.93	18.90	20.00	19.09	19.16	19.02	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.44	18.31	18.33	19.50	18.70	18.61	18.57	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.41	18.39	18.23	19.50	18.61	18.70	18.57	20.50
3GPP Rel 6	HSUPA Subtest-1	18.89	18.90	18.82	20.00	19.12	19.05	19.11	21.00
3GPP Rel 6	HSUPA Subtest-2	17.00	16.90	16.79	18.00	17.24	17.12	17.03	19.00
3GPP Rel 6	HSUPA Subtest-3	17.88	17.79	17.91	19.00	18.27	18.05	18.01	20.00
3GPP Rel 6	HSUPA Subtest-4	16.95	16.86	16.79	18.00	17.18	17.16	17.07	19.00
3GPP Rel 6	HSUPA Subtest-5	19.03	18.85	18.85	20.00	19.09	19.08	19.07	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.88	15.96	15.81	17.50	16.29	16.40	16.42	18.50

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 5			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.07	21.11	21.04	22.00	20.27	20.36	20.34	22.00
3GPP Rel 99	RMC 12.2Kbps	21.09	21.12	21.06	22.00	20.28	20.39	20.34	22.00
3GPP Rel 6	HSDPA Subtest-1	20.07	20.14	20.19	21.00	19.36	19.39	19.39	21.00
3GPP Rel 6	HSDPA Subtest-2	20.03	20.19	20.13	21.00	19.23	19.53	19.47	21.00
3GPP Rel 6	HSDPA Subtest-3	19.53	19.72	19.76	20.50	18.85	19.06	18.93	20.50
3GPP Rel 6	HSDPA Subtest-4	19.53	19.65	19.62	20.50	18.78	18.88	18.94	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.03	20.25	20.23	21.00	19.37	19.58	19.37	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.03	20.22	20.12	21.00	19.22	19.51	19.40	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.60	19.63	19.65	20.50	18.88	18.95	18.77	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.52	19.79	19.57	20.50	18.68	18.94	18.79	20.50
3GPP Rel 6	HSUPA Subtest-1	20.06	20.19	20.26	21.00	19.33	19.50	19.39	21.00
3GPP Rel 6	HSUPA Subtest-2	18.03	18.31	18.07	19.00	17.36	17.58	17.45	19.00
3GPP Rel 6	HSUPA Subtest-3	19.15	19.24	19.13	20.00	18.24	18.54	18.47	20.00
3GPP Rel 6	HSUPA Subtest-4	18.09	18.25	18.12	19.00	17.20	17.56	17.36	19.00
3GPP Rel 6	HSUPA Subtest-5	20.11	20.21	20.18	21.00	19.28	19.54	19.33	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.08	17.25	17.17	18.50	16.80	16.84	16.82	15.50

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.77	22.81	22.76	24.00	20.44	20.40	20.38	22.00
3GPP Rel 99	RMC 12.2Kbps	22.79	22.83	22.79	24.00	20.45	20.47	20.40	22.00
3GPP Rel 6	HSDPA Subtest-1	21.69	21.84	21.74	23.00	19.44	19.50	19.41	21.00
3GPP Rel 6	HSDPA Subtest-2	21.70	21.75	21.74	23.00	19.52	19.45	19.34	21.00
3GPP Rel 6	HSDPA Subtest-3	21.25	21.31	21.40	22.50	18.99	18.96	18.96	20.50
3GPP Rel 6	HSDPA Subtest-4	21.11	21.29	21.39	22.50	18.86	18.97	18.88	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.67	21.85	21.85	23.00	19.42	19.39	19.42	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.58	21.76	21.74	23.00	19.38	19.35	19.43	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.11	21.36	21.40	22.50	18.88	18.82	18.83	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.27	21.20	22.50	18.81	18.83	18.80	20.50
3GPP Rel 6	HSUPA Subtest-1	21.76	21.95	21.89	23.00	16.38	16.43	16.34	21.00
3GPP Rel 6	HSUPA Subtest-2	19.58	19.94	19.77	21.00	14.36	14.46	14.30	19.00
3GPP Rel 6	HSUPA Subtest-3	20.78	20.83	20.73	22.00	15.38	15.47	15.42	20.00
3GPP Rel 6	HSUPA Subtest-4	19.60	19.85	19.72	21.00	16.02	15.96	15.84	19.00
3GPP Rel 6	HSUPA Subtest-5	21.75	21.85	21.75	23.00	17.40	17.50	17.30	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.02	17.85	17.92	20.50	14.86	15.07	15.08	18.50

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)	MPR (dB)
			Channel	18700	18900	19100		
			Frequency (MHz)	1860	1880	1900		
20	QPSK	1	0	21.05	21.74	21.78	22.5	0
20	QPSK	1	49	21.79	21.72	21.69		
20	QPSK	1	99	21.80	21.66	21.59		
20	QPSK	50	0	21.89	21.79	21.78		
20	QPSK	50	24	21.84	21.78	21.76	22.5	0
20	QPSK	50	50	21.81	21.65	21.73		
20	QPSK	100	0	21.82	21.72	21.72		
20	16QAM	1	0	21.72	21.73	21.74		
20	16QAM	1	49	21.69	21.66	21.68	22.5	0
20	16QAM	1	99	21.72	21.58	21.63		
20	16QAM	50	0	21.73	21.64	21.66		
20	16QAM	50	24	21.74	21.63	21.60	22.5	0
20	16QAM	50	50	21.75	21.55	21.60		
20	16QAM	100	0	21.68	21.58	21.58		
20	64QAM	1	0	21.79	21.79	21.74		
20	64QAM	1	49	21.79	21.78	21.71	22.5	0
20	64QAM	1	99	21.89	21.63	21.72		
20	64QAM	50	0	20.75	20.63	20.67		
20	64QAM	50	24	20.67	20.61	20.64	21.5	1
20	64QAM	50	50	20.73	20.50	20.59		
20	64QAM	100	0	20.69	20.59	20.58		
20	256QAM	1	0	18.91	18.93	18.80		
20	256QAM	1	49	18.98	19.02	18.86	19.5	3
20	256QAM	1	99	18.98	18.76	18.96		
20	256QAM	50	0	17.91	17.88	17.80		
20	256QAM	50	24	17.89	17.78	17.74	19.5	3
20	256QAM	50	50	17.92	17.75	17.69		
20	256QAM	100	0	17.80	17.70	17.63		
			Channel	18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1857.5	1880	1902.5		
15	QPSK	1	0	21.90	21.74	21.76	22.5	0
15	QPSK	1	37	21.78	21.66	21.64		
15	QPSK	1	74	21.74	21.61	21.52		
15	QPSK	36	0	21.83	21.78	21.75		
15	QPSK	36	20	21.77	21.71	21.69	22.5	0
15	QPSK	36	39	21.81	21.57	21.69		
15	QPSK	75	0	21.82	21.71	21.68		
15	16QAM	1	0	21.68	21.72	21.66	22.5	0
15	16QAM	1	37	21.62	21.59	21.60		
15	16QAM	1	74	21.66	21.50	21.59		
15	16QAM	36	0	21.72	21.63	21.58		
15	16QAM	36	20	21.73	21.57	21.52	22.5	0
15	16QAM	36	39	21.74	21.54	21.52		
15	16QAM	75	0	21.68	21.50	21.51		
15	64QAM	1	0	21.79	21.77	21.69		
15	64QAM	1	37	21.77	21.71	21.65	22.5	0
15	64QAM	1	74	21.73	21.58	21.70		
15	64QAM	36	0	20.68	20.58	20.60		
15	64QAM	36	20	20.66	20.54	20.64	21.5	1
15	64QAM	36	39	20.68	20.50	20.55		
15	64QAM	75	0	20.61	20.51	20.56		
15	256QAM	1	0	18.89	18.89	18.73		
15	256QAM	1	37	18.92	19.00	18.81	19.5	3
15	256QAM	1	74	18.93	18.70	18.90		
15	256QAM	36	0	17.90	17.88	17.76		
15	256QAM	36	20	17.88	17.78	17.67	19.5	3
15	256QAM	36	39	17.88	17.73	17.61		
15	256QAM	75	0	17.76	17.69	17.60		
			Channel	18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1850	1880	1905		
10	QPSK	1	0	21.93	21.66	21.71	22.5	0
10	QPSK	1	25	21.87	21.66	21.66		
10	QPSK	1	49	21.74	21.68	21.55		
10	QPSK	25	0	21.83	21.79	21.72		
10	QPSK	25	12	21.83	21.71	21.68		
10	QPSK	25	25	21.73	21.58	21.72	22.5	0
10	QPSK	50	0	21.80	21.69	21.67		
10	16QAM	1	0	21.67	21.68	21.68		
10	16QAM	1	25	21.68	21.50	21.60	22.5	0
10	16QAM	1	49	21.72	21.51	21.56		
10	16QAM	25	0	21.66	21.60	21.59		
10	16QAM	25	12	21.71	21.62	21.59	22.5	0
10	16QAM	25	25	21.73	21.50	21.59		
10	16QAM	50	0	21.63	21.55	21.57		
10	64QAM	1	0	21.79	21.79	21.73		
10	64QAM	1	25	21.74	21.78	21.65	22.5	0
10	64QAM	1	49	21.77	21.59	21.69		
10	64QAM	25	0	20.70	20.60	20.60		
10	64QAM	25	12	20.60	20.53	20.61	21.5	1
10	64QAM	25	25	20.72	20.47	20.53		
10	64QAM	50	0	20.69	20.53	20.52		
10	256QAM	1	0	18.94	18.93	18.80		
10	256QAM	1	25	18.91	18.99	18.78	19.5	3
10	256QAM	1	49	18.92	18.72	18.88		
10	256QAM	25	0	17.83	17.82	17.76		
10	256QAM	25	12	17.86	17.76	17.67	19.5	3
10	256QAM	25	25	17.90	17.72	17.64		
10	256QAM	50	0	17.76	17.67	17.59		
			Channel	18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1852.5	1880	1907.5		
5	QPSK	1	0	21.72	21.72	21.76	22.5	0
5	QPSK	1	12	21.72	21.66	21.68		
5	QPSK	1	24	21.79	21.59	21.58		
5	QPSK	12	0	21.89	21.76	21.73		
5	QPSK	12	7	21.81	21.72	21.75	22.5	0
5	QPSK	12	13	21.81	21.62	21.70		
5	QPSK	25	0	21.74	21.71	21.72		
5	16QAM	1	0	21.68	21.68	21.69		
5	16QAM	1	12	21.68	21.58	21.68	22.5	0
5	16QAM	1	24	21.70	21.50	21.56		
5	16QAM	12	0	21.68	21.64	21.66		
5	16QAM	12	7	21.71	21.62	21.55	22.5	0
5	16QAM	12	13	21.73	21.52	21.58		
5	16QAM	25	0	21.61	21.55	21.52		
5	64QAM	1	0	21.79	21.79	21.70		
5	64QAM	1	12	21.78	21.72	21.64	22.5	0
5	64QAM	1	24	21.78	21.57	21.70		
5	64QAM	12	0	20.68	20.60	20.61		
5	64QAM	12	7	20.66	20.60	20.64	21.5	1
5	64QAM	12	13	20.65	20.43	20.55		
5	64QAM	25	0	20.62	20.38	20.57		
5	256QAM	1	0	18.88	18.88	18.78		
5	256QAM	1	12	18.97	19.01	18.82	19.5	3
5	256QAM	1	24	18.94	18.71	18.91		
5	256QAM	12	0	17.87	17.83	17.80		
5	256QAM	12	7	17.83	17.77	17.66	19.5	3
5	256QAM	12	13	17.87	17.69	17.62		
5	256QAM	25	0	17.75	17.65	17.63		
			Channel	18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1851.5	1880	1908.5		
3	QPSK	1	0	21.95	21.70	21.70	22.5	0
3	QPSK	1	8	21.74	21.66	21.66		
3	QPSK	1	14	21.79	21.65	21.51		
3	QPSK	8	0	21.89	21.73	21.71		
3	QPSK	8	4	21.84	21.77	21.69	22.5	0
3	QPSK	8	7	21.75	21.63	21.73		
3	QPSK	15	0	21.79	21.66	21.67		
3	16QAM	1	0	21.65	21.69	21.74	22.5	0
3	16QAM	1	8	21.65	21.58	21.65		
3	16QAM	1	14	21.72	21.52	21.57		
3	16QAM	8	0	21.67	21.58	21.58		
3	16QAM	8	4	21.73	21.63	21.59	22.5	0
3	16QAM	8	7	21.69	21.53	21.57		
3	16QAM	15	0	21.66	21.54	21.55		
3	64QAM	1	0	21.73	21.73	21.74		
3	64QAM	1	8	21.79	21.75	21.66	22.5	0
3	64QAM	1	14	21.72	21.58	21.64		
3	64QAM	8	0	20.69	20.61	20.63		
3	64QAM	8	4	20.60	20.53	20.62	21.5	1
3	64QAM	8	7	20.72	20.42	20.52		
3	64QAM	15	0	20.61	20.59	20.55		
3	256QAM	1	0	18.91	18.92	18.74		
3	256QAM	1	8	18.92	19.00	18.85	19.5	3
3	256QAM	1	14	18.95	18.69	18.96		
3	256QAM	8	0	17.83	17.85	17.78		
3	256QAM	8	4	17.81	17.72	17.67	19.5	3
3	256QAM	8	7	17.84	17.68	17.69		
3	256QAM	15	0	17.74	17.66	17.58		
			Channel	18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1850.7	1880	1909.3		
1.4	QPSK	1	0	21.87	21.69	21.78	22.5	0
1.4	QPSK	1	3	21.72	21.71	21.62		
1.4	QPSK	1	5	21.77	21.63	21.59		
1.4	QPSK	3	0	21.87	21.71	21.74		
1.4	QPSK	3	1	21.78	21.76	21.72		
1.4	QPSK	3	2	21.80	21.66	21.72		
1.4	QPSK	6	0	21.80	21.65	21.68	22.5	0
1.4	16QAM	1	0	21.70	21.67	21.73		
1.4	16QAM	1	3	21.64	21.61	21.61		
1.4	16QAM	1	5	21.64	21.52	21.61	22.5	0
1.4	16QAM	3	0	21.67	21.58	21.60		
1.4	16QAM	3	1	21.74	21.62	21.58		
1.4	16QAM	3	2	21.61	21.61	21.58		
1.4	16QAM	6	0	21.60	21.57	21.57	22.5	0
1.4	64QAM	1	0	21.76	21.74	21.70		
1.4	64QAM	1	3	21.72	21.76	21.65		
1.4	64QAM	1	5	21.79	21.63	21.68	22.5	0
1.4	64QAM	3	0	20.69	20.57	20.63		
1.4	64QAM	3	1	20.61	20.61	20.61		
1.4	64QAM	3	2	20.67	20.54	20.51		
1.4	64QAM	6	0	20.66	20.53	20.57	22	0.5
1.4	256QAM	1	0	18.88	18.89	18.76		
1.4	256QAM	1	3	18.98	18.95	18.86		
1.4	256QAM	1	5	18.94	18.68	18.93	20	2.5
1.4	256QAM	3	0	17.86	17.84	17.80		
1.4	256QAM	3	1	17.89	17.72	17.72		
1.4	256QAM	3	2	17.92	17.68	17.67		
1.4	256QAM	6	0	17.80	17.65	17.63	20	2.5

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	18700	18900	19100		
			Frequency (MHz)	1860	1880	1900		
20	QPSK	1	0	21.70	21.39	21.44	22.5	0
20	QPSK	1	49	21.56	21.32	21.36		
20	QPSK	1	99	21.33	21.14	21.17		
20	QPSK	50	0	21.49	21.39	21.46		
20	QPSK	50	24	21.41	21.35	21.41	22.5	0
20	QPSK	50	50	21.47	21.15	21.36		
20	QPSK	100	0	21.46	21.38	21.38		
20	16QAM	1	0	21.55	21.68	21.40		
20	16QAM	1	49	21.31	21.26	21.21	22.5	0
20	16QAM	1	99	21.43	21.44	21.30		
20	16QAM	50	0	21.46	21.35	21.47		
20	16QAM	50	24	21.44	21.34	21.41	22.5	0
20	16QAM	50	50	21.47	21.16	21.43		
20	16QAM	100	0	21.42	21.35	21.33		
20	64QAM	1	0	21.52	21.59	21.18		
20	64QAM	1	49	21.41	21.68	21.35	22.5	0
20	64QAM	1	99	21.69	21.24	21.29		
20	64QAM	50	0	20.93	20.84	21.00		
20	64QAM	50	24	20.90	20.88	20.88	22	0.5
20	64QAM	50	50	20.89	20.76	20.95		
20	64QAM	100	0	20.88	20.84	20.89		
20	256QAM	1	0	18.92	18.87	19.00		
20	256QAM	1	49	18.88	18.83	18.92	20	2.5
20	256QAM	1	99	18.99	18.90	18.91		
20	256QAM	50	0	18.90	18.72	18.78		
20	256QAM	50	24	18.82	18.78	18.80		
20	256QAM	50	50	18.85	18.80	18.82		
20	256QAM	100	0	18.86	18.74	18.83		
			Channel	18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1857.5	1880	1902.5		
15	QPSK	1	0	21.68	21.33	21.41	22.5	0
15	QPSK	1	37	21.53	21.24	21.36		
15	QPSK	1	74	21.25	21.13	21.13		
15	QPSK	36	0	21.44	21.35	21.44		
15	QPSK	36	20	21.34	21.35	21.41	22.5	0
15	QPSK	36	39	21.39	21.10	21.34		
15	QPSK	75	0	21.41	21.30	21.38		
15	16QAM	1	0	21.48	21.66	21.39		
15	16QAM	1	37	21.32	21.24	21.18	22.5	0
15	16QAM	1	74	21.51	21.38	21.22		
15	16QAM	36	0	21.42	21.32	21.43		
15	16QAM	36	20	21.36	21.34	21.34	22.5	0
15	16QAM	36	39	21.32	21.16	21.38		
15	16QAM	75	0	21.35	21.29	21.31		
15	64QAM	1	0	21.51	21.54	21.17		
15	64QAM	1	37	21.33	21.67	21.28	22.5	0
15	64QAM	1	74	21.67	21.16	21.27		
15	64QAM	36	0	20.88	20.78	21.00		
15	64QAM	36	20	20.86	20.73	20.81	22	0.5
15	64QAM	36	39	20.87	20.74	20.91		
15	64QAM	75	0	20.86	20.93	20.85		
15	256QAM	1	0	18.86	18.82	19.00		
15	256QAM	1	37	18.81	18.79	18.85	20	2.5
15	256QAM	1	74	18.93	18.87	18.83		
15	256QAM	36	0	18.74	18.70	18.76		
15	256QAM	36	20	18.74	18.74	18.75	20	2.5
15	256QAM	36	39	18.84	18.79	18.77		
15	256QAM	75	0	18.81	18.74	18.75		
			Channel	18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1850	1880	1905		
10	QPSK	1	0	21.70	21.33	21.42	22.5	0
10	QPSK	1	25	21.62	21.24	21.36		
10	QPSK	1	49	21.26	21.14	21.12		
10	QPSK	25	0	21.49	21.33	21.39		
10	QPSK	25	12	21.42	21.31	21.35		
10	QPSK	25	25	21.44	21.09	21.28	22.5	0
10	QPSK	50	0	21.44	21.31	21.33		
10	16QAM	1	0	21.47	21.60	21.33		
10	16QAM	1	25	21.38	21.25	21.15	22.5	0
10	16QAM	1	49	21.48	21.37	21.24		
10	16QAM	25	0	21.41	21.34	21.47		
10	16QAM	25	12	21.43	21.34	21.33	22.5	0
10	16QAM	25	25	21.48	21.13	21.37		
10	16QAM	50	0	21.37	21.31	21.33		
10	64QAM	1	0	21.63	21.66	21.11		
10	64QAM	1	25	21.38	21.68	21.29	22.5	0
10	64QAM	1	49	21.64	21.21	21.22		
10	64QAM	25	0	20.96	20.92	20.92		
10	64QAM	25	12	20.90	20.86	20.83	22	0.5
10	64QAM	25	25	20.83	20.69	20.90		
10	64QAM	50	0	20.83	20.76	20.86		
10	256QAM	1	0	18.89	18.80	18.93		
10	256QAM	1	25	18.80	18.83	18.86	20	2.5
10	256QAM	1	49	18.92	18.86	18.89		
10	256QAM	25	0	18.90	18.72	18.73		
10	256QAM	25	12	18.75	18.72	18.79	20	2.5
10	256QAM	25	25	18.83	18.80	18.79		
10	256QAM	50	0	18.79	18.88	18.79		
			Channel	18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1852.5	1880	1907.5		
5	QPSK	1	0	21.68	21.36	21.36	22.5	0
5	QPSK	1	12	21.56	21.28	21.35		
5	QPSK	1	24	21.28	21.14	21.11		
5	QPSK	12	0	21.43	21.32	21.41		
5	QPSK	12	7	21.39	21.15	21.28	22.5	0
5	QPSK	12	13	21.39	21.29	21.33		
5	QPSK	25	0	21.39	21.29	21.33		
5	16QAM	1	0	21.43	21.64	21.37		
5	16QAM	1	12	21.26	21.18	21.13	22.5	0
5	16QAM	1	24	21.47	21.43	21.23		
5	16QAM	12	0	21.43	21.52	21.43		
5	16QAM	12	7	21.41	21.29	21.36	22.5	0
5	16QAM	12	13	21.45	21.10	21.43		
5	16QAM	25	0	21.47	21.30	21.28		
5	64QAM	1	0	21.51	21.58	21.14		
5	64QAM	1	12	21.38	21.66	21.32	22.5	0
5	64QAM	1	24	21.48	21.76	21.27		
5	64QAM	12	0	20.91	20.83	20.98		
5	64QAM	12	7	20.83	20.83	20.81	22	0.5
5	64QAM	12	13	20.89	20.75	20.90		
5	64QAM	25	0	20.92	20.79	20.88		
5	256QAM	1	0	18.92	18.86	18.93		
5	256QAM	1	12	18.82	18.75	18.91	20	2.5
5	256QAM	1	24	18.99	18.83	18.87		
5	256QAM	12	0	18.89	18.72	18.70		
5	256QAM	12	7	18.74	18.76	18.72	20	2.5
5	256QAM	12	13	18.84	18.74	18.81		
5	256QAM	25	0	18.78	18.72	18.82		
			Channel	18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1851.5	1880	1908.5		
3	QPSK	1	0	21.64	21.39	21.39	22.5	0
3	QPSK	1	8	21.56	21.31	21.32		
3	QPSK	1	14	21.29	21.08	21.12		
3	QPSK	8	0	21.44	21.38	21.41		
3	QPSK	8	4	21.33	21.31	21.39	22.5	0
3	QPSK	8	7	21.47	21.08	21.28		
3	QPSK	15	0	21.42	21.32	21.35		
3	16QAM	1	0	21.54	21.68	21.37		
3	16QAM	1	8	21.31	21.21	21.16	22.5	0
3	16QAM	1	14	21.54	21.40	21.26		
3	16QAM	8	0	21.39	21.32	21.41		
3	16QAM	8	4	21.36	21.33	21.37	22.5	0
3	16QAM	8	7	21.34	21.10	21.30		
3	16QAM	15	0	21.36	21.31	21.25		
3	64QAM	1	0	21.52	21.56	21.13		
3	64QAM	1	8	21.33	21.66	21.28	22.5	0
3	64QAM	1	14	21.68	21.20	21.27		
3	64QAM	8	0	20.90	20.76	20.97		
3	64QAM	8	4	20.88	20.86	20.84	22	0.5
3	64QAM	8	7	20.85	20.72	20.93		
3	64QAM	15	0	20.81	20.82	20.83		
3	256QAM	1	0	18.88	18.87	18.98		
3	256QAM	1	8	18.83	18.78	18.88	20	2.5
3	256QAM	1	14	18.93	18.90	18.84		
3	256QAM	8	0	18.84	18.67	18.76		
3	256QAM	8	4	18.74	18.68	18.73	20	2.5
3	256QAM	8	7	18.85	18.78	18.82		
3	256QAM	15	0	18.86	18.68	18.82		
			Channel	18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1850.7	1880	1909.3		
1.4	QPSK	1	0	21.63	21.34	21.42	22.5	0
1.4	QPSK	1	3	21.49	21.31	21.28		
1.4	QPSK	1	5	21.33	21.28	21.11		
1.4	QPSK	3	0	21.46	21.39	21.44	22.5	0
1.4	QPSK	3	1	21.39	21.28	21.34		
1.4	QPSK	3	2	21.47	21.13	21.38		
1.4	QPSK	6	0	21.41	21.31	21.31	22.5	0
1.4	16QAM	1	0	21.53	21.61	21.39		
1.4	16QAM	1	3	21.27	21.21	21.17		
1.4	16QAM	1	5	21.53	21.39	21.30	22.5	0
1.4	16QAM	3	0	21.39	21.29	21.44		
1.4	16QAM	3	1	21.42	21.32	21.36		
1.4	16QAM	3	2	20.89	20.80	20.89		
1.4	16QAM	6	0	21.34	21.35	21.32	22.5	0
1.4	64QAM	1	0	21.47	21.53	21.10		
1.4	64QAM	1	3	21.37	21.65	21.34		
1.4	64QAM	1	5	21.61	21.17	21.24	22.5	0
1.4	64QAM	3	0	20.90	20.77	20.97		
1.4	64QAM	3	1	20.89	20.80	20.83		
1.4	64QAM	3	2	20.82	20.69	20.92		
1.4	64QAM	6	0	20.82	20.94	20.81	22	0.5
1.4	256QAM	1	0	18.91	18.86	18.98		
1.4	256QAM	1	3	18.87	18.79	18.85		
1.4	256QAM	1	5	18.91	18.94	18.88	20	2.5
1.4	256QAM	3	0	18.87	18.66	18.70		
1.4	256QAM	3	1	18.81	18.75	18.73		
1.4	256QAM	3	2	18.83	18.78	18.78		
1.4	256QAM	6	0	18.84	18.69	18.75	20	2.5

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)	MPR (dB)
			Channel	20050	20175	20300		
			Frequency (MHz)	1720	1732.5	1745		
20	QPSK	1	0	21.53	21.78	21.65	22.5	0
20	QPSK	1	49	21.55	21.58	21.55		
20	QPSK	1	99	21.34	21.58	21.50		
20	QPSK	50	0	21.54	21.70	21.53		
20	QPSK	50	24	21.58	21.64	21.67	22.5	0
20	QPSK	50	50	21.64	21.61	21.61		
20	QPSK	100	0	21.57	21.65	21.63		
20	16QAM	1	0	21.66	21.55	21.48		
20	16QAM	1	49	21.43	21.69	21.53	22.5	0
20	16QAM	1	99	21.52	21.65	21.

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
				Channel				
				Frequency (MHz)				
20	QPSK	1	0	23.38	23.65	23.54	23.7	0
20	QPSK	1	49	23.37	23.45	23.43		
20	QPSK	1	99	23.21	23.41	23.37		
20	QPSK	50	0	23.48	23.58	23.42		
20	QPSK	50	24	23.45	23.53	23.50		
20	QPSK	50	50	23.54	23.44	23.51		
20	QPSK	100	0	23.45	23.48	23.45		
20	16QAM	1	0	23.53	23.44	23.30		
20	16QAM	1	49	23.33	23.57	23.40	23.7	0
20	16QAM	1	99	23.33	23.53	23.39		
20	16QAM	50	0	23.44	23.35	23.61		
20	16QAM	50	24	23.47	23.41	23.56	23.7	0
20	16QAM	50	50	23.55	23.43	23.44		
20	16QAM	100	0	23.40	23.48	23.43		
20	64QAM	1	0	23.45	23.54	23.46		
20	64QAM	1	49	23.54	23.42	23.47	23.7	0
20	64QAM	1	99	23.62	23.55	23.63		
20	64QAM	50	0	22.43	22.43	22.60		
20	64QAM	50	24	22.42	22.49	22.50	22.7	1
20	64QAM	50	50	22.48	22.46	22.45		
20	64QAM	100	0	22.40	22.58	22.48		
20	256QAM	1	0	20.68	20.42	20.61		
20	256QAM	1	49	20.56	20.47	20.47	20.7	3
20	256QAM	1	99	20.65	20.69	20.62		
20	256QAM	50	0	20.36	20.34	20.48		
20	256QAM	50	24	20.42	20.45	20.29	20.7	3
20	256QAM	50	50	20.31	20.42	20.46		
20	256QAM	100	0	20.30	20.44	20.32		
				Channel	20525	20615	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1717.5	1732.5	1747.5	
15	QPSK	1	0	23.30	23.58	23.44	23.7	0
15	QPSK	1	37	23.29	23.31	23.32		
15	QPSK	1	74	23.12	23.32	23.30		
15	QPSK	36	0	23.42	23.46	23.30		
15	QPSK	36	20	23.33	23.44	23.41	23.7	0
15	QPSK	36	39	23.40	23.33	23.37		
15	QPSK	75	0	23.31	23.37	23.43		
15	16QAM	1	0	23.40	23.27	23.27		
15	16QAM	1	37	23.17	23.43	23.30	23.7	0
15	16QAM	1	74	23.17	23.44	23.24		
15	16QAM	36	0	23.39	23.23	23.53		
15	16QAM	36	20	23.41	23.39	23.39	23.7	0
15	16QAM	36	39	23.44	23.37	23.37		
15	16QAM	75	0	23.27	23.46	23.31		
15	64QAM	1	0	23.42	23.41	23.40		
15	64QAM	1	37	23.49	23.32	23.37	23.7	0
15	64QAM	1	74	23.52	23.58	23.46		
15	64QAM	36	0	22.38	22.33	22.52		
15	64QAM	36	20	22.30	22.35	22.39	22.7	1
15	64QAM	36	39	22.43	22.43	22.34		
15	64QAM	75	0	22.31	22.43	22.33		
15	256QAM	1	0	20.60	20.39	20.61		
15	256QAM	1	37	20.47	20.26	20.41	20.7	3
15	256QAM	1	74	20.58	20.59	20.56		
15	256QAM	36	0	20.28	20.22	20.41		
15	256QAM	36	20	20.31	20.32	20.16	20.7	3
15	256QAM	36	39	20.29	20.28	20.32		
15	256QAM	75	0	20.22	20.35	20.26		
				Channel	20300	20175	20050	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1715	1732.5	1750		
10	QPSK	1	0	23.28	23.50	23.44	23.7	0
10	QPSK	1	25	23.36	23.31	23.31		
10	QPSK	1	49	23.14	23.35	23.30		
10	QPSK	25	0	23.35	23.45	23.33		
10	QPSK	25	12	23.31	23.36	23.43		
10	QPSK	25	25	23.36	23.33	23.37		
10	QPSK	50	0	23.38	23.39	23.43		
10	16QAM	1	0	23.40	23.31	23.26		
10	16QAM	1	25	23.22	23.43	23.27	23.7	0
10	16QAM	1	49	23.21	23.42	23.24		
10	16QAM	25	0	23.35	23.25	23.54		
10	16QAM	25	12	23.43	23.35	23.45	23.7	0
10	16QAM	25	25	23.39	23.32	23.30		
10	16QAM	50	0	23.29	23.44	23.31		
10	64QAM	1	0	23.40	23.43	23.39		
10	64QAM	1	25	23.46	23.33	23.33	23.7	0
10	64QAM	1	49	23.47	23.49	23.46		
10	64QAM	25	0	22.39	22.38	22.47		
10	64QAM	25	12	22.30	22.38	22.40	22.7	1
10	64QAM	25	25	22.40	22.44	22.33		
10	64QAM	50	0	22.41	22.43	22.37		
10	256QAM	1	0	20.62	20.40	20.70		
10	256QAM	1	25	20.52	20.34	20.40	20.7	3
10	256QAM	1	49	20.55	20.59	20.56		
10	256QAM	25	0	20.25	20.22	20.34		
10	256QAM	25	12	20.29	20.31	20.22	20.7	3
10	256QAM	25	25	20.23	20.34	20.34		
10	256QAM	50	0	20.19	20.33	20.24		
				Channel	19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1712.5	1732.5	1752.5		
5	QPSK	1	0	23.57	23.45	23.12	23.7	0
5	QPSK	1	12	23.32	23.30	23.32		
5	QPSK	1	24	23.08	23.37	23.23		
5	QPSK	12	0	23.38	23.48	23.31		
5	QPSK	12	7	23.38	23.39	23.46	23.7	0
5	QPSK	12	13	23.38	23.38	23.40		
5	QPSK	25	0	23.35	23.41	23.35		
5	16QAM	1	0	23.47	23.29	23.21		
5	16QAM	1	12	23.15	23.46	23.29	23.7	0
5	16QAM	1	24	23.20	23.38	23.27		
5	16QAM	12	0	23.33	23.53	23.50		
5	16QAM	12	7	23.38	23.35	23.44	23.7	0
5	16QAM	12	13	23.40	23.37	23.33		
5	16QAM	25	0	23.31	23.42	23.28		
5	64QAM	1	0	23.38	23.44	23.39	23.7	0
5	64QAM	1	12	23.49	23.35	23.34		
5	64QAM	1	24	23.56	23.55	23.50		
5	64QAM	12	0	22.35	22.33	22.51		
5	64QAM	12	7	22.34	22.38	22.44	22.7	1
5	64QAM	12	13	22.39	22.36	22.33		
5	64QAM	25	0	22.32	22.37	22.33		
5	256QAM	1	0	20.62	20.35	20.67		
5	256QAM	1	12	20.53	20.33	20.34	20.7	3
5	256QAM	1	24	20.62	20.59	20.59		
5	256QAM	12	0	20.25	20.25	20.40		
5	256QAM	12	7	20.28	20.37	20.24	20.7	3
5	256QAM	12	13	20.30	20.30	20.36		
5	256QAM	25	0	20.22	20.34	20.20		
				Channel	19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1711.5	1732.5	1753.5		
3	QPSK	1	0	23.25	23.53	23.38	23.7	0
3	QPSK	1	8	23.27	23.35	23.30		
3	QPSK	1	14	23.06	23.30	23.23		
3	QPSK	8	0	23.38	23.47	23.33		
3	QPSK	8	4	23.35	23.39	23.47	23.7	0
3	QPSK	8	7	23.39	23.37	23.37		
3	QPSK	15	0	23.39	23.43	23.40		
3	16QAM	1	0	23.42	23.35	23.23		
3	16QAM	1	8	23.17	23.45	23.27	23.7	0
3	16QAM	1	14	23.16	23.45	23.30		
3	16QAM	8	0	23.39	23.24	23.50		
3	16QAM	8	4	23.38	23.31	23.41	23.7	0
3	16QAM	8	7	23.41	23.33	23.35		
3	16QAM	15	0	23.32	23.38	23.30		
3	64QAM	1	0	23.41	23.42	23.35		
3	64QAM	1	8	23.46	23.33	23.37	23.7	0
3	64QAM	1	14	23.51	23.50	23.45		
3	64QAM	8	0	22.33	22.37	22.52		
3	64QAM	8	4	22.35	22.38	22.43	22.7	1
3	64QAM	8	7	22.40	22.44	22.37		
3	64QAM	15	0	22.32	22.41	22.36		
3	256QAM	1	0	20.60	20.34	20.61		
3	256QAM	1	8	20.50	20.30	20.38	20.7	3
3	256QAM	1	14	20.52	20.63	20.56		
3	256QAM	8	0	20.29	20.26	20.36		
3	256QAM	8	4	20.28	20.35	20.21	20.7	3
3	256QAM	8	7	20.23	20.28	20.37		
3	256QAM	15	0	20.23	20.37	20.27		
				Channel	19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.27	23.53	23.41	23.7	0
1.4	QPSK	1	3	23.30	23.37	23.33		
1.4	QPSK	1	5	23.14	23.31	23.29		
1.4	QPSK	3	0	23.42	23.46	23.28		
1.4	QPSK	3	1	23.34	23.42	23.43		
1.4	QPSK	3	3	23.40	23.40	23.36		
1.4	QPSK	6	0	23.39	23.38	23.42	23.7	0
1.4	16QAM	1	0	23.40	23.30	23.21	23.7	0
1.4	16QAM	1	3	23.23	23.46	23.32		
1.4	16QAM	1	5	23.15	23.44	23.31		
1.4	16QAM	3	0	23.32	23.28	23.50		
1.4	16QAM	3	1	23.39	23.35	23.41		
1.4	16QAM	3	3	23.47	23.33	23.34		
1.4	16QAM	6	0	23.26	23.38	23.28	23.7	0
1.4	64QAM	1	0	23.43	23.40	23.36	23.7	0
1.4	64QAM	1	3	23.46	23.38	23.38		
1.4	64QAM	1	5	23.50	23.54	23.47		
1.4	64QAM	3	0	22.31	22.36	22.49		
1.4	64QAM	3	1	22.35	22.38	22.37		
1.4	64QAM	3	3	22.38	22.43	22.31		
1.4	64QAM	6	0	22.28	22.46	22.34	23.2	0.5
1.4	256QAM	1	0	20.67	20.39	20.78	21.2	2.5
1.4	256QAM	1	3	20.53	20.26	20.37		
1.4	256QAM	1	5	20.57	20.66	20.54		
1.4	256QAM	3	0	20.30	20.21	20.37		
1.4	256QAM	3	1	20.28	20.33	20.19		
1.4	256QAM	3	3	20.25	20.34	20.29		
1.4	256QAM	6	0	20.22	20.36	20.19	21.2	2.5

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
				Channel				
				Frequency (MHz)				
20	QPSK	1	0	21.01	21.36	21.11	21.5	0
20	QPSK	1	49	20.99	21.12	21.05		
20	QPSK	1	99	20.80	21.16	20.92		
20	QPSK	50	0	21.07	21.24	21.02		
20	QPSK	50	24	21.01	21.17	21.12		
20	QPSK	50	50	21.12	21.17	21.08		
20	QPSK	100	0	21.04	21.19	21.08		
20	16QAM	1	0	21.12	21.13	20.91		
20	16QAM	1	49	20.93	21.28	20.95	21.5	0
20	16QAM	1	99	20.91	21.24	20.96		
20	16QAM	50	0	21.09	21.05	21.26		
20	16QAM	50	24	21.13	21.17	21.16	21.5	0
20	16QAM	50	50	21.17	21.17	21.03		
20	16QAM	100	0	21.01	21.22	21.05		
20	64QAM	1	0	21.09	21.24	21.08	21.5	0
20	64QAM	1	49	21.15	21.13	21.08		
20	64QAM	1	99	21.22	21.34	21.16		
20	64QAM	50	0	20.07	20.19	20.20		
20	64QAM	50	24	20.07	20.16	20.11	21.5	0
20	64QAM	50	50	20.10	20.23	20.01		
20	64QAM	100	0	20.00	20.20	20.11		
20	256QAM	1	0	19.21	19.10	19.30	20.7	3
20	256QAM	1	49	19.19	19.31	19.24		
20	256QAM	1	99	19.13	19.34	19.20		
20	256QAM	50	0	18.95	19.08	19.07	20	1.5
20	256QAM	50	24	18.92	19.10	19.02		
20	256QAM	50	50	18.92	19.09	18.99		
20	256QAM	100	0	18.89	19.15	18.97		
				Channel	20525	20615	20705	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1717.5	1732.5	1747.5		
15	QPSK	1	0	20.98	21.20	21.13	21.5	0
15	QPSK	1	37	21.00	21.01	21.01		
15	QPSK	1	74	20.96	21.08	20.96		
15	QPSK	36	0	21.09	21.17	21.01		
15	QPSK	36	20	21.03	21.13	21.16	21.5	0
15	QPSK	36	39	21.09	21.11	21.04		
15	QPSK	75	0	21.03	21.14	21.09		
15	16QAM	1	0	21.11	20.99	20.92		
15	16QAM	1	37	20.92	21.17	20.98	21.5	0
15	16QAM	1	74	20.92	21.11	21.00		
15	16QAM	36	0	21.03	20.99	21.20		
15	16QAM	36	20	21.12	21.02	21.10	21.5	0
15	16QAM	36	39	21.08	21.07	21.01		
15	16QAM	75	0	21.01	21.14	21.03		
15	64QAM	1	0	21.11	21.12	21.06	21.5	0
15	64QAM	1	37	21.18	21.01	21.07		
15	64QAM	1	74	21.22	21.22	21.16		
15	64QAM	36	0	20.02	20.03	20.17		
15	64QAM	36	20	20.06	20.12	20.06	21.5	0
15	64QAM	36	39	20.13	20.08	20.02		
15	64QAM	75	0	20.01	20.14	20.07		
15	256QAM	1	0	19.25	18.99	19.33	20	1.5
15	256QAM	1	37	19.11	18.90	18.96		
15	256QAM	1	74	19.10	19.19	19.22		
15	256QAM	36	0	19.00	18.98	19.08		
15	256QAM	36	20	18.96	19.08	18.92		
15	256QAM	36	39	18.91	19.04	19.05		
15	256QAM	75	0	18.90	19.05	18.95		
				Channel	20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1715	1732.5	1750		
10	QPSK	1	0	20.95	21.28	21.14	21.5	0
10	QPSK	1	25	21.03	21.03	20.99		
10	QPSK	1	49	20.76	21.02	20.94		
10	QPSK	25	0	21.07	21.19	20.98		
10	QPSK	25	12	21.12	21.12	21.14	21.5	0
10	QPSK	25	25	21.11	21.08	21.04		
10	QPSK	50	0	21.07	21.14	21.05		
10	16QAM	1	0	21.12	21.02	20.95		
10	16QAM	1	25	21.18	21.18	20.97	21.5	0
10	16QAM	1	49	20.89	21.15	20.93		
10	16QAM	25	0	21.09	20.95	21.19		
10	16QAM	25	12	21.08	21.06	21.10	21.5	0
10	16QAM	25	25	21.14	21.06	21.03		
10	16QAM	50	0	20.95	21.11	20.97		
10	64QAM	1	0	21.06	21.11	21.05		
10	64QAM	1	25	21.17	21.05	21.04	21.5	0
10	64QAM	1	49	21.23	21.19	21.23		
10	64QAM	25	0	20.04	20.05	20.15		
10	64QAM	25	12	20.04	20.05	20.13	21.5	0
10	64QAM	25	25	20.09	20.10	20.03		
10	64QAM	50	0	20.04	20.12	20.01		
10	256QAM	1	0	19.20	18.93	19.32	20	1.5
10	256QAM	1	25	19.10	18.94	18.94		
10	256QAM	1	49	19.15	19.20	19.20		
10	256QAM	25	0	18.99	18.95	19.11		
10	256QAM	25	12	19.00	19.00	18.93		
10	256QAM	25	25	18.98	18.98	19.07		
10	256QAM	50	0	18.89	19.00	18.89		
				Channel	19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1712.5	1732.5	1752.5		
5	QPSK	1	0	20.94	21.27	21.12	21.5	0
5	QPSK	1	12	20.98	21.02	21.03		
5	QPSK	1	24	20.76	21.04	20.94		
5	QPSK	12	0	21.13	21.15	21.03		
5	QPSK	12	7	21.12	21.07	21.16	21.5	0
5	QPSK	12	13	21.12	21.06	21.09		
5	QPSK	25	0	21.07	21.07	21.09		
5	16QAM	1	0	21.04	21.01	20.97		
5	16QAM	1	12	20.87	21.14	21.02	21.5	0
5	16QAM	1	24	20.85	21.11	21.00		
5	16QAM	12	0	21.06	20.93	21.23		
5	16QAM	12	7	21.09	21.02	21.13	21.5	0
5	16QAM	12	13	21.17	21.03	21.04		
5	16QAM	25	0	21.04	21.12	21.05		
5	64QAM	1	0	21.09	21.11	21.10	21.5	0
5	64QAM	1	12	21.18	21.09	21.08		
5	64QAM	1	24	21.23	21.23	21.21		
5	64QAM	12	0	20.01	20.06	20.22		
5	64QAM	12	7	20.00	20.09	20.13	21.5	0
5	64QAM	12	13	20.05	20.13	20.07		
5	64QAM	25	0	20.00	20.06	20.04		
5	256QAM	1	0	19.20	18.94	19.35	20	1.5
5	256QAM	1	12	19.09	18.90	18.95		
5	256QAM	1	24	19.18	19.18	19.20		
5	256QAM	12	0	19.01	18.93	19.09		
5	256QAM	12	7	19.02	19.03	18.94	20	1.5
5	256QAM	12	13	18.98	19.02	19.03		
5	256QAM	25	0	18.91	19.02	18.92		
				Channel	19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1711.5	1732.5	1753.5		
3	QPSK	1	0	20.98	21.26	21.13	21.5	0
3	QPSK	1	8	21.03	21.02	21.05		
3	QPSK	1	14	20.81	21.08	20.96		
3	QPSK	8	0	21.13	21.17	20.95		
3	QPSK	8	4	21.06	21.14	21.13	21.5	0
3	QPSK	8	7	21.12	21.09	21.04		
3	QPSK	15	0	21.04	21.07	21.11		
3	16QAM	1	0	21.09	21.02	20.92		
3	16QAM	1	8	20.85	21.13	21.01	21.5	0
3	16QAM	1	14	20.85	21.12	20.98		
3	16QAM	8	0	21.02	20.92	21.26		
3	16QAM	8	4	21.10	21.06	21.10	21.5	0
3	16QAM	8	7	21.15	21.00	21.07		
3	16QAM	15	0	20.95	21.11	21.02		
3	64QAM	1	0	21.11	21.13	21.12	21.5	0
3	64QAM	1	8	21.20	21.01	21.07		
3	64QAM	1	14	21.25	21.23	21.18		
3	64QAM	8	0	20.01	20.03	20.18		
3	64QAM	8	4	20.12	20.15	20.07	21.5	0
3	64QAM	8	7	20.09	20.14	20.05		
3	64QAM	15	0	20.10	20.12	20.06		
3	256QAM	1	0	19.25	18.92	19.33	20	1.5
3	256QAM	1	8	19.10	18.89	18.94		
3	256QAM	1	14	19.12	19.21	19.16		
3	256QAM	8	0	18.94	18.98	19.06		
3	256QAM	8	4	19.04	19.07	18.86		
3	256QAM	8	7	18.98	19.03	19.01		
3	256QAM	15	0	18.87	19.08	18.96		
				Channel	19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.01	21.23	21.11	21.5	0
1.4	QPSK	1	3	20.98	21.06	21.01		
1.4	QPSK	1	5	20.76	21.02	20.99		
1.4	QPSK	3	0	21.05	21.12	20.96		
1.4	QPSK	3	1	21.06	21.06	21.16		
1.4	QPSK	3	3	21.13	21.04	21.11		
1.4	QPSK	6	0	21.09	21.09	21.08	21.5	0
1.4	16QAM	1	0	21.11	20.99	20.95	21.5	0
1.4	16QAM	1	3	20.91	21.16	20.96		
1.4	16QAM	1	5	20.90	21.11	21.00		
1.4	16QAM	3	0	21.04	20.99	21.23		
1.4	16QAM	3	1	21.10	21.09	21.17		
1.4	16QAM	3	3	21.15	21.04	21.05		
1.4	16QAM	6	0	21.02	21.14	21.05	21.5	0
1.4	64QAM	1	0	21.06	21.08	21.08	21.5	0
1.4	64QAM	1	3	21.18	21.07	21.07		
1.4	64QAM	1	5	21.20	21.26	21.15		
1.4	64QAM	3	0	20.07	20.04	20.20		
1.4	64QAM	3	1	20.08	20.08	20.11		
1.4	64QAM	3	3	20.10	20.14	20.02		
1.4	64QAM	6	0	20.00	20.10	20.06	21	0.5
1.4	256QAM	1	0	19.22	18.99	19.35	19	2.5
1.4	256QAM	1	3	19.12	18.94	18.96		
1.4	256QAM	1	5	19.14	19.20	19.19		
1.4	256QAM	3	0	18.95	18.98	19.09		
1.4	256QAM	3	1	18.99	19.02	18.94		
1.4	256QAM	3	3	18.93	18.98	19.03		
1.4	256QAM	6	0	18.93	19.07	18.91	19	2.5

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)	MPR (dB)
				Channel				
				Frequency (MHz)				
10	QPSK	1	0	23.60	24.02	23.52	24.2	0
10	QPSK	1	25	23.59	23.81	23.42		
10	QPSK	1	49	23.54	23.60	23.42		
10	QPSK	25	0	23.61	23.69	23.43		
10	QPSK	25	12	23.64	23.66	23.41		
10	QPSK	25	25	23.60	23.65	23.35		
10	QPSK	50	0	23.62	23.69	23.44		
10	16QAM	1	0	23.68	23.48	23.64		
10	16QAM	1	25	23.51	23.61	23.26	24.2	0
10	16QAM	1	49	23.54	23.75	23.51		
10	16QAM	25	0	22.94	22.88	22.65		
10	16QAM	25	12	22.92	23.02	22.77	23.7

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.68	20.26	21.5	0
20	QPSK	1	49	20.66	20.37	20.25		
20	QPSK	1	99	20.66	20.43	20.23		
20	QPSK	50	0	20.49	20.56	20.31	21.5	0
20	QPSK	50	24	20.36	20.48	20.15		
20	QPSK	50	50	20.20	20.29	20.34		
20	QPSK	100	0	20.41	20.51	20.29		
20	16QAM	1	0	20.41	20.54	20.24	21.5	0
20	16QAM	1	49	20.50	20.54	20.52		
20	16QAM	1	99	19.97	20.37	20.40		
20	16QAM	50	0	19.37	19.52	19.27	21	0.5
20	16QAM	50	24	19.44	19.56	19.38		
20	16QAM	50	50	19.55	19.41	19.30		
20	16QAM	100	0	19.37	19.55	19.37		
20	64QAM	1	0	19.48	19.71	19.59	21	0.5
20	64QAM	1	49	19.58	19.79	19.17		
20	64QAM	1	99	19.70	19.49	19.27		
20	64QAM	50	0	18.48	18.56	18.36	20	1.5
20	64QAM	50	24	18.61	18.39	18.26		
20	64QAM	50	50	18.47	18.34	18.28		
20	64QAM	100	0	18.53	18.50	18.27		
20	256QAM	1	0	16.70	16.71	16.52	18	3.5
20	256QAM	1	49	16.60	16.75	16.43		
20	256QAM	1	99	16.74	16.74	16.36		
20	256QAM	50	0	16.46	16.51	16.43	18	3.5
20	256QAM	50	24	16.68	16.58	16.23		
20	256QAM	50	50	16.62	16.52	16.35		
20	256QAM	100	0	16.60	16.49	16.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.66	20.19	21.5	0
15	QPSK	1	37	20.67	20.39	20.32		
15	QPSK	1	74	20.64	20.43	20.16		
15	QPSK	36	0	20.53	20.55	20.32	21.5	0
15	QPSK	36	20	20.38	20.40	20.15		
15	QPSK	36	39	20.28	20.31	20.30		
15	QPSK	75	0	20.41	20.55	20.28		
15	16QAM	1	0	20.35	20.49	20.21	21.5	0
15	16QAM	1	37	20.54	20.59	20.50		
15	16QAM	1	74	19.95	20.40	20.36		
15	16QAM	36	0	19.42	19.55	19.26	21	0.5
15	16QAM	36	20	19.43	19.59	19.38		
15	16QAM	36	39	19.54	19.38	19.37		
15	16QAM	75	0	19.38	19.51	19.29		
15	64QAM	1	0	19.55	19.70	19.50	21	0.5
15	64QAM	1	37	19.54	19.72	19.14		
15	64QAM	1	74	19.64	19.47	19.35		
15	64QAM	36	0	18.47	18.48	18.39	20	1.5
15	64QAM	36	20	18.55	18.43	18.28		
15	64QAM	36	39	18.41	18.33	18.28		
15	64QAM	75	0	18.52	18.45	18.31		
15	256QAM	1	0	16.61	16.79	16.45	18	3.5
15	256QAM	1	37	16.61	16.72	16.46		
15	256QAM	1	74	16.72	16.73	16.36		
15	256QAM	36	0	16.46	16.51	16.39	18	3.5
15	256QAM	36	20	16.57	16.57	16.29		
15	256QAM	36	39	16.58	16.43	16.29		
15	256QAM	75	0	16.69	16.50	16.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.57	20.62	20.19	21.5	0
10	QPSK	1	25	20.62	20.42	20.28		
10	QPSK	1	49	20.60	20.49	20.25		
10	QPSK	25	0	20.53	20.56	20.33	21.5	0
10	QPSK	25	12	20.35	20.43	20.17		
10	QPSK	25	25	20.30	20.34	20.36		
10	QPSK	50	0	20.44	20.47	20.26		
10	16QAM	1	0	20.42	20.54	20.28	21.5	0
10	16QAM	1	25	20.56	20.57	20.46		
10	16QAM	1	49	20.01	20.35	20.38		
10	16QAM	25	0	19.39	19.47	19.26	21	0.5
10	16QAM	25	12	19.44	19.56	19.40		
10	16QAM	25	25	19.47	19.33	19.34		
10	16QAM	50	0	19.43	19.50	19.36		
10	64QAM	1	0	19.55	19.65	19.57	21	0.5
10	64QAM	1	25	19.62	19.77	19.17		
10	64QAM	1	49	19.72	19.52	19.35		
10	64QAM	25	0	18.45	18.49	18.39	20	1.5
10	64QAM	25	12	18.63	18.40	18.24		
10	64QAM	25	25	18.42	18.40	18.26		
10	64QAM	50	0	18.53	18.50	18.33		
10	256QAM	1	0	16.69	16.79	16.43	18	3.5
10	256QAM	1	25	16.69	16.74	16.44		
10	256QAM	1	49	16.72	16.72	16.34		
10	256QAM	25	0	16.45	16.54	16.39	18	3.5
10	256QAM	25	12	16.65	16.55	16.29		
10	256QAM	25	25	16.65	16.53	16.38		
10	256QAM	50	0	16.62	16.57	16.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.58	20.65	20.16	21.5	0
5	QPSK	1	12	20.60	20.36	20.23		
5	QPSK	1	24	20.60	20.49	20.24		
5	QPSK	12	0	20.50	20.52	20.35	21.5	0
5	QPSK	12	7	20.42	20.47	20.13		
5	QPSK	12	13	20.19	20.30	20.28		
5	QPSK	25	0	20.42	20.56	20.29		
5	16QAM	1	0	20.40	20.52	20.22	21.5	0
5	16QAM	1	12	20.58	20.52	20.48		
5	16QAM	1	24	20.04	20.42	20.31		
5	16QAM	12	0	19.36	19.45	19.28	21	0.5
5	16QAM	12	7	19.45	19.60	19.40		
5	16QAM	12	13	19.51	19.32	19.31		
5	16QAM	25	0	19.36	19.55	19.33		
5	64QAM	1	0	19.45	19.74	19.55	21	0.5
5	64QAM	1	12	19.62	19.80	19.13		
5	64QAM	1	24	19.64	19.49	19.31		
5	64QAM	12	0	18.54	18.54	18.39	20	1.5
5	64QAM	12	7	18.61	18.47	18.21		
5	64QAM	12	13	18.49	18.37	18.33		
5	64QAM	25	0	18.54	18.54	18.32		
5	256QAM	1	0	16.65	16.75	16.51	18	3.5
5	256QAM	1	12	16.65	16.65	16.46		
5	256QAM	1	24	16.75	16.74	16.32		
5	256QAM	12	0	16.53	16.56	16.46	18	3.5
5	256QAM	12	7	16.67	16.59	16.28		
5	256QAM	12	13	16.66	16.48	16.40		
5	256QAM	25	0	16.60	16.55	16.49		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.55	19.66	19.48	20	0
20	QPSK	1	49	19.50	19.52	19.47		
20	QPSK	1	99	19.48	19.51	19.43		
20	QPSK	50	0	19.49	19.60	19.53	20	0
20	QPSK	50	24	19.44	19.54	19.52		
20	QPSK	50	50	19.47	19.58	19.47		
20	QPSK	100	0	19.53	19.54	19.49		
20	16QAM	1	0	19.37	19.29	19.27	20	0
20	16QAM	1	49	19.36	19.41	19.29		
20	16QAM	1	99	19.34	19.41	19.40		
20	16QAM	50	0	19.05	19.17	19.09	20	0
20	16QAM	50	24	19.09	19.13	19.13		
20	16QAM	50	50	19.16	19.18	19.03		
20	16QAM	100	0	19.12	19.10	19.06		
20	64QAM	1	0	19.32	19.24	19.17	20	0
20	64QAM	1	49	19.28	19.23	19.24		
20	64QAM	1	99	19.27	19.27	19.30		
20	64QAM	50	0	19.06	19.16	19.12	20	0
20	64QAM	50	24	19.11	19.11	19.08		
20	64QAM	50	50	19.18	19.20	19.07		
20	64QAM	100	0	19.12	19.11	19.08		
20	256QAM	1	0	19.27	19.08	19.05	20	0
20	256QAM	1	49	19.10	19.18	19.11		
20	256QAM	1	99	19.08	19.15	19.14		
20	256QAM	50	0	18.88	19.09	18.93	20	0
20	256QAM	50	24	19.00	19.03	18.99		
20	256QAM	50	50	19.02	19.12	18.97		
20	256QAM	100	0	19.00	18.98	18.97		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.48	19.61	19.31	20	0
15	QPSK	1	37	19.44	19.46	19.46		
15	QPSK	1	74	19.42	19.41	19.52		
15	QPSK	36	0	19.38	19.49	19.49	20	0
15	QPSK	36	20	19.52	19.51	19.41		
15	QPSK	36	39	19.46	19.48	19.43		
15	QPSK	75	0	19.45	19.46	19.47		
15	16QAM	1	0	19.26	19.23	19.21	20	0
15	16QAM	1	37	19.36	19.33	19.27		
15	16QAM	1	74	19.31	19.39	19.31		
15	16QAM	36	0	19.00	19.14	19.00	20	0
15	16QAM	36	20	18.99	19.04	19.03		
15	16QAM	36	39	19.09	19.12	19.03		
15	16QAM	75	0	19.01	19.01	19.01		
15	64QAM	1	0	19.27	19.22	19.13	20	0
15	64QAM	1	37	19.27	19.20	19.23		
15	64QAM	1	74	19.17	19.26	19.20		
15	64QAM	36	0	19.02	19.06	19.09	20	0
15	64QAM	36	20	19.07	19.05	18.98		
15	64QAM	36	39	19.17	19.13	19.04		
15	64QAM	75	0	19.06	19.10	19.00		
15	256QAM	1	0	19.21	19.05	18.97	20	0
15	256QAM	1	37	19.10	19.09	19.03		
15	256QAM	1	74	18.98	19.12	19.04		
15	256QAM	36	0	18.88	19.05	18.82	20	0
15	256QAM	36	20	18.90	18.98	18.89		
15	256QAM	36	39	18.95	19.05	18.89		
15	256QAM	75	0	18.89	18.92	18.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.47	19.58	19.38	20	0
10	QPSK	1	25	19.50	19.49	19.42		
10	QPSK	1	49	19.42	19.41	19.50		
10	QPSK	25	0	19.43	19.50	19.52	20	0
10	QPSK	25	12	19.46	19.46	19.46		
10	QPSK	25	25	19.49	19.58	19.45		
10	QPSK	50	0	19.42	19.54	19.49		
10	16QAM	1	0	19.33	19.27	19.25	20	0
10	16QAM	1	25	19.29	19.36	19.22		
10	16QAM	1	49	19.23	19.38	19.39		
10	16QAM	25	0	19.04	19.10	19.01	20	0
10	16QAM	25	12	19.07	19.03	19.11		
10	16QAM	25	25	19.12	19.08	18.96		
10	16QAM	50	0	19.09	19.06	18.96		
10	64QAM	1	0	19.31	19.13	19.12	20	0
10	64QAM	1	25	19.17	19.23	19.18		
10	64QAM	1	49	19.18	19.23	19.29		
10	64QAM	25	0	18.98	19.06	19.11	20	0
10	64QAM	25	12	19.04	19.03	19.01		
10	64QAM	25	25	19.15	19.10	19.00		
10	64QAM	50	0	19.08	19.04	19.07		
10	256QAM	1	0	19.26	19.02	19.01	20	0
10	256QAM	1	25	19.01	19.17	19.07		
10	256QAM	1	49	19.08	19.15	19.04		
10	256QAM	25	0	18.87	18.99	18.93	20	0
10	256QAM	25	12	18.94	18.93	18.95		
10	256QAM	25	25	19.00	19.11	18.91		
10	256QAM	50	0	18.95	18.91	18.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.47	19.63	19.29	20	0
5	QPSK	1	12	19.39	19.51	19.41		
5	QPSK	1	24	19.48	19.49	19.48		
5	QPSK	12	0	19.39	19.50	19.50	20	0
5	QPSK	12	7	19.48	19.49	19.41		
5	QPSK	12	13	19.48	19.56	19.41		
5	QPSK	25	0	19.48	19.48	19.47		
5	16QAM	1	0	19.37	19.25	19.25	20	0
5	16QAM	1	12	19.28	19.39	19.28		
5	16QAM	1	24	19.31	19.38	19.31		
5	16QAM	12	0	18.97	19.16	19.02	20	0
5	16QAM	12	7	19.05	19.13	19.04		
5	16QAM	12	13	19.09	19.11	18.99		
5	16QAM	25	0	19.12	19.03	19.02		
5	64QAM	1	0	19.28	19.15	19.07	20	0
5	64QAM	1	12	19.24	19.18	19.23		
5	64QAM	1	24	19.18	19.19	19.20		
5	64QAM	12	0	18.99	19.16	19.08	20	0
5	64QAM	12	7	19.11	19.07	19.04		
5	64QAM	12	13	19.18	19.20	18.96		
5	64QAM	25	0	19.08	19.08	19.06		
5	256QAM	1	0	19.16	19.06	18.94	20	0
5	256QAM	1	12	19.09	19.17	19.06		
5	256QAM	1	24	19.08	19.10	19.14		
5	256QAM	12	0	18.88	18.98	18.86	20	0
5	256QAM	12	7	18.99	18.92	18.97		
5	256QAM	12	13	18.92	19.02	18.87		
5	256QAM	25	0	18.96	18.91	18.94		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.18	19.22	19.16	20.2	0
20	QPSK	1	49	19.13	19.17	19.03		
20	QPSK	1	99	19.14	19.16	19.08		
20	QPSK	50	0	19.19	19.21	19.10	20.2	0
20	QPSK	50	24	19.16	19.08	19.04		
20	QPSK	50	50	19.06	19.05	18.98		
20	QPSK	100	0	19.08	19.11	19.07		
20	16QAM	1	0	19.06	19.12	19.11	20.2	0
20	16QAM	1	49	18.87	19.21	19.19		
20	16QAM	1	99	19.19	19.13	19.17		
20	16QAM	50	0	18.74	19.11	19.07	20.2	0
20	16QAM	50	24	18.93	19.05	18.99		
20	16QAM	50	50	19.03	19.16	19.01		
20	16QAM	100	0	18.93	18.98	18.93		
20	64QAM	1	0	19.07	19.13	19.19	20.2	0
20	64QAM	1	49	18.88	19.14	19.09		
20	64QAM	1	99	18.76	19.17	18.96		
20	64QAM	50	0	18.81	19.09	19.15	20.2	0
20	64QAM	50	24	18.91	19.05	19.08		
20	64QAM	50	50	18.97	19.17	19.16		
20	64QAM	100	0	18.87	19.06	19.12		
20	256QAM	1	0	18.87	18.92	19.19	20.2	0
20	256QAM	1	49	18.90	18.99	19.17		
20	256QAM	1	99	18.93	19.05	19.13		
20	256QAM	50	0	18.75	18.92	19.14	20.2	0
20	256QAM	50	24	18.76	18.93	19.15		
20	256QAM	50	50	18.79	19.04	19.03		
20	256QAM	100	0	18.84	18.93	19.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.67	19.17	18.84	20.2	0
15	QPSK	1	37	18.92	18.80	19.02		
15	QPSK	1	74	18.81	19.10	19.07		
15	QPSK	36	0	18.74	19.15	18.99	20.2	0
15	QPSK	36	20	18.84	18.90	19.02		
15	QPSK	36	39	18.93	19.04	18.91		
15	QPSK	75	0	18.83	19.08	18.86		
15	16QAM	1	0	18.97	19.09	19.17	20.2	0
15	16QAM	1	37	18.78	19.18	19.15		
15	16QAM	1	74	19.15	19.11	19.21		
15	16QAM	36	0	18.74	19.03	19.06	20.2	0
15	16QAM	36	20	18.83	19.00	18.99		
15	16QAM	36	39	19.03	19.06	18.94		
15	16QAM	75	0	18.90	18.96	18.92		
15	64QAM	1	0	19.02	19.07	19.19	20.2	0
15	64QAM	1	37	18.77	19.17	19.03		
15	64QAM	1	74	18.67	19.13	18.95		
15	64QAM	36	0	18.80	19.00	19.09	20.2	0
15	64QAM	36	20	18.89	18.99	18.97		
15	64QAM	36	39	18.87	19.12	19.12		
15	64QAM	75	0	18.85	18.95	19.07		
15	256QAM	1	0	18.80	18.88	19.08	20.2	0
15	256QAM	1	37	18.83	18.88	19.11		
15	256QAM	1	74	18.88	19.02	19.17		
15	256QAM	36	0	18.67	18.87	19.12	20.2	0
15	256QAM	36	20	18.76	18.90	19.05		
15	256QAM	36	39	18.73	18.94	18.94		
15	256QAM	75	0	18.74	18.88	19.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.76	19.14	18.85	20.2	0
10	QPSK	1	25	18.93	18.78	19.01		
10	QPSK	1	49	18.81	19.10	19.05		
10	QPSK	25	0	18.68	19.11	18.99	20.2	0
10	QPSK	25	12	18.77	18.87	18.93		
10	QPSK	25	25	18.93	19.05	18.94		
10	QPSK	50	0	18.84	19.08	18.89		
10	16QAM	1	0	19.02	19.06	19.41	20.2	0
10	16QAM	1	25	18.79	19.12	19.09		
10	16QAM	1	49	19.09	19.33	19.20		
10	16QAM	25	0	18.71	19.04	19.00	20.2	0
10	16QAM	25	12	18.82	18.96	18.93		
10	16QAM	25	25	18.98	19.08	18.90		
10	16QAM	50	0	18.91	18.87	18.90		
10	64QAM	1	0	19.00	19.11	19.14	20.2	0
10	64QAM	1	25	18.79	19.28	19.01		
10	64QAM	1	49	18.70	19.36	18.91		
10	64QAM	25	0	18.71	19.06	19.08	20.2	0
10	64QAM	25	12	18.90	19.05	19.05		
10	64QAM	25	25	18.96	19.13	19.11		
10	64QAM	50	0	18.83	19.04	19.11		
10	256QAM	1	0	18.79	18.83	19.14	20.2	0
10	256QAM	1	25	18.87	18.96	19.11		
10	256QAM	1	49	18.82	18.97	19.14		
10	256QAM	25	0	18.68	18.81	19.08	20.2	0
10	256QAM	25	12	18.67	18.87	19.08		
10	256QAM	25	25	18.69	18.96	18.97		
10	256QAM	50	0	18.82	18.92	19.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.78	19.22	18.80	20.2	0
5	QPSK	1	12	18.86	18.87	19.00		
5	QPSK	1	24	18.77	19.07	18.98		
5	QPSK	12	0	18.75	19.19	19.05	20.2	0
5	QPSK	12	7	18.85	18.89	18.98		
5	QPSK	12	13	18.94	19.02	18.90		
5	QPSK	25	0	18.87	19.08	18.93		
5	16QAM	1	0	18.96	19.05	19.32	20.2	0
5	16QAM	1	12	18.87	19.12	19.18		
5	16QAM	1	24	19.10	19.41	19.24		
5	16QAM	12	0	18.70	19.00	19.05	20.2	0
5	16QAM	12	7	18.88	19.00	18.94		
5	16QAM	12	13	18.99	19.11	18.93		
5	16QAM	25	0	18.83	18.91	18.89		
5	64QAM	1	0	18.96	19.04	19.15	20.2	0
5	64QAM	1	12	18.80	19.30	19.06		
5	64QAM	1	24	18.74	19.35	18.93		
5	64QAM	12	0	18.76	19.08	19.12	20.2	0
5	64QAM	12	7	18.88	19.05	18.99		
5	64QAM	12	13	18.97	19.11	19.13		
5	64QAM	25	0	18.84	19.00	19.12		
5	256QAM	1	0	18.84	18.89	19.16	20.2	0
5	256QAM	1	12	18.81	18.88	19.14		
5	256QAM	1	24	18.87	18.97	19.21		
5	256QAM	12	0	18.72	18.83	19.12	20.2	0
5	256QAM	12	7	18.75	18.91	19.07		
5	256QAM	12	13	18.78	18.98	19.00		
5	256QAM	25	0	18.76	18.85	19.04		

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.28	19.57	19.29	20.5	0
20	QPSK	1	49	19.22	19.15	19.24		
20	QPSK	1	99	19.11	19.44	19.28		
20	QPSK	50	0	19.23	19.46	19.36	20.5	0
20	QPSK	50	24	19.12	19.21	19.25		
20	QPSK	50	50	19.19	19.37	19.20		
20	QPSK	100	0	19.07	19.34	19.24		
20	16QAM	1	0	19.35	19.40	19.37	20.5	0
20	16QAM	1	49	19.15	19.40	19.48		
20	16QAM	1	99	19.43	19.33	19.52		
20	16QAM	50	0	18.94	19.31	19.30	20.5	0
20	16QAM	50	24	19.22	19.25	19.28		
20	16QAM	50	50	19.22	19.41	19.31		
20	16QAM	100	0	19.12	19.26	19.16		
20	64QAM	1	0	19.31	19.39	19.45	20.5	0
20	64QAM	1	49	19.15	19.25	19.37		
20	64QAM	1	99	19.02	19.31	19.23		
20	64QAM	50	0	19.00	19.30	19.40	20.5	0
20	64QAM	50	24	19.20	19.31	19.33		
20	64QAM	50	50	19.21	19.36	19.36		
20	64QAM	100	0	19.15	19.26	19.36		
20	256QAM	1	0	18.08	18.18	18.39	19.5	1
20	256QAM	1	49	18.20	18.29	18.38		
20	256QAM	1	99	18.14	18.32	18.49		
20	256QAM	50	0	18.04	18.19	18.38	19.5	1
20	256QAM	50	24	17.97	18.17	18.40		
20	256QAM	50	50	18.08	18.31	18.31		
20	256QAM	100	0	18.11	18.16	18.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.33	19.31	19.39	20.5	0
15	QPSK	1	37	19.43	19.40	19.22		
15	QPSK	1	74	19.32	19.33	19.34		
15	QPSK	36	0	19.32	19.37	19.05	20.5	0
15	QPSK	36	20	19.32	19.41	19.23		
15	QPSK	36	39	19.12	19.26	19.24		
15	QPSK	75	0	19.02	19.30	19.19		
15	16QAM	1	0	19.27	19.36	19.05	20.5	0
15	16QAM	1	37	19.06	19.37	19.38		
15	16QAM	1	74	19.36	19.02	19.01		
15	16QAM	36	0	18.94	19.26	19.30	20.5	0
15	16QAM	36	20	19.22	19.29	19.16		
15	16QAM	36	39	19.18	19.25	19.15		
15	16QAM	75	0	19.12	19.26	19.04		
15	64QAM	1	0	19.28	19.30	19.39	20.5	0
15	64QAM	1	37	19.00	19.05	19.38		
15	64QAM	1	74	18.98	19.09	19.13		
15	64QAM	36	0	19.08	19.23	19.39	20.5	0
15	64QAM	36	20	19.14	19.23	19.36		
15	64QAM	36	39	19.13	19.42	19.32		
15	64QAM	75	0	19.01	19.25	19.36		
15	256QAM	1	0	17.03	17.19	17.33	19.5	1
15	256QAM	1	37	17.04	17.21	17.27		
15	256QAM	1	74	17.09	17.17	17.47		
15	256QAM	36	0	16.91	17.16	17.27	19.5	1
15	256QAM	36	20	16.95	17.02	17.31		
15	256QAM	36	39	17.08	17.15	17.19		
15	256QAM	75	0	17.05	17.07	17.27		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.31	19.78	19.40	20.5	0
10	QPSK	1	25	19.38	19.41	19.51		
10	QPSK	1	49	19.41	19.67	19.63		
10	QPSK	25	0	19.25	19.67	19.58	20.5	0
10	QPSK	25	12	19.30	19.51	19.51		
10	QPSK	25	25	19.46	19.56	19.49		
10	QPSK	50	0	19.33	19.61	19.46		
10	16QAM	1	0	19.52	19.66	19.87	20.5	0
10	16QAM	1	25	19.30	19.71	19.62		
10	16QAM	1	49	19.72	19.87	19.75		
10	16QAM	25	0	19.16	19.58	19.53	20.5	0
10	16QAM	25	12	19.42	19.57	19.55		
10	16QAM	25	25	19.52	19.65	19.44		
10	16QAM	50	0	19.47	19.55	19.36		
10	64QAM	1	0	19.52	19.55	19.71	20.5	0
10	64QAM	1	25	19.34	19.73	19.69		
10	64QAM	1	49	19.24	19.83	19.40		
10	64QAM	25	0	19.27	19.47	19.68	20.5	0
10	64QAM	25	12	19.40	19.52	19.63		
10	64QAM	25	25	19.50	19.67	19.64		
10	64QAM	50	0	19.32	19.63	19.67		
10	256QAM	1	0	17.29	17.40	17.66	19.5	1
10	256QAM	1	25	17.36	17.53	17.61		
10	256QAM	1	49	17.33	17.49	17.83		
10	256QAM	25	0	17.30	17.48	17.57	19.5	1
10	256QAM	25	12	17.15	17.34	17.62		
10	256QAM	25	25	17.32	17.42	17.47		
10	256QAM	50	0	17.36	17.35	17.63		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.22	19.82	19.44	20.5	0
5	QPSK	1	12	19.40	19.40	19.55		
5	QPSK	1	24	19.39	19.73	19.64		
5	QPSK	12	0	19.33	19.68	19.64	20.5	0
5	QPSK	12	7	19.29	19.41	19.44		
5	QPSK	12	13	19.44	19.61	19.45		
5	QPSK	25	0	19.38	19.52	19.46		
5	16QAM	1	0	19.58	19.58	19.90	20.5	0
5	16QAM	1	12	19.29	19.65	19.62		
5	16QAM	1	24	19.70	19.86	19.78		
5	16QAM	12	0	19.19	19.57	19.60	20.5	0
5	16QAM	12	7	19.50	19.59	19.50		
5	16QAM	12	13	19.42	19.60	19.44		
5	16QAM	25	0	19.45	19.48	19.39		
5	64QAM	1	0	19.52	19.60	19.63	20.5	0
5	64QAM	1	12	19.39	19.80	19.63		
5	64QAM	1	24	19.31	19.86	19.43		
5	64QAM	12	0	19.33	19.49	19.71	20.5	0
5	64QAM	12	7	19.48	19.49	19.60		
5	64QAM	12	13	19.47	19.72	19.61		
5	64QAM	25	0	19.31	19.65	19.65		
5	256QAM	1	0	17.26	17.50	17.67	19.5	1
5	256QAM	1	12	17.41	17.53	17.61		
5	256QAM	1	24	17.43	17.44	17.77		
5	256QAM	12	0	17.21	17.46	17.61	19.5	1
5	256QAM	12	7	17.22	17.33	17.64		
5	256QAM	12	13	17.30	17.50	17.52		
5	256QAM	25	0	17.37	17.32	17.57		

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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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				23060	23095	23130		
				704	707.5	711		
10	QPSK	1	0	25.01	25.15	25.05	25.7	0
10	QPSK	1	25	24.97	25.14	25.00		
10	QPSK	1	49	25.00	25.13	25.02		
10	QPSK	25	0	23.96	24.12	24.07	24.7	1
10	QPSK	25	12	24.03	24.10	23.94		
10	QPSK	25	25	23.98	24.08	24.02		
10	QPSK	50	0	24.06	24.06	24.04		
10	16QAM	1	0	24.06	24.45	24.02	24.7	1
10	16QAM	1	25	24.06	24.42	24.15		
10	16QAM	1	49	24.12	24.55	24.18		
10	16QAM	25	0	22.82	22.98	23.02	23.7	2
10	16QAM	25	12	22.93	22.92	23.14		
10	16QAM	25	25	22.93	22.98	23.06		
10	16QAM	50	0	22.98	23.04	22.97		
10	64QAM	1	0	23.16	23.15	23.23	23.7	2
10	64QAM	1	25	23.23	23.37	23.40		
10	64QAM	1	49	23.35	23.46	23.34		
10	64QAM	25	0	21.88	22.02	22.05	22.7	3
10	64QAM	25	12	21.99	22.08	22.14		
10	64QAM	25	25	22.00	22.07	22.11		
10	64QAM	50	0	22.02	22.04	22.04		
10	256QAM	1	0	20.09	20.20	20.20	20.7	5
10	256QAM	1	25	20.25	20.19	20.26		
10	256QAM	1	49	20.17	20.18	20.18		
10	256QAM	25	0	20.01	20.09	20.13	20.7	5
10	256QAM	25	12	20.08	20.08	20.08		
10	256QAM	25	25	20.06	19.99	20.00		
10	256QAM	50	0	20.08	20.08	20.11		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23330	23095	23155		
				Frequency (MHz)				
				701.5	707.5	713.5		
5	QPSK	1	0	25.03	25.13	24.96	25.7	0
5	QPSK	1	12	25.06	25.14	25.05		
5	QPSK	1	24	25.10	25.08	25.11		
5	QPSK	12	0	23.94	24.06	23.99	24.7	1
5	QPSK	12	7	23.93	24.01	24.05		
5	QPSK	12	13	24.00	23.99	23.93		
5	QPSK	25	0	23.99	23.94	24.00		
5	16QAM	1	0	24.39	24.20	24.29	24.7	1
5	16QAM	1	12	24.43	24.24	24.18		
5	16QAM	1	24	24.49	24.28	24.33		
5	16QAM	12	0	22.95	23.07	23.01	23.7	2
5	16QAM	12	7	22.91	23.05	23.04		
5	16QAM	12	13	22.99	22.94	22.99		
5	16QAM	25	0	22.98	23.06	23.17		
5	64QAM	1	0	22.71	23.02	23.07	23.7	2
5	64QAM	1	12	22.75	23.09	23.02		
5	64QAM	1	24	22.78	23.11	23.11		
5	64QAM	12	0	21.99	22.02	21.98	22.7	3
5	64QAM	12	7	21.96	21.98	21.99		
5	64QAM	12	13	21.97	21.94	21.88		
5	64QAM	25	0	21.98	22.03	21.96		
5	256QAM	1	0	19.98	20.00	19.92	20.7	5
5	256QAM	1	12	20.10	20.02	20.12		
5	256QAM	1	24	20.11	20.02	20.07		
5	256QAM	12	0	20.04	19.95	19.97	20.7	5
5	256QAM	12	7	20.03	20.06	20.12		
5	256QAM	12	13	19.91	20.06	20.02		
5	256QAM	25	0	19.92	20.05	19.91		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23021	23095	23169		
				Frequency (MHz)				
				700.5	707.5	714.5		
3	QPSK	1	0	24.82	25.05	25.05	25.7	0
3	QPSK	1	8	24.92	25.10	25.07		
3	QPSK	1	14	25.04	25.07	25.07		
3	QPSK	8	0	23.94	23.98	24.00	24.7	1
3	QPSK	8	4	23.92	23.97	23.99		
3	QPSK	8	7	23.97	24.02	24.02		
3	QPSK	15	0	23.96	23.93	23.97		
3	16QAM	1	0	24.24	24.40	24.43	24.7	1
3	16QAM	1	8	24.33	24.35	24.51		
3	16QAM	1	14	24.29	24.31	24.51		
3	16QAM	8	0	22.93	22.99	23.11	23.7	2
3	16QAM	8	4	23.00	23.04	23.03		
3	16QAM	8	7	23.05	23.06	23.10		
3	16QAM	15	0	22.90	22.85	23.02		
3	64QAM	1	0	23.20	23.28	23.09	23.7	2
3	64QAM	1	8	23.18	23.31	23.13		
3	64QAM	1	14	23.27	23.31	23.07		
3	64QAM	8	0	21.95	21.95	22.06	22.7	3
3	64QAM	8	4	21.96	21.97	21.99		
3	64QAM	8	7	22.03	22.01	21.95		
3	64QAM	15	0	22.07	22.01	21.99		
3	256QAM	1	0	19.90	19.97	19.98	20.7	5
3	256QAM	1	8	19.95	20.04	19.93		
3	256QAM	1	14	20.07	19.99	19.93		
3	256QAM	8	0	19.92	19.97	20.05	20.7	5
3	256QAM	8	4	20.15	19.90	20.08		
3	256QAM	8	7	20.02	20.03	20.04		
3	256QAM	15	0	19.98	19.98	20.12		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23017	23095	23173		
				Frequency (MHz)				
				699.7	707.5	715.3		
1.4	QPSK	1	0	24.86	24.88	24.85	25.7	0
1.4	QPSK	1	3	24.83	24.90	24.85		
1.4	QPSK	1	5	24.87	24.99	24.83		
1.4	QPSK	3	0	24.91	24.97	24.96		
1.4	QPSK	3	2	24.93	24.99	24.95		
1.4	QPSK	3	3	24.93	24.93	25.06		
1.4	QPSK	6	0	23.89	24.01	24.06	24.7	1
1.4	16QAM	1	0	23.98	24.07	23.84	24.7	1
1.4	16QAM	1	3	24.03	24.13	23.84		
1.4	16QAM	1	5	24.06	24.07	23.83		
1.4	16QAM	3	0	23.97	24.11	24.05		
1.4	16QAM	3	1	23.97	24.06	23.95		
1.4	16QAM	3	3	23.99	23.98	24.05		
1.4	16QAM	6	0	22.86	23.06	22.99	23.7	2
1.4	64QAM	1	0	23.15	23.26	23.29	23.7	2
1.4	64QAM	1	3	23.13	23.30	23.29		
1.4	64QAM	1	5	23.15	23.28	23.29		
1.4	64QAM	3	0	23.02	23.15	22.99		
1.4	64QAM	3	1	23.06	23.21	23.22		
1.4	64QAM	3	3	22.97	23.14	23.28		
1.4	64QAM	6	0	21.94	21.97	21.92	22.7	3
1.4	256QAM	1	0	19.94	19.95	20.09	20.7	5
1.4	256QAM	1	3	20.03	19.99	20.15		
1.4	256QAM	1	5	20.06	19.92	19.93		
1.4	256QAM	3	0	20.12	20.04	20.10		
1.4	256QAM	3	1	20.13	20.05	20.10		
1.4	256QAM	3	3	19.99	20.09	20.10		
1.4	256QAM	6	0	20.07	19.94	20.06	20.7	5

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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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				23060	23095	23130		
				704	707.5	711		
10	QPSK	1	0	24.61	24.69	24.59	25.2	0
10	QPSK	1	25	24.60	24.57	24.58		
10	QPSK	1	49	24.56	24.61	24.53		
10	QPSK	25	0	24.13	24.17	24.16	24.7	0.5
10	QPSK	25	12	24.11	24.09	24.15		
10	QPSK	25	25	24.12	24.14	24.13		
10	QPSK	50	0	24.03	24.05	24.04		
10	16QAM	1	0	24.02	24.14	24.22	24.7	0.5
10	16QAM	1	25	24.38	24.01	24.11		
10	16QAM	1	49	24.32	24.38	24.36		
10	16QAM	25	0	22.96	23.07	22.94	23.7	1.5
10	16QAM	25	12	22.93	23.04	23.18		
10	16QAM	25	25	23.01	23.01	23.02		
10	16QAM	50	0	23.00	23.04	23.11		
10	64QAM	1	0	23.16	22.96	23.04	23.7	1.5
10	64QAM	1	25	23.19	23.36	23.28		
10	64QAM	1	49	23.25	23.47	23.37		
10	64QAM	25	0	21.94	22.00	22.00	22.7	2.5
10	64QAM	25	12	21.96	22.10	22.03		
10	64QAM	25	25	21.96	21.99	22.02		
10	64QAM	50	0	22.05	22.04	22.02		
10	256QAM	1	0	20.32	20.29	20.34	20.7	4.5
10	256QAM	1	25	20.27	20.34	20.40		
10	256QAM	1	49	20.28	20.37	20.31		
10	256QAM	25	0	20.23	20.26	20.26	20.7	4.5
10	256QAM	25	12	20.26	20.20	20.33		
10	256QAM	25	25	20.18	20.28	20.27		
10	256QAM	50	0	20.21	20.24	20.25		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23330	23095	23155		
				Frequency (MHz)				
				701.5	707.5	713.5		
5	QPSK	1	0	24.49	24.50	24.54	25.2	0
5	QPSK	1	12	24.49	24.61	24.59		
5	QPSK	1	24	24.50	24.57	24.56		
5	QPSK	12	0	24.00	24.00	24.05	24.7	0.5
5	QPSK	12	7	23.98	24.04	24.07		
5	QPSK	12	13	23.98	23.99	23.94		
5	QPSK	25	0	24.01	23.97	24.04		
5	16QAM	1	0	23.89	24.05	24.41	24.7	0.5
5	16QAM	1	12	23.94	24.27	24.35		
5	16QAM	1	24	24.46	24.51	24.39		
5	16QAM	12	0	23.02	23.06	23.01	23.7	1.5
5	16QAM	12	7	22.93	22.99	23.01		
5	16QAM	12	13	22.98	23.06	22.86		
5	16QAM	25	0	22.98	22.97	23.13		
5	64QAM	1	0	23.27	23.10	23.01	23.7	1.5
5	64QAM	1	12	23.23	23.24	23.07		
5	64QAM	1	24	23.06	23.27	23.37		
5	64QAM	12	0	22.01	22.04	22.06	22.7	2.5
5	64QAM	12	7	21.97	22.09	22.12		
5	64QAM	12	13	21.90	22.04	21.82		
5	64QAM	25	0	21.93	21.95	22.00		
5	256QAM	1	0	20.26	20.24	20.14	20.7	4.5
5	256QAM	1	12	20.20	20.14	20.21		
5	256QAM	1	24	20.15	20.25	20.20		
5	256QAM	12	0	20.05	20.10	20.13	20.7	4.5
5	256QAM	12	7	20.12	20.11	20.27		
5	256QAM	12	13	20.12	20.11	20.11		
5	256QAM	25	0	20.10	20.17	20.13		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23021	23095	23169		
				Frequency (MHz)				
				700.5	707.5	714.5		
3	QPSK	1	0	24.47	24.50	24.46	25.2	0
3	QPSK	1	8	24.45	24.52	24.46		
3	QPSK	1	14	24.52	24.55	24.50		
3	QPSK	8	0	23.95	24.01	24.05	24.7	0.5
3	QPSK	8	4	23.96	23.96	23.96		
3	QPSK	8	7	24.03	23.98	24.03		
3	QPSK	15	0	23.97	23.99	24.08		
3	16QAM	1	0	23.94	24.05	24.02	24.7	0.5
3	16QAM	1	8	24.18	24.44	24.17		
3	16QAM	1	14	24.08	24.46	23.91		
3	16QAM	8	0	23.00	23.01	23.11	23.7	1.5
3	16QAM	8	4	23.01	22.95	23.06		
3	16QAM	8	7	23.16	23.13	23.10		
3	16QAM	15	0	23.05	23.02	23.06		
3	64QAM	1	0	23.00	23.25	23.33	23.7	1.5
3	64QAM	1	8	23.00	23.06	23.32		
3	64QAM	1	14	23.03	23.02	23.37		
3	64QAM	8	0	22.12	22.06	22.02	22.7	2.5
3	64QAM	8	4	22.03	21.89	21.97		
3	64QAM	8	7	22.05	22.03	21.99		
3	64QAM	15	0	22.09	21.92	22.06		
3	256QAM	1	0	20.19	20.22	20.16	20.7	4.5
3	256QAM	1	8	20.09	20.18	20.27		
3	256QAM	1	14	20.19	20.26	20.14		
3	256QAM	8	0	20.10	20.19	20.10	20.7	4.5
3	256QAM	8	4	20.15	20.06	20.27		
3	256QAM	8	7	20.00	20.13	20.18		
3	256QAM	15	0	20.03	20.14	20.09		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23017	23095	23173		
				Frequency (MHz)				
				699.7	707.5	715.3		
1.4	QPSK	1	0	24.35	24.35	24.48	25.2	0
1.4	QPSK	1	3	24.33	24.41	24.49		
1.4	QPSK	1	5	24.59	24.48	24.59		
1.4	QPSK	3	0	24.33	24.51	24.56		
1.4	QPSK	3	2	24.53	24.41	24.54		
1.4	QPSK	3	3	24.53	24.44	24.45		
1.4	QPSK	6	0	23.98	24.05	24.12	24.7	0.5
1.4	16QAM	1	0	24.00	24.27	24.44	24.7	0.5
1.4	16QAM	1	3	24.23	24.26	24.50		
1.4	16QAM	1	5	24.42	23.92	24.30		
1.4	16QAM	3	0	24.02	24.13	23.98		
1.4	16QAM	3	1	23.90	24.09	24.07		
1.4	16QAM	3	3	24.14	24.00	24.15		
1.4	16QAM	6	0	23.12	23.14	23.09	23.7	1.5
1.4	64QAM	1	0	22.97	23.07	23.32	23.7	1.5
1.4	64QAM	1	3	23.32	23.04	23.21		
1.4	64QAM	1	5	23.26	23.02	23.32		
1.4	64QAM	3	0	23.02	22.83	23.15		
1.4	64QAM	3	1	22.98	23.13	23.25		
1.4	64QAM	3	3	23.05	23.08	22.90		
1.4	64QAM	6	0	21.96	21.96	21.98	22.7	2.5
1.4	256QAM	1	0	20.15	20.09	20.25	20.7	4.5
1.4	256QAM	1	3	20.19	20.23	20.22		
1.4	256QAM	1	5	20.18	20.29	20.24		
1.4	256QAM	3	0	20.11	20.12	20.20		
1.4	256QAM	3	1	20.13	20.07	20.24		
1.4	256QAM	3	3	20.11	20.13	20.16		
1.4	256QAM	6	0	20.02	20.15	20.08	20.7	4.5

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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				23780	23790	23800		
				703	710	711		
10	QPSK	1	0	24.86	25.15	24.95	25.7	0
10	QPSK	1	25	25.03	25.07	25.05		
10	QPSK	1	49	25.02	25.14	25.06		
10	QPSK	25	0	23.94	24.15	23.99	24.7	1
10	QPSK	25	12	24.08	24.03	24.13		
10	QPSK	25	25	24.07	24.10	24.09		
10	QPSK	50	0	24.07	24.09	24.08		
10	16QAM	1	0	23.92	24.07	24.07	24.7	1
10	16QAM	1	25	24.10	24.20	24.13		
10	16QAM	1	49	24.17	24.18	24.58		
10	16QAM	25	0	22.98	22.94	23.09	23.7	2
10	16QAM	25	12	23.01	22.97	23.11		
10	16QAM	25	25	23.09	23.01	23.12		
10	16QAM	50	0	23.05	23.00	23.01		
10	64QAM	1	0	22.96	23.18	23.23	23.7	2
10	64QAM	1	25	22.99	23.32	23.39		
10	64QAM	1	49	23.39	23.35	23.41		
10	64QAM	25	0	21.93	21.93	22.06	22.7	3
10	64QAM	25	12	22.04	22.02	22.14		
10	64QAM	25	25	22.07	22.14	22.13		
10	64QAM	50	0	22.01	22.06	22.02		
10	256QAM	1	0	20.16	20.13	20.16	20.7	5
10	256QAM	1	25	20.26	20.29	20.30		
10	256QAM	1	49	20.21	20.24	20.24		
10	256QAM	25	0	20.10	20.12	20.14	20.7	5
10	256QAM	25	12	20.12	20.12	20.09		
10	256QAM	25	25	20.14	20.13	20.07		
10	256QAM	50	0	20.06	20.11	20.10		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23755	23790	23825		
				Frequency (MHz)				
				706.5	710	713.5		
5	QPSK	1	0	24.99	25.07	25.00	25.7	0
5	QPSK	1	12	25.06	25.05	25.03		
5	QPSK	1	24	25.06	25.11	25.13		
5	QPSK	12	0	23.92	24.05	24.08	24.7	1
5	QPSK	12	7	23.96	24.07	24.05		
5	QPSK	12	13	23.97	24.04	23.96		
5	QPSK	25	0	24.03	24.05	24.02		
5	16QAM	1	0	24.35	24.45	24.29	24.7	1
5	16QAM	1	12	24.49	24.59	24.21		
5	16QAM	1	24	24.54	24.56	24.30		
5	16QAM	12	0	22.94	22.98	23.09	23.7	2
5	16QAM	12	7	22.93	22.99	23.06		
5	16QAM	12	13	22.91	23.02	22.96		
5	16QAM	25	0	23.08	23.16	23.17		
5	64QAM	1	0	22.76	22.75	23.17	23.7	2
5	64QAM	1	12	22.82	22.89	23.12		
5	64QAM	1	24	22.92	22.94	23.12		
5	64QAM	12	0	21.98	22.03	22.06	22.7	3
5	64QAM	12	7	21.98	22.08	22.05		
5	64QAM	12	13	21.98	22.01	21.95		
5	64QAM	25	0	21.94	22.12	22.08		
5	256QAM	1	0	20.12	20.02	19.97	20.7	5
5	256QAM	1	12	20.11	20.13	20.09		
5	256QAM	1	24	20.15	20.09	19.91		
5	256QAM	12	0	20.07	19.94	20.06	20.7	5
5	256QAM	12	7	19.99	20.11	19.97		
5	256QAM	12	13	19.97	19.93	19.95		
5	256QAM	25	0	20.11	20.02	20.12		

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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				23780	23790	23800		
				703	710	711		
10	QPSK	1	0	24.59	24.69	24.59	25.2	0
10	QPSK	1	25	24.52	24.64	24.54		
10	QPSK	1	49	24.58	24.61	24.54		
10	QPSK	25	0	24.07	24.08	23.98	24.7	0.5
10	QPSK	25	12	24.01	23.98	23.88		
10	QPSK	25	25	24.06	24.07	24.02		
10	QPSK	50	0	23.98	24.07	24.02		
10	16QAM	1	0	24.40	24.69	24.36	24.7	0.5
10	16QAM	1	25	24.44	24.34	24.16		
10	16QAM	1	49	24.34	24.37	24.56		
10	16QAM	25	0	22.93	22.94	22.96	23.7	1.5
10	16QAM	25	12	23.06	23.02	23.10		
10	16QAM	25	25	23.15	23.12	23.11		
10	16QAM	50	0	23.00	23.06	23.10		
10	64QAM	1	0	23.19	22.98	23.23	23.7	1.5
10	64QAM	1	25	23.06	23.33	23.31		
10	64QAM	1	49	23.14	23.40	23.11		
10	64QAM	25	0	21.97	21.99	22.00	22.7	2.5
10	64QAM	25	12	21.98	22.08	22.17		
10	64QAM	25	25	22.18	22.06	22.07		
10	64QAM	50	0	22.08	22.06	22.19		
10	256QAM	1	0	20.31	20.34	20.37	20.7	4.5
10	256QAM	1	25	20.31	20.46	20.44		
10	256QAM	1	49	20.40	20.39	20.46		
10	256QAM	25	0	20.30	20.30	20.21	20.7	4.5
10	256QAM	25	12	20.23	20.32	20.31		
10	256QAM	25	25	20.36	20.41	20.42		
10	256QAM	50	0	20.25	20.30	20.30		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23755	23790	23825		
				Frequency (MHz)				
				706.5	710	713.5		
5	QPSK	1	0	24.35	24.38	24.41	25.2	0
5	QPSK	1	12	24.52	24.53	24.43		
5	QPSK	1	24	24.51	24.50	24.64		
5	QPSK	12	0	23.94	23.99	23.92	24.7	0.5
5	QPSK	12	7	23.97	23.89	23.85		
5	QPSK	12	13	23.99	24.02	24.02		
5	QPSK	25	0	23.96	24.02	23.99		
5	16QAM	1	0	24.40	24.09	24.26	24.7	0.5
5	16QAM	1	12	24.44	24.30	24.15		
5	16QAM	1	24	24.24	24.28	24.51		
5	16QAM	12	0	22.88	22.88	22.86	23.7	1.5
5	16QAM	12	7	22.98	22.93	23.08		
5	16QAM	12	13	23.15	23.04	23.02		
5	16QAM	25	0	23.00	22.96	23.05		
5	64QAM	1	0	23.10	22.92	23.20	23.7	1.5
5	64QAM	1	12	23.00	23.23	23.23		
5	64QAM	1	24	23.03	23.40	23.07		
5	64QAM	12	0	21.95	21.96	22.00	22.7	2.5
5	64QAM	12	7	21.89	22.03	22.13		
5	64QAM	12	13	22.15	21.99	22.03		
5	64QAM	25	0	22.08	22.05	22.11		
5	256QAM	1	0	20.31	20.25	20.29	20.7	4.5
5	256QAM	1	12	20.31	20.38	20.34		
5	256QAM	1	24	20.30	20.36	20.38		
5	256QAM	12	0	20.20	20.30	20.21	20.7	4.5
5	256QAM	12	7	20.13	20.27	20.27		
5	256QAM	12	13	20.28	20.35	20.33		
5	256QAM	25	0	20.17	20.23	20.25		

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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				823.5	831.5	841.5		
15	QPSK	1	0	25.18	25.21	25.15		
15	QPSK	1	37	25.15	25.18	25.07	25.7	0
15	QPSK	1	74	25.12	25.13	25.07		
15	QPSK	36	0	23.81	23.87	23.79		
15	QPSK	36	20	23.77	23.80	23.75	24.7	1
15	QPSK	36	39	23.75	23.80	23.64		
15	QPSK	75	0	23.82	23.83	23.81		
15	16QAM	1	0	24.09	24.18	24.22		
15	16QAM	1	37	24.06	24.23	24.28	24.7	1
15	16QAM	1	74	24.11	24.19	24.32		
15	16QAM	36	0	22.74	22.81	22.79		
15	16QAM	36	20	22.78	22.82	22.77	23.7	2
15	16QAM	36	39	22.77	22.90	22.72		
15	16QAM	75	0	22.78	22.84	22.81		
15	64QAM	1	0	22.77	23.08	23.10		
15	64QAM	1	37	22.90	23.12	22.99	23.7	2
15	64QAM	1	74	22.77	23.09	22.99		
15	64QAM	36	0	21.80	21.78	21.75		
15	64QAM	36	20	21.84	21.78	21.83	22.7	3
15	64QAM	36	39	21.78	21.77	21.76		
15	64QAM	75	0	21.72	21.75	21.80		
15	256QAM	1	0	19.97	19.89	19.98		
15	256QAM	1	37	19.91	19.95	19.86	20.7	5
15	256QAM	1	74	19.96	19.88	19.98		
15	256QAM	36	0	19.86	19.87	19.78		
15	256QAM	36	20	19.82	19.83	19.86	20.7	5
15	256QAM	36	39	19.82	19.88	19.78		
15	256QAM	75	0	19.82	19.83	19.79		
Channel				26740	26815	26890	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.71	24.84	24.69		
10	QPSK	1	25	24.78	24.82	24.71	25.7	0
10	QPSK	1	49	24.84	24.81	24.78		
10	QPSK	25	0	23.82	23.78	23.89		
10	QPSK	25	12	23.78	23.83	23.80	24.7	1
10	QPSK	25	25	23.82	23.80	23.82		
10	QPSK	50	0	23.81	23.86	23.93		
10	16QAM	1	0	24.28	23.81	23.57		
10	16QAM	1	25	24.26	23.87	23.56	24.7	1
10	16QAM	1	49	23.85	23.90	23.60		
10	16QAM	25	0	22.72	22.91	22.89		
10	16QAM	25	12	22.75	22.90	22.82	23.7	2
10	16QAM	25	25	22.76	22.85	22.77		
10	16QAM	50	0	22.81	22.86	22.83		
10	64QAM	1	0	22.97	22.96	23.06		
10	64QAM	1	25	23.08	23.05	23.03	23.7	2
10	64QAM	1	49	22.99	23.02	23.09		
10	64QAM	25	0	21.78	21.86	21.79		
10	64QAM	25	12	21.78	21.72	21.74	22.7	3
10	64QAM	25	25	21.86	21.72	21.71		
10	64QAM	50	0	21.77	21.81	21.85		
10	256QAM	1	0	19.62	19.57	19.43		
10	256QAM	1	25	19.41	19.61	19.40	20.7	5
10	256QAM	1	49	19.71	19.55	19.55		
10	256QAM	25	0	19.92	19.84	19.90		
10	256QAM	25	12	19.77	19.45	19.63	20.7	5
10	256QAM	25	25	19.41	19.52	19.81		
10	256QAM	50	0	19.57	19.46	19.71		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.76	24.77	24.78		
5	QPSK	1	12	24.84	24.75	24.84	25.7	0
5	QPSK	1	24	24.78	24.72	24.78		
5	QPSK	12	0	23.77	23.84	23.87		
5	QPSK	12	7	23.78	23.86	23.93	24.7	1
5	QPSK	12	13	23.76	23.76	23.83		
5	QPSK	25	0	23.83	23.82	23.90		
5	16QAM	1	0	23.77	23.84	24.17		
5	16QAM	1	12	23.81	23.87	24.23	24.7	1
5	16QAM	1	24	23.89	23.86	24.26		
5	16QAM	12	0	22.69	22.79	22.89		
5	16QAM	12	7	22.77	22.80	22.90	23.7	2
5	16QAM	12	13	22.72	22.70	22.81		
5	16QAM	25	0	22.74	22.69	22.90		
5	64QAM	1	0	23.06	23.04	23.11		
5	64QAM	1	12	22.83	23.09	23.08	23.7	2
5	64QAM	1	24	23.02	23.03	23.10		
5	64QAM	12	0	21.78	21.88	21.87		
5	64QAM	12	7	21.83	21.81	21.84	22.7	3
5	64QAM	12	13	21.79	21.77	21.82		
5	64QAM	25	0	21.74	21.71	21.92		
5	256QAM	1	0	19.40	19.63	19.48		
5	256QAM	1	12	19.66	19.47	19.83	20.7	5
5	256QAM	1	24	19.64	19.59	19.49		
5	256QAM	12	0	19.84	19.83	19.71		
5	256QAM	12	7	19.65	19.81	19.86	20.7	5
5	256QAM	12	13	19.82	19.78	19.56		
5	256QAM	25	0	19.62	19.52	19.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813.5	831.5	847.5		
3	QPSK	1	0	24.87	24.95	24.80		
3	QPSK	1	8	24.99	25.02	24.91	25.7	0
3	QPSK	1	14	24.95	24.99	24.94		
3	QPSK	8	0	23.82	23.81	23.78		
3	QPSK	8	4	23.76	23.74	23.83	24.7	1
3	QPSK	8	7	23.74	23.80	23.88		
3	QPSK	15	0	23.76	23.77	23.90		
3	16QAM	1	0	24.30	24.26	24.02		
3	16QAM	1	8	24.23	24.26	24.06	24.7	1
3	16QAM	1	14	24.26	23.94	24.06		
3	16QAM	8	0	22.83	22.78	22.88		
3	16QAM	8	4	22.76	22.74	22.92	23.7	2
3	16QAM	8	7	22.85	22.79	22.97		
3	16QAM	15	0	22.83	22.81	22.80		
3	64QAM	1	0	22.55	22.82	22.77		
3	64QAM	1	8	22.59	22.70	22.87	23.7	2
3	64QAM	1	14	22.57	22.69	22.79		
3	64QAM	8	0	21.78	21.82	21.70		
3	64QAM	8	4	21.83	21.61	21.72	22.7	3
3	64QAM	8	7	21.88	21.70	21.83		
3	64QAM	15	0	21.69	21.85	21.69		
3	256QAM	1	0	19.84	19.65	19.40		
3	256QAM	1	8	19.74	19.44	19.45	20.7	5
3	256QAM	1	14	19.73	19.46	19.58		
3	256QAM	8	0	19.68	19.79	19.52		
3	256QAM	8	4	19.48	19.70	19.95	20.7	5
3	256QAM	8	7	19.56	19.46	19.79		
3	256QAM	15	0	19.49	19.42	19.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.10	25.12	25.05		
1.4	QPSK	1	3	25.14	25.13	25.02		
1.4	QPSK	1	5	25.09	25.09	24.97	25.7	0
1.4	QPSK	3	0	24.77	24.85	24.78		
1.4	QPSK	3	1	24.85	24.76	24.72		
1.4	QPSK	3	3	24.77	24.70	24.79		
1.4	QPSK	6	0	23.90	23.88	23.90	24.7	1
1.4	16QAM	1	0	24.07	24.09	24.25		
1.4	16QAM	1	3	24.03	24.39	24.34		
1.4	16QAM	1	5	23.99	24.10	24.20	24.7	1
1.4	16QAM	3	0	23.88	23.78	23.78		
1.4	16QAM	3	1	23.82	23.85	23.83		
1.4	16QAM	3	3	23.91	23.79	23.82		
1.4	16QAM	6	0	22.88	22.99	22.99	23.7	2
1.4	64QAM	1	0	22.79	23.19	23.20		
1.4	64QAM	1	3	22.74	23.12	23.21		
1.4	64QAM	1	5	22.67	23.09	22.97	23.7	2
1.4	64QAM	3	0	22.51	23.02	23.02		
1.4	64QAM	3	1	22.65	23.08	23.00		
1.4	64QAM	3	3	22.52	23.01	22.97		
1.4	64QAM	6	0	21.71	21.76	21.86	22.7	3
1.4	256QAM	1	0	19.65	19.46	19.76		
1.4	256QAM	1	3	19.40	19.64	19.62		
1.4	256QAM	1	5	19.84	19.88	19.74	20.7	5
1.4	256QAM	3	0	19.66	19.64	19.64		
1.4	256QAM	3	1	19.49	19.53	19.76		
1.4	256QAM	3	3	19.95	19.54	19.79		
1.4	256QAM	6	0	19.72	19.52	19.90	20.7	5

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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				823.5	831.5	841.5		
15	QPSK	1	0	25.00	25.09	25.01		
15	QPSK	1	37	24.98	25.02	24.99	25.7	0
15	QPSK	1	74	24.93	25.00	24.94		
15	QPSK	36	0	24.00	24.03	23.98		
15	QPSK	36	20	23.96	23.93	23.95	24.7	1
15	QPSK	36	39	23.99	24.01	23.95		
15	QPSK	75	0	23.98	24.04	23.97		
15	16QAM	1	0	23.88	23.87	23.89		
15	16QAM	1	37	23.83	23.93	23.81	24.7	1
15	16QAM	1	74	23.94	23.85	23.90		
15	16QAM	36	0	22.66	22.64	22.74		
15	16QAM	36	20	22.69	22.66	22.66	23.7	2
15	16QAM	36	39	22.70	22.67	22.71		
15	16QAM	75	0	22.71	22.62	22.71		
15	64QAM	1	0	22.81	22.78	22.79		
15	64QAM	1	37	22.85	22.87	22.78	23.7	2
15	64QAM	1	74	22.84	22.72	22.77		
15	64QAM	36	0	21.70	21.62	21.75		
15	64QAM	36	20	21.67	21.70	21.65	22.7	3
15	64QAM	36	39	21.63	21.67	21.71		
15	64QAM	75	0	21.83	21.60	21.66		
15	256QAM	1	0	19.93	19.91	19.84		
15	256QAM	1	37	19.85	19.83	19.78	20.7	5
15	256QAM	1	74	19.96	19.85	19.98		
15	256QAM	36	0	19.79	19.77	19.84		
15	256QAM	36	20	19.82	19.81	19.76	20.7	5
15	256QAM	36	39	19.77	19.80	19.81		
15	256QAM	75	0	19.83	19.79	19.85		
Channel				26740	26815	26890	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.87	24.67	24.65		
10	QPSK	1	25	24.72	24.73	24.67	25.7	0
10	QPSK	1	49	24.73	24.72	24.64		
10	QPSK	25	0	23.68	23.65	23.78		
10	QPSK	25	12	23.70	23.68	23.69	24.7	1
10	QPSK	25	25	23.68	23.69	23.72		
10	QPSK	50	0	23.71	23.74	23.78		
10	16QAM	1	0	23.90	23.84	23.88		
10	16QAM	1	25	23.92	23.93	23.91	24.7	1
10	16QAM	1	49	23.89	23.87	23.95		
10	16QAM	25	0	22.70	22.66	22.80		
10	16QAM	25	12	22.69	22.66	22.65	23.7	2
10	16QAM	25	25	22.65	22.67	22.69		
10	16QAM	50	0	22.68	22.69	22.75		
10	64QAM	1	0	22.84	22.75	22.71		
10	64QAM	1	25	22.86	22.87	22.74	23.7	2
10	64QAM	1	49	22.87	22.77	22.73		
10	64QAM	25	0	21.66	21.67	21.76		
10	64QAM	25	12	21.68	21.66	21.63	22.7	3
10	64QAM	25	25	21.61	21.70	21.72		
10	64QAM	50	0	21.65	21.71	21.75		
10	256QAM	1	0	19.62	19.92	19.73		
10	256QAM	1	25	19.90	19.85	19.89	20.7	5
10	256QAM	1	49	19.67	19.78	19.76		
10	256QAM	25	0	19.90	19.89	19.83		
10	256QAM	25	12	19.70	19.80	19.76	20.7	5
10	256QAM	25	25	19.84	19.81	19.80		
10	256QAM	50	0	19.93	19.88	19.75		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.71	24.76	24.66		
5	QPSK	1	12	24.73	24.73	24.69	25.7	0
5	QPSK	1	24	24.78	24.69	24.69		
5	QPSK	12	0	23.66	23.67	23.62		
5	QPSK	12	7	23.72	23.72	23.73	24.7	1
5	QPSK	12	13	23.68	23.68	23.67		
5	QPSK	25	0	23.70	23.69	23.71		
5	16QAM	1	0	23.97	23.94	23.86		
5	16QAM	1	12	23.90	23.91	23.97	24.7	1
5	16QAM	1	24	23.92	23.87	23.88		
5	16QAM	12	0	22.63	22.67	22.60		
5	16QAM	12	7	22.69	22.69	22.68	23.7	2
5	16QAM	12	13	22.64	22.64	22.64		
5	16QAM	25	0	22.66	22.68	22.70		
5	64QAM	1	0	22.79	22.88	22.81		
5	64QAM	1	12	22.82	22.90	22.79	23.7	2
5	64QAM	1	24	22.82	22.85	22.81		
5	64QAM	12	0	21.61	21.65	21.62		
5	64QAM	12	7	21.70	21.69	21.67	22.7	3
5	64QAM	12	13	21.66	21.65	21.67		
5	64QAM	25	0	21.65	21.67	21.67		
5	256QAM	1	0	19.75	19.91	19.84		
5	256QAM	1	12	19.68	19.67	19.68	20.7	5
5	256QAM	1	24	19.73	19.55	19.64		
5	256QAM	12	0	19.94	19.94	19.76		
5	256QAM	12	7	19.87	19.61	19.72	20.7	5
5	256QAM	12	13	19.67	19.85	19.95		
5	256QAM	25	0	19.86	19.71	19.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813.5	831.5	847.5		
3	QPSK	1	0	24.71	24.67	24.64		
3	QPSK	1	8	24.70	24.66	24.65	25.7	0
3	QPSK	1	14	24.74	24.66	24.63		
3	QPSK	8	0	23.73	23.70	23.68		
3	QPSK	8	4	23.64	23.66	23.64	24.7	1
3	QPSK	8	7	23.70	23.69	23.67		
3	QPSK	15	0	23.71	23.71	23.68		
3	16QAM	1	0	23.97	23.87	23.94		
3	16QAM	1	8	23.93	23.88	23.89	24.7	1
3	16QAM	1	14	23.92	23.87	23.81		
3	16QAM	8	0	22.80	22.77	22.76		
3	16QAM	8	4	22.77	22.70	22.73	23.7	2
3	16QAM	8	7	22.77	22.76	22.74		
3	16QAM	15	0	22.73	22.72	22.69		
3	64QAM	1	0	22.81	22.79	22.77		
3	64QAM	1	8	22.78	22.74	22.80	23.7	2
3	64QAM	1	14	22.77	22.74	22.75		
3	64QAM	8	0	21.72	21.73	21.67		
3	64QAM	8	4	21.71	21.65	21.65	22.7	3
3	64QAM	8	7	21.70	21.70	21.68		
3	64QAM	15	0	21.67	21.67	21.64		
3	256QAM	1	0	19.83	19.55	19.84		
3	256QAM	1	8	19.86	19.68	19.85	20.7	5
3	256QAM	1	14	19.71	19.65	19.72		
3	256QAM	8	0	19.78	19.69	19.76		
3	256QAM	8	4	19.66	19.63	19.70	20.7	5
3	256QAM	8	7	19.55	19.73	19.57		
3	256QAM	15	0	19.69	19.55	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.87	24.68	24.63		
1.4	QPSK	1	3	24.68	24.66	24.63		
1.4	QPSK	1	5	24.63	24.63	24.58	25.7	0
1.4	QPSK	3	0	24.73	24.69	24.65		
1.4	QPSK	3	1	24.72	24.70	24.68		
1.4	QPSK	3	3	24.76	24.66	24.67		
1.4	QPSK	6	0	23.72	23.68	23.66	24.7	1
1.4	16QAM	1	0	23.86	23.89	23.80		
1.4	16QAM	1	3	23.86	23.93	23.87		
1.4	16QAM	1	5	23.92	23.89	23.77	24.7	1
1.4	16QAM	3	0	23.70	23.69	23.66		
1.4	16QAM	3	1	23.75	23.67	23.67		
1.4	16QAM	3	3	23.71	23.62	23.65		
1.4	16QAM	6	0	22.78	22.76	22.72	23.7	2
1.4	64QAM	1	0	22.84	22.83	22.77		
1.4	64QAM	1	3	22.77	22.81	22.80		
1.4	64QAM	1	5	22.78	22.79	22.74	23.7	2
1.4	64QAM	3	0	22.82	22.82	22.75		
1.4	64QAM	3	1	22.80	22.80	22.77		
1.4	64QAM	3	3	22.83	22.77	22.73		
1.4	64QAM	6	0	21.89	21.82	21.81	22.7	3
1.4	256QAM	1	0	19.62	19.56	19.63		
1.4	256QAM	1	3	19.93	19.66	19.95		
1.4	256QAM	1	5	19.89	19.85	19.76	20.7	5
1.4	256QAM	3	0	19.68	19.62	19.58		
1.4	256QAM	3	1	19.74	19.63	19.86		
1.4	256QAM	3	3	19.96	19.83	19.55		
1.4	256QAM	6	0	19.79	19.80	19.62	20.7	5

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.73	21.78	21.70		
20	QPSK	1	49	21.84	21.72	21.82	23	0
20	QPSK	1	99	22.09	21.80	21.71		
20	QPSK	50	0	21.88	21.76	21.72		
20	QPSK	50	24	21.79	21.74	21.75	23	0
20	QPSK	50	50	21.78	21.76	21.74		
20	QPSK	100	0	21.77	21.68	21.72		
20	16QAM	1	0	21.76	21.70	21.75		
20	16QAM	1	49	21.78	21.71	21.80	23	0
20	16QAM	1	99	21.86	21.72	21.75		
20	16QAM	50	0	20.76	20.79	20.80		
20	16QAM	50	24	20.75	20.73	20.79	22	1
20	16QAM	50	50	20.83	20.72	20.74		
20	16QAM	100	0	20.76	20.70	20.78		
20	64QAM	1	0	20.49	20.45	20.43		
20	64QAM	1	49	20.53	20.46	20.51	22	1
20	64QAM	1	99	20.57	20.55	20.43		
20	64QAM	50	0	19.71	19.75	19.72		
20	64QAM	50	24	19.79	19.74	19.76	21	2
20	64QAM	50	50	19.72	19.76	19.78		
20	64QAM	100	0	19.78	19.75	19.70		
20	256QAM	1	0	17.68	17.66	17.72		
20	256QAM	1	49	17.70	17.53	17.61	19	4
20	256QAM	1	99	17.66	17.62	17.56		
20	256QAM	50	0	17.58	17.58	17.68		
20	256QAM	50	24	17.37	17.39	17.27	19	4
20	256QAM	50	50	17.48	17.40	17.34		
20	256QAM	100	0	17.41	17.38	17.30		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.70	21.77	21.65		
15	QPSK	1	37	21.79	21.69	21.75	23	0
15	QPSK	1	74	22.08	21.69	21.67		
15	QPSK	36	0	21.84	21.70	21.69		
15	QPSK	36	20	21.74	21.64	21.73	23	0
15	QPSK	36	39	21.78	21.68	21.71		
15	QPSK	75	0	21.70	21.67	21.63		
15	16QAM	1	0	21.72	21.63	21.72		
15	16QAM	1	37	21.68	21.65	21.70	23	0
15	16QAM	1	74	21.85	21.66	21.69		
15	16QAM	36	0	20.69	20.74	20.79		
15	16QAM	36	20	20.70	20.63	20.75	22	1
15	16QAM	36	39	20.75	20.70	20.68		
15	16QAM	75	0	20.66	20.60	20.72		
15	64QAM	1	0	20.38	20.41	20.37		
15	64QAM	1	37	20.51	20.44	20.42	22	1
15	64QAM	1	74	20.51	20.52	20.43		
15	64QAM	36	0	19.69	19.68	19.66		
15	64QAM	36	20	19.73	19.64	19.75	21	2
15	64QAM	36	39	19.62	19.69	19.73		
15	64QAM	75	0	19.71	19.70	19.68		
15	256QAM	1	0	17.70	17.65	17.70		
15	256QAM	1	37	17.68	17.46	17.59	19	4
15	256QAM	1	74	17.61	17.51	17.47		
15	256QAM	36	0	17.58	17.45	17.59		
15	256QAM	36	20	17.32	17.34	17.26	19	4
15	256QAM	36	39	17.45	17.33	17.26		
15	256QAM	75	0	17.41	17.27	17.23		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.69	21.76	21.70		
10	QPSK	1	25	21.75	21.66	21.76	23	0
10	QPSK	1	49	22.01	21.75	21.60		
10	QPSK	25	0	21.83	21.74	21.63		
10	QPSK	25	12	21.77	21.66	21.66	23	0
10	QPSK	25	25	21.77	21.72	21.65		
10	QPSK	50	0	21.72	21.62	21.69		
10	16QAM	1	0	21.67	21.60	21.66		
10	16QAM	1	25	21.73	21.68	21.75	23	0
10	16QAM	1	49	21.86	21.68	21.73		
10	16QAM	25	0	20.75	20.76	20.80		
10	16QAM	25	12	20.67	20.62	20.69	22	1
10	16QAM	25	25	20.74	20.68	20.72		
10	16QAM	50	0	20.66	20.70	20.68		
10	64QAM	1	0	20.42	20.38	20.33		
10	64QAM	1	25	20.53	20.40	20.40	22	1
10	64QAM	1	49	20.46	20.53	20.37		
10	64QAM	25	0	19.60	19.74	19.65		
10	64QAM	25	12	19.69	19.70	19.76	21	2
10	64QAM	25	25	19.69	19.66	19.75		
10	64QAM	50	0	19.73	19.66	19.67		
10	256QAM	1	0	17.52	17.61	17.68		
10	256QAM	1	25	17.68	17.47	17.50	19	4
10	256QAM	1	49	17.60	17.54	17.54		
10	256QAM	25	0	17.50	17.45	17.65		
10	256QAM	25	12	17.35	17.34	17.26	19	4
10	256QAM	25	25	17.44	17.33	17.27		
10	256QAM	50	0	17.38	17.27	17.26		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.69	21.74	21.62		
5	QPSK	1	12	21.82	21.65	21.72	23	0
5	QPSK	1	24	22.06	21.73	21.70		
5	QPSK	12	0	21.88	21.76	21.67		
5	QPSK	12	7	21.73	21.74	21.71	23	0
5	QPSK	12	13	21.76	21.68	21.65		
5	QPSK	25	0	21.69	21.62	21.70		
5	16QAM	1	0	21.66	21.67	21.74		
5	16QAM	1	12	21.69	21.68	21.72	23	0
5	16QAM	1	24	21.94	21.72	21.67		
5	16QAM	12	0	20.68	20.76	20.75		
5	16QAM	12	7	20.74	20.64	20.74	22	1
5	16QAM	12	13	20.76	20.62	20.63		
5	16QAM	25	0	20.66	20.68	20.68		
5	64QAM	1	0	20.48	20.44	20.35		
5	64QAM	1	12	20.50	20.44	20.45	22	1
5	64QAM	1	24	20.56	20.45	20.36		
5	64QAM	12	0	19.70	19.74	19.70		
5	64QAM	12	7	19.72	19.68	19.75	21	2
5	64QAM	12	13	19.69	19.76	19.78		
5	64QAM	25	0	19.74	19.64	19.63		
5	256QAM	1	0	17.47	17.60	17.68		
5	256QAM	1	12	17.68	17.52	17.59	19	4
5	256QAM	1	24	17.65	17.54	17.55		
5	256QAM	12	0	17.49	17.45	17.67		
5	256QAM	12	7	17.37	17.37	17.24	19	4
5	256QAM	12	13	17.39	17.37	17.34		
5	256QAM	25	0	17.41	17.38	17.28		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.21	21.20		
20	QPSK	1	49	21.36	21.22	21.29	22	0
20	QPSK	1	99	21.47	21.36	21.35		
20	QPSK	50	0	21.42	21.19	21.21		
20	QPSK	50	24	21.40	21.28	21.30	22	0
20	QPSK	50	50	21.40	21.37	21.31		
20	QPSK	100	0	21.38	21.27	21.27		
20	16QAM	1	0	21.31	21.31	21.22		
20	16QAM	1	49	21.41	21.30	21.38	22	0
20	16QAM	1	99	21.45	21.43	21.41		
20	16QAM	50	0	21.35	21.22	21.21		
20	16QAM	50	24	21.41	21.25	21.26	22	0
20	16QAM	50	50	21.40	21.37	21.29		
20	16QAM	100	0	21.39	21.22	21.24		
20	64QAM	1	0	21.02	20.91	20.96		
20	64QAM	1	49	21.14	21.03	21.00	22	0
20	64QAM	1	99	21.17	21.12	21.08		
20	64QAM	50	0	21.35	21.24	21.24		
20	64QAM	50	24	21.37	21.31	21.25	22	0
20	64QAM	50	50	21.40	21.32	21.27		
20	64QAM	100	0	21.39	21.28	21.26		
20	256QAM	1	0	19.35	19.36	19.36		
20	256QAM	1	49	19.52	19.35	19.30	20.5	1.5
20	256QAM	1	99	19.58	19.49	19.50		
20	256QAM	50	0	19.74	19.66	19.65		
20	256QAM	50	24	19.71	19.61	19.66	20.5	1.5
20	256QAM	50	50	19.71	19.69	19.64		
20	256QAM	100	0	19.84	19.70	19.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.16	21.11	21.11		
15	QPSK	1	37	21.28	21.18	21.19	22	0
15	QPSK	1	74	21.44	21.27	21.26		
15	QPSK	36	0	21.32	21.11	21.16		
15	QPSK	36	20	21.38	21.25	21.26	22	0
15	QPSK	36	39	21.33	21.34	21.31		
15	QPSK	75	0	21.27	21.27	21.17		
15	16QAM	1	0	21.24	21.24	21.16		
15	16QAM	1	37	21.38	21.29	21.32	22	0
15	16QAM	1	74	21.35	21.38	21.33		
15	16QAM	36	0	21.26	21.13	21.11		
15	16QAM	36	20	21.40	21.17	21.16	22	0
15	16QAM	36	39	21.36	21.37	21.23		
15	16QAM	75	0	21.31	21.21	21.13		
15	64QAM	1	0	21.02	20.80	20.89		
15	64QAM	1	37	21.13	21.00	20.99	22	0
15	64QAM	1	74	21.09	21.03	21.01		
15	64QAM	36	0	21.26	21.20	21.16		
15	64QAM	36	20	21.33	21.21	21.24	22	0
15	64QAM	36	39	21.30	21.29	21.27		
15	64QAM	75	0	21.31	21.19	21.18		
15	256QAM	1	0	19.24	19.25	19.25		
15	256QAM	1	37	19.50	19.24	19.28	20.5	1.5
15	256QAM	1	74	19.56	19.47	19.45		
15	256QAM	36	0	19.65	19.65	19.55		
15	256QAM	36	20	19.71	19.56	19.65	20.5	1.5
15	256QAM	36	39	19.62	19.61	19.57		
15	256QAM	75	0	19.75	19.61	19.61		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.15	21.17	21.10		
10	QPSK	1	25	21.34	21.17	21.24	22	0
10	QPSK	1	49	21.45	21.29	21.30		
10	QPSK	25	0	21.34	21.10	21.13		
10	QPSK	25	12	21.37	21.26	21.28	22	0
10	QPSK	25	25	21.32	21.36	21.26		
10	QPSK	50	0	21.37	21.23	21.23		
10	16QAM	1	0	21.22	21.25	21.21		
10	16QAM	1	25	21.36	21.27	21.31	22	0
10	16QAM	1	49	21.44	21.42	21.40		
10	16QAM	25	0	21.27	21.16	21.16		
10	16QAM	25	12	21.31	21.16	21.24	22	0
10	16QAM	25	25	21.35	21.27	21.21		
10	16QAM	50	0	21.32	21.12	21.22		
10	64QAM	1	0	20.98	20.81	20.94		
10	64QAM	1	25	21.14	20.98	20.93	22	0
10	64QAM	1	49	21.17	21.01	21.00		
10	64QAM	25	0	21.24	21.20	21.14		
10	64QAM	25	12	21.32	21.21	21.22	22	0
10	64QAM	25	25	21.32	21.31	21.26		
10	64QAM	50	0	21.33	21.28	21.17		
10	256QAM	1	0	19.29	19.30	19.36		
10	256QAM	1	25	19.48	19.35	19.28	20.5	1.5
10	256QAM	1	49	19.55	19.47	19.41		
10	256QAM	25	0	19.74	19.58	19.62		
10	256QAM	25	12	19.61	19.58	19.63	20.5	1.5
10	256QAM	25	25	19.70	19.64	19.58		
10	256QAM	50	0	19.75	19.63	19.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.19	21.11	21.20		
5	QPSK	1	12	21.31	21.17	21.27	22	0
5	QPSK	1	24	21.43	21.32	21.25		
5	QPSK	12	0	21.35	21.15	21.19		
5	QPSK	12	7	21.39	21.25	21.29	22	0
5	QPSK	12	13	21.31	21.31	21.31		
5	QPSK	25	0	21.36	21.27	21.18		
5	16QAM	1	0	21.20	21.22	21.14		
5	16QAM	1	12	21.32	21.23	21.32	22	0
5	16QAM	1	24	21.41	21.40	21.34		
5	16QAM	12	0	21.33	21.20	21.14		
5	16QAM	12	7	21.30	21.19	21.15	22	0
5	16QAM	12	13	21.35	21.37	21.18		
5	16QAM	25	0	21.28	21.11	21.21		
5	64QAM	1	0	20.99	20.83	20.92		
5	64QAM	1	12	21.06	21.01	20.91	22	0
5	64QAM	1	24	21.09	21.10	21.07		
5	64QAM	12	0	21.31	21.17	21.24		
5	64QAM	12	7	21.28	21.30	21.18	22	0
5	64QAM	12	13	21.34	21.27	21.26		
5	64QAM	25	0	21.30	21.27	21.24		
5	256QAM	1	0	19.29	19.26	19.29		
5	256QAM	1	12	19.43	19.30	19.25	20.5	1.5
5	256QAM	1	24	19.56	19.40	19.42		
5	256QAM	12	0	19.83	19.56	19.57		
5	256QAM	12	7	19.68	19.60	19.65	20.5	1.5
5	256QAM	12	13	19.67	19.68	19.57		
5	256QAM	25	0	19.75	19.66	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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.62	21.61	21.69		
20	QPSK	1	49	21.65	21.77	21.67	22.2	0
20	QPSK	1	99	21.91	21.83	21.71		
20	QPSK	50	0	21.86	21.70	21.78		
20	QPSK	50	24	21.73	21.61	21.73	22.2	0
20	QPSK	50	50	21.71	21.68	21.72		
20	QPSK	100	0	21.65	21.71	21.72		
20	16QAM	1	0	21.72	21.76	21.70		
20	16QAM	1	49	21.80	21.75	21.84	22.2	0
20	16QAM	1	99	21.81	21.80	21.89		
20	16QAM	50	0	21.63	21.69	21.82		
20	16QAM	50	24	21.73	21.68	21.87	22.2	0
20	16QAM	50	50	21.80	21.78	21.81		
20	16QAM	100	0	21.69	21.72	21.87		
20	64QAM	1	0	21.39	21.36	21.44		
20	64QAM	1	49	21.41	21.52	21.61	22.2	0
20	64QAM	1	99	21.51	21.51	21.60		
20	64QAM	50	0	21.64	21.67	21.80		
20	64QAM	50	24	21.76	21.73	21.82	22.2	0
20	64QAM	50	50	21.77	21.76	21.81		
20	64QAM	100	0	21.79	21.76	21.85		
20	256QAM	1	0	20.12	20.03	20.00		
20	256QAM	1	49	20.00	19.93	20.01	20.7	1.5
20	256QAM	1	99	19.91	19.91	19.98		
20	256QAM	50	0	20.26	20.17	20.23		
20	256QAM	50	24	20.25	20.16	20.28	20.7	1.5
20	256QAM	50	50	20.17	20.14	20.18		
20	256QAM	100	0	20.15	20.11	20.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.52	21.51	21.62		
15	QPSK	1	37	21.55	21.75	21.73	22.2	0
15	QPSK	1	74	21.82	21.76	21.66		
15	QPSK	36	0	21.79	21.69	21.69		
15	QPSK	36	20	21.62	21.63	21.73	22.2	0
15	QPSK	36	39	21.61	21.72	21.81		
15	QPSK	75	0	21.82	21.69	21.67		
15	16QAM	1	0	21.69	21.66	21.62		
15	16QAM	1	37	21.74	21.65	21.73	22.2	0
15	16QAM	1	74	21.79	21.78	21.83		
15	16QAM	36	0	21.60	21.63	21.73		
15	16QAM	36	20	21.63	21.61	21.80	22.2	0
15	16QAM	36	39	21.70	21.76	21.79		
15	16QAM	75	0	21.60	21.70	21.87		
15	64QAM	1	0	21.33	21.31	21.42		
15	64QAM	1	37	21.40	21.48	21.51	22.2	0
15	64QAM	1	74	21.40	21.48	21.49		
15	64QAM	36	0	21.62	21.58	21.77		
15	64QAM	36	20	21.65	21.64	21.82	22.2	0
15	64QAM	36	39	21.74	21.71	21.78		
15	64QAM	75	0	21.72	21.73	21.76		
15	256QAM	1	0	20.03	19.99	19.98		
15	256QAM	1	37	19.96	19.84	20.01	20.7	1.5
15	256QAM	1	74	19.84	19.87	19.97		
15	256QAM	36	0	20.20	20.12	20.12		
15	256QAM	36	20	20.16	20.16	20.25	20.7	1.5
15	256QAM	36	39	20.15	20.03	20.08		
15	256QAM	75	0	20.13	20.09	20.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.62	21.51	21.68		
10	QPSK	1	25	21.63	21.73	21.69	22.2	0
10	QPSK	1	49	21.87	21.82	21.69		
10	QPSK	25	0	21.81	21.68	21.75		
10	QPSK	25	12	21.64	21.63	21.75	22.2	0
10	QPSK	25	25	21.71	21.77	21.82		
10	QPSK	50	0	21.78	21.63	21.64		
10	16QAM	1	0	21.61	21.75	21.68		
10	16QAM	1	25	21.74	21.72	21.76	22.2	0
10	16QAM	1	49	21.77	21.74	21.87		
10	16QAM	25	0	21.55	21.68	21.82		
10	16QAM	25	12	21.73	21.58	21.80	22.2	0
10	16QAM	25	25	21.79	21.72	21.77		
10	16QAM	50	0	21.65	21.65	21.83		
10	64QAM	1	0	21.28	21.28	21.34		
10	64QAM	1	25	21.39	21.46	21.58	22.2	0
10	64QAM	1	49	21.49	21.40	21.49		
10	64QAM	25	0	21.57	21.58	21.75		
10	64QAM	25	12	21.74	21.68	21.72	22.2	0
10	64QAM	25	25	21.68	21.72	21.72		
10	64QAM	50	0	21.73	21.74	21.80		
10	256QAM	1	0	20.10	20.02	19.94		
10	256QAM	1	25	19.98	19.88	19.92	20.7	1.5
10	256QAM	1	49	19.91	19.85	19.90		
10	256QAM	25	0	20.15	20.17	20.12		
10	256QAM	25	12	20.16	20.11	20.24	20.7	1.5
10	256QAM	25	25	20.16	20.03	20.07		
10	256QAM	50	0	20.15	20.07	20.12		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.60	21.59	21.58		
5	QPSK	1	12	21.54	21.74	21.74	22.2	0
5	QPSK	1	24	21.86	21.83	21.69		
5	QPSK	12	0	21.75	21.64	21.69		
5	QPSK	12	7	21.68	21.68	21.83	22.2	0
5	QPSK	12	13	21.71	21.68	21.74		
5	QPSK	25	0	21.84	21.69	21.70		
5	16QAM	1	0	21.63	21.73	21.69		
5	16QAM	1	12	21.79	21.66	21.83	22.2	0
5	16QAM	1	24	21.77	21.78	21.88		
5	16QAM	12	0	21.58	21.59	21.75		
5	16QAM	12	7	21.67	21.64	21.84	22.2	0
5	16QAM	12	13	21.77	21.78	21.80		
5	16QAM	25	0	21.62	21.65	21.84		
5	64QAM	1	0	21.35	21.27	21.38		
5	64QAM	1	12	21.39	21.49	21.52	22.2	0
5	64QAM	1	24	21.47	21.41	21.49		
5	64QAM	12	0	21.60	21.61	21.76		
5	64QAM	12	7	21.73	21.65	21.71	22.2	0
5	64QAM	12	13	21.71	21.69	21.76		
5	64QAM	25	0	21.74	21.69	21.75		
5	256QAM	1	0	20.06	20.01	19.97		
5	256QAM	1	12	19.90	19.86	19.92	20.7	1.5
5	256QAM	1	24	19.88	19.90	19.87		
5	256QAM	12	0	20.24	20.14	20.16		
5	256QAM	12	7	20.20	20.05	20.21	20.7	1.5
5	256QAM	12	13	20.09	20.06	20.18		
5	256QAM	25	0	20.08	20.08	20.10		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	20.95	21.06	20.95	22.5	0
20	QPSK	1	49	21.10	21.04	21.02		
20	QPSK	1	99	21.19	21.09	21.11		
20	QPSK	50	0	21.10	21.03	21.03	22.5	0
20	QPSK	50	24	21.00	21.01	21.01		
20	QPSK	50	50	21.08	21.02	21.02		
20	QPSK	100	0	21.04	21.02	20.99		
20	16QAM	1	0	20.95	21.07	21.06	22.5	0
20	16QAM	1	49	21.04	21.06	21.08		
20	16QAM	1	99	21.17	21.12	21.15		
20	16QAM	50	0	20.97	21.03	21.08	22.5	0
20	16QAM	50	24	21.05	21.06	21.07		
20	16QAM	50	50	21.11	21.07	21.06		
20	16QAM	100	0	21.00	21.01	21.06		
20	64QAM	1	0	20.72	20.78	20.78	22.5	0
20	64QAM	1	49	20.80	20.82	20.81		
20	64QAM	1	99	20.90	20.80	20.82		
20	64QAM	50	0	20.54	20.56	20.58	22	0.5
20	64QAM	50	24	20.62	20.55	20.57		
20	64QAM	50	50	20.61	20.58	20.56		
20	64QAM	100	0	20.58	20.59	20.56		
20	256QAM	1	0	19.39	19.37	19.47	20	2.5
20	256QAM	1	49	19.47	19.36	19.52		
20	256QAM	1	99	19.49	19.46	19.40		
20	256QAM	50	0	19.44	19.32	19.38	20	2.5
20	256QAM	50	24	19.05	19.16	19.11		
20	256QAM	50	50	19.21	19.25	19.11		
20	256QAM	100	0	19.35	19.16	19.23		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.95	21.05	20.94	22.5	0
15	QPSK	1	37	21.07	20.96	20.94		
15	QPSK	1	74	21.11	21.09	21.06		
15	QPSK	36	0	21.09	20.98	21.01	22.5	0
15	QPSK	36	20	20.94	20.98	20.92		
15	QPSK	36	39	21.02	20.91	21.04		
15	QPSK	75	0	21.00	21.01	20.96		
15	16QAM	1	0	20.93	21.06	21.00	22.5	0
15	16QAM	1	37	20.93	21.02	21.07		
15	16QAM	1	74	21.08	21.03	21.07		
15	16QAM	36	0	20.95	20.99	21.08	22.5	0
15	16QAM	36	20	21.03	21.00	21.02		
15	16QAM	36	39	21.00	21.05	21.00		
15	16QAM	75	0	20.99	20.92	20.96		
15	64QAM	1	0	20.68	20.68	20.75	22.5	0
15	64QAM	1	37	20.72	20.82	20.77		
15	64QAM	1	74	20.85	20.73	20.76		
15	64QAM	36	0	20.44	20.50	20.50	22	0.5
15	64QAM	36	20	20.52	20.60	20.49		
15	64QAM	36	39	20.58	20.53	20.50		
15	64QAM	75	0	20.48	20.56	20.47		
15	256QAM	1	0	19.35	19.27	19.37	20	2.5
15	256QAM	1	37	19.43	19.26	19.49		
15	256QAM	1	74	19.47	19.43	19.29		
15	256QAM	36	0	19.35	19.27	19.27	20	2.5
15	256QAM	36	20	19.04	19.09	19.00		
15	256QAM	36	39	19.17	19.23	19.02		
15	256QAM	75	0	19.26	19.15	19.18		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.87	21.00	20.92	22.5	0
10	QPSK	1	25	21.06	20.95	20.96		
10	QPSK	1	49	21.05	21.06	21.06		
10	QPSK	25	0	21.10	20.92	20.92	22.5	0
10	QPSK	25	12	20.91	21.01	20.96		
10	QPSK	25	25	21.04	20.93	21.04		
10	QPSK	50	0	21.00	20.99	20.95		
10	16QAM	1	0	20.87	21.03	20.99	22.5	0
10	16QAM	1	25	20.99	21.00	21.02		
10	16QAM	1	49	21.16	21.06	21.13		
10	16QAM	25	0	20.93	20.97	21.08	22.5	0
10	16QAM	25	12	20.95	20.95	21.04		
10	16QAM	25	25	21.08	21.03	21.02		
10	16QAM	50	0	20.96	20.91	21.01		
10	64QAM	1	0	20.63	20.70	20.69	22.5	0
10	64QAM	1	25	20.74	20.82	20.73		
10	64QAM	1	49	20.85	20.75	20.78		
10	64QAM	25	0	20.49	20.45	20.58	22	0.5
10	64QAM	25	12	20.55	20.44	20.53		
10	64QAM	25	25	20.58	20.51	20.50		
10	64QAM	50	0	20.48	20.58	20.49		
10	256QAM	1	0	19.36	19.27	19.44	20	2.5
10	256QAM	1	25	19.37	19.34	19.45		
10	256QAM	1	49	19.47	19.36	19.32		
10	256QAM	25	0	19.39	19.28	19.34	20	2.5
10	256QAM	25	12	19.34	19.16	19.06		
10	256QAM	25	25	19.20	19.19	19.04		
10	256QAM	50	0	19.32	19.11	19.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.94	21.03	20.95	22.5	0
5	QPSK	1	12	20.99	21.02	20.99		
5	QPSK	1	24	21.06	21.05	21.05		
5	QPSK	12	0	21.03	20.94	21.02	22.5	0
5	QPSK	12	7	20.93	20.98	20.95		
5	QPSK	12	13	20.99	20.92	21.01		
5	QPSK	25	0	20.97	20.91	20.91		
5	16QAM	1	0	20.86	21.01	20.98	22.5	0
5	16QAM	1	12	21.04	20.97	21.00		
5	16QAM	1	24	21.16	21.09	21.10		
5	16QAM	12	0	20.92	21.01	21.08	22.5	0
5	16QAM	12	7	21.05	20.98	21.05		
5	16QAM	12	13	21.09	21.07	21.05		
5	16QAM	25	0	20.95	20.94	20.96		
5	64QAM	1	0	20.62	20.76	20.68	22.5	0
5	64QAM	1	12	20.80	20.71	20.80		
5	64QAM	1	24	20.84	20.71	20.73		
5	64QAM	12	0	20.44	20.51	20.50	22	0.5
5	64QAM	12	7	20.54	20.52	20.47		
5	64QAM	12	13	20.52	20.58	20.54		
5	64QAM	25	0	20.54	20.48	20.50		
5	256QAM	1	0	19.36	19.31	19.39	20	2.5
5	256QAM	1	12	19.41	19.31	19.46		
5	256QAM	1	24	19.41	19.36	19.39		
5	256QAM	12	0	19.41	19.21	19.28	20	2.5
5	256QAM	12	7	19.04	19.14	19.04		
5	256QAM	12	13	19.21	19.15	19.07		
5	256QAM	25	0	19.26	19.10	19.16		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.73	21.95	21.70	21.60	21.36	22.5	0
20	QPSK	1	49	21.74	21.81	21.72	21.65	21.29		
20	QPSK	1	99	21.79	21.98	21.73	21.76	21.41		
20	QPSK	50	0	21.73	21.96	21.77	21.74	21.39	22.5	0
20	QPSK	50	24	21.70	21.85	21.76	21.66	21.33		
20	QPSK	50	50	21.71	21.88	21.72	21.68	21.37		
20	QPSK	100	0	21.71	21.92	21.76	21.61	21.38		
20	16QAM	1	0	21.86	21.88	21.78	21.75	21.35	22.5	0
20	16QAM	1	49	21.89	21.90	21.81	21.72	21.36		
20	16QAM	1	99	21.88	21.86	21.82	21.63	21.29		
20	16QAM	50	0	20.25	20.36	20.31	20.14	19.88	22.5	0
20	16QAM	50	24	20.31	20.37	20.27	20.14	19.85		
20	16QAM	50	50	20.34	20.40	20.32	20.16	19.85		
20	16QAM	100	0	20.24	20.41	20.29	20.13	19.75		
20	64QAM	1	0	19.99	20.19	19.99	19.88	19.52	22.5	0
20	64QAM	1	49	20.03	20.15	20.00	19.87	19.52		
20	64QAM	1	99	20.04	20.06	19.98	19.85	19.47		
20	64QAM	50	0	19.73	19.85	19.75	19.60	19.35	21	1.5
20	64QAM	50	24	19.81	19.87	19.78	19.62	19.33		
20	64QAM	50	50	19.85	19.87	19.67	19.65	19.31		
20	64QAM	100	0	19.76	19.92	19.76	19.68	19.31		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90		
20	256QAM	1	99	17.84	17.70	17.60	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71	19	3.5
20	256QAM	50	24	17.85	17.75	17.93	17.63	17.86		
20	256QAM	50	50	17.71	17.84	17.67	17.65	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.65	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.67	21.86	21.61	21.52	21.32	22.50	0
15	QPSK	1	37	21.71	21.72	21.68	21.59	21.21		
15	QPSK	1	74	21.69	21.97	21.70	21.47	21.18		
15	QPSK	36	0	21.68	21.96	21.71	21.57	21.33	22.5	0
15	QPSK	36	20	21.77	21.85	21.68	21.65	21.26		
15	QPSK	36	39	21.79	21.86	21.74	21.67	21.26		
15	QPSK	75	0	21.69	21.88	21.67	21.56	21.35		
15	16QAM	1	0	21.80	21.80	21.67	21.74	21.25	22.5	0
15	16QAM	1	37	21.83	21.79	21.70	21.72	21.32		
15	16QAM	1	74	21.83	21.86	21.78	21.60	21.27		
15	16QAM	36	0	20.18	20.25	20.27	20.13	19.86	22.5	0
15	16QAM	36	20	20.31	20.36	20.21	20.05	19.84		
15	16QAM	36	39	20.24	20.33	20.32	20.15	19.79		
15	16QAM	75	0	20.15	20.37	20.21	20.04	19.67		
15	64QAM	1	0	19.88	20.15	19.99	19.81	19.45	22.5	0
15	64QAM	1	37	19.97	20.06	19.97	19.86	19.42		
15	64QAM	1	74	19.93	20.01	19.96	19.75	19.38		
15	64QAM	36	0	19.64	19.80	19.72	19.54	19.32	21	1.5
15	64QAM	36	20	19.70	19.84	19.78	19.58	19.24		
15	64QAM	36	39	19.80	19.77	19.60	19.56	19.20		
15	64QAM	75	0	19.69	19.91	19.69	19.59	19.27		
15	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
15	256QAM	1	37	17.80	17.58	17.90	17.95	17.90		
15	256QAM	1	74	17.84	17.70	17.60	17.59	17.62		
15	256QAM	36	0	17.63	17.83	17.58	17.90	17.71	19	3.5
15	256QAM	36	20	17.85	17.75	17.93	17.63	17.86		
15	256QAM	36	39	17.71	17.84	17.67	17.65	17.68		
15	256QAM	75	0	17.92	17.71	17.62	17.65	17.74		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.63	21.93	21.60	21.60	21.35	22.50	0
10	QPSK	1	25	21.71	21.79	21.63	21.61	21.19		
10	QPSK	1	49	21.73	21.95	21.62	21.47	21.26		
10	QPSK	25	0	21.71	21.90	21.72	21.55	21.32	22.5	0
10	QPSK	25	12	21.75	21.77	21.73	21.58	21.28		
10	QPSK	25	25	21.73	21.83	21.69	21.68	21.32		
10	QPSK	50	0	21.66	21.84	21.65	21.58	21.30		
10	16QAM	1	0	21.75	21.84	21.77	21.69	21.29	22.5	0
10	16QAM	1	25	21.81	21.86	21.77	21.71	21.35		
10	16QAM	1	49	21.86	21.75	21.79	21.62	21.19		
10	16QAM	25	0	20.14	20.25	20.24	20.06	19.84	22.5	0
10	16QAM	25	12	20.27	20.30	20.23	20.14	19.74		
10	16QAM	25	25	20.32	20.34	20.26	20.07	19.75		
10	16QAM	50	0	20.22	20.31	20.20	20.07	19.86		
10	64QAM	1	0	19.94	20.15	19.90	19.84	19.49	22.5	0
10	64QAM	1	25	20.00	20.15	19.95	19.76	19.41		
10	64QAM	1	49	19.94	20.05	19.90	19.77	19.40		
10	64QAM	25	0	19.63	19.83	19.64	19.52	19.32	21	1.5
10	64QAM	25	12	19.79	19.85	19.76	19.57	19.29		
10	64QAM	25	25	19.79	19.81	19.67	19.62	19.23		
10	64QAM	50	0	19.71	19.92	19.73	19.62	19.26		
10	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
10	256QAM	1	25	17.80	17.58	17.90	17.95	17.90		
10	256QAM	1	49	17.84	17.70	17.60	17.59	17.62		
10	256QAM	25	0	17.63	17.83	17.58	17.90	17.71	19	3.5
10	256QAM	25	12	17.85	17.75	17.93	17.63	17.86		
10	256QAM	25	25	17.71	17.84	17.67	17.65	17.68		
10	256QAM	50	0	17.92	17.71	17.62	17.65	17.74		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.64	21.94	21.64	21.49	21.28	22.50	0
5	QPSK	1	12	21.63	21.78	21.72	21.63	21.27		
5	QPSK	1	24	21.76	21.89	21.64	21.49	21.25		
5	QPSK	12	0	21.71	21.96	21.75	21.54	21.37	22.5	0
5	QPSK	12	7	21.78	21.76	21.74	21.60	21.25		
5	QPSK	12	13	21.80	21.84	21.78	21.61	21.31		
5	QPSK	25	0	21.66	21.84	21.76	21.53	21.35		
5	16QAM	1	0	21.80	21.83	21.71	21.69	21.24	22.5	0
5	16QAM	1	12	21.87	21.80	21.73	21.61	21.30		
5	16QAM	1	24	21.79	21.85	21.77	21.61	21.25		
5	16QAM	12	0	20.17	20.26	20.20	20.11	19.77	22.5	0
5	16QAM	12	7	20.22	20.30	20.22	20.07	19.81		
5	16QAM	12	13	20.27	20.34	20.24	20.12	19.84		
5	16QAM	25	0	20.23	20.41	20.27	20.08	19.79		
5	64QAM	1	0	19.94	20.15	19.90	19.84	19.47	22.5	0
5	64QAM	1	12	20.01	20.06	19.90	19.79	19.42		
5	64QAM	1	24	19.97	19.95	19.95	19.77	19.39		
5	64QAM	12	0	19.70	19.84	19.67	19.58	19.30	21	1.5
5	64QAM	12	7	19.73	19.83	19.76	19.53	19.33		
5	64QAM	12	13	19.75	19.83	19.57	19.65	19.24		
5	64QAM	25	0	19.66	19.88	19.66	19.67	19.27		
5	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
5	256QAM	1	12	17.80	17.58	17.90	17.95	17.90		
5	256QAM	1	24	17.84	17.70	17.60	17.59	17.62		
5	256QAM	12	0	17.63	17.83	17.58	17.90	17.71	19	3.5
5	256QAM	12	7	17.85	17.75	17.93	17.63	17.86		
5	256QAM	12	13	17.71	17.84	17.67	17.65	17.68		
5	256QAM	25	0	17.92	17.71	17.62	17.65	17.74		

Band 41_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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.02	21.21	20.96	21.08	20.88	21.5	0
20	QPSK	1	49	21.01	21.29	21.03	21.22	20.98		
20	QPSK	1	99	21.13	21.46	21.21	21.25	21.18		
20	QPSK	50	0	21.08	21.36	21.19	21.21	21.15	21.5	0
20	QPSK	50	24	21.00	21.35	21.09	21.16	20.97		
20	QPSK	50	50	21.05	21.29	21.18	21.12	20.97		
20	QPSK	100	0	20.98	21.32	21.11	21.20	20.94		
20	16QAM	1	0	21.13	21.33	21.05	21.26	21.01	21.5	0
20	16QAM	1	49	21.08	21.43	21.19	21.27	21.09		
20	16QAM	1	99	21.06	21.43	21.21	21.34	21.04		
20	16QAM	50	0	20.97	21.35	21.05	21.22	20.94	21.5	0
20	16QAM	50	24	21.03	21.36	21.10	21.23	21.01		
20	16QAM	50	50	21.04	21.36	21.13	21.24	20.98		
20	16QAM	100	0	21.09	21.36	21.06	21.20	20.98		
20	64QAM	1	0	20.82	21.01	20.79	20.91	20.66	21.5	0
20	64QAM	1	49	20.78	21.06	20.83	20.96	20.72		
20	64QAM	1	99	20.70	21.12	20.88	20.99	20.75		
20	64QAM	50	0	20.96	21.33	21.03	21.23	20.93	21.5	0
20	64QAM	50	24	20.98	21.36	21.05	21.20	20.94		
20	64QAM	50	50	21.03	21.36	21.12	21.23	20.94		
20	64QAM	100	0	21.00	21.33	21.08	21.20	20.89		
20	256QAM	1	0	19.71	19.92	19.72	19.79	19.55	20.5	1
20	256QAM	1	49	19.62	19.91	19.75	19.81	19.53		
20	256QAM	1	99	19.64	19.94	19.69	19.86	19.65		
20	256QAM	50	0	19.90	20.20	19.86	20.14	19.83	20.5	1
20	256QAM	50	24	19.93	20.20	19.94	20.02	19.85		
20	256QAM	50	50	19.93	20.20	19.97	20.12	19.88		
20	256QAM	100	0	19.84	20.13	19.92	20.09	19.72		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.01	21.17	20.85	20.99	20.85	21.50	0
15	QPSK	1	37	20.91	21.28	21.02	21.16	20.92		
15	QPSK	1	74	20.89	21.33	21.05	21.21	20.95		
15	QPSK	36	0	20.94	21.28	21.03	21.11	20.86	21.5	0
15	QPSK	36	20	20.90	21.34	21.00	21.16	20.92		
15	QPSK	36	39	20.99	21.18	21.10	21.15	20.97		
15	QPSK	75	0	20.92	21.24	21.02	21.18	20.91		
15	16QAM	1	0	21.10	21.30	20.99	21.23	20.94	21.5	0
15	16QAM	1	37	21.04	21.41	21.09	21.19	21.09		
15	16QAM	1	74	20.97	21.42	21.19	21.27	20.99		
15	16QAM	36	0	20.90	21.30	20.95	21.20	20.87	21.5	0
15	16QAM	36	20	20.96	21.32	21.00	21.18	20.94		
15	16QAM	36	39	20.97	21.32	21.05	21.22	20.93		
15	16QAM	75	0	21.01	21.29	20.96	21.18	20.88		
15	64QAM	1	0	20.78	21.00	20.69	20.87	20.60	21.5	0
15	64QAM	1	37	20.77	20.97	20.76	20.93	20.64		
15	64QAM	1	74	20.69	21.12	20.88	20.99	20.72		
15	64QAM	36	0	20.88	21.26	20.96	21.22	20.88	21.5	0
15	64QAM	36	20	20.88	21.29	20.96	21.12	20.83		
15	64QAM	36	39	20.92	21.29	21.06	21.21	20.89		
15	64QAM	75	0	20.96	21.32	21.03	21.15	20.87		
15	256QAM	1	0	19.68	19.82	19.61	19.78	19.52	20.5	1
15	256QAM	1	37	19.58	19.82	19.64	19.73	19.46		
15	256QAM	1	74	19.54	19.87	19.64	19.80	19.64		
15	256QAM	36	0	19.82	20.20	19.80	20.14	19.74	20.5	1
15	256QAM	36	20	19.87	20.11	19.83	19.97	19.83		
15	256QAM	36	39	19.93	20.15	19.94	20.02	19.82		
15	256QAM	75	0	19.78	20.04	19.91	20.06	19.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.01	21.13	20.93	21.06	20.82	21.50	0
10	QPSK	1	25	20.91	21.27	20.97	21.13	20.95		
10	QPSK	1	49	20.87	21.31	21.06	21.18	20.96		
10	QPSK	25	0	20.92	21.26	21.00	21.11	20.84	21.5	0
10	QPSK	25	12	20.94	21.33	21.05	21.18	20.89		
10	QPSK	25	25	20.98	21.21	21.14	21.11	20.88		
10	QPSK	50	0	20.89	21.25	21.03	21.10	20.85		
10	16QAM	1	0	21.02	21.26	20.99	21.24	20.93	21.5	0
10	16QAM	1	25	21.04	21.41	21.12	21.19	21.05		
10	16QAM	1	49	20.98	21.33	21.21	21.32	20.93		
10	16QAM	25	0	20.92	21.35	21.01	21.18	20.88	21.5	0
10	16QAM	25	12	20.93	21.27	21.02	21.22	20.94		
10	16QAM	25	25	20.97	21.34	21.06	21.20	20.93		
10	16QAM	50	0	21.01	21.30	21.06	21.10	20.90		
10	64QAM	1	0	20.73	20.93	20.74	20.83

Band 41_Ant 3

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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.28	21.51	21.43	21.55	21.35	21.7	0
20	QPSK	1	49	21.27	21.60	21.49	21.61	21.40		
20	QPSK	1	99	21.29	21.69	21.52	21.63	21.44		
20	QPSK	50	0	21.22	21.67	21.50	21.65	21.45	21.7	0
20	QPSK	50	24	21.21	21.66	21.48	21.64	21.41		
20	QPSK	50	50	21.18	21.60	21.43	21.62	21.42		
20	QPSK	100	0	21.34	21.65	21.49	21.61	21.39		
20	16QAM	1	0	21.39	21.63	21.60	21.60	21.37	21.7	0
20	16QAM	1	49	21.45	21.64	21.60	21.62	21.50		
20	16QAM	1	99	21.38	21.61	21.59	21.61	21.57		
20	16QAM	50	0	21.26	21.68	21.48	21.58	21.45	21.7	0
20	16QAM	50	24	21.32	21.61	21.61	21.66	21.44		
20	16QAM	50	50	21.37	21.61	21.49	21.68	21.44		
20	16QAM	100	0	21.28	21.66	21.56	21.67	21.39		
20	64QAM	1	0	21.23	21.57	21.43	21.53	21.29	21.7	0
20	64QAM	1	49	21.23	21.57	21.51	21.55	21.37		
20	64QAM	1	99	21.26	21.63	21.55	21.59	21.41		
20	64QAM	50	0	21.17	21.61	21.47	21.66	21.45	21.7	0
20	64QAM	50	24	21.30	21.60	21.56	21.63	21.47		
20	64QAM	50	50	21.35	21.65	21.53	21.66	21.48		
20	64QAM	100	0	21.29	21.66	21.51	21.62	21.42		
20	256QAM	1	0	20.05	20.52	20.32	20.42	20.17	20.7	1
20	256QAM	1	49	20.16	20.42	20.44	20.38	20.28		
20	256QAM	1	99	20.06	20.55	20.46	20.42	20.32		
20	256QAM	50	0	19.98	20.63	20.30	20.59	20.33	20.7	1
20	256QAM	50	24	20.17	20.55	20.36	20.58	20.38		
20	256QAM	50	50	20.28	20.49	20.42	20.53	20.31		
20	256QAM	100	0	20.10	20.51	20.35	20.49	20.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.31	21.40	21.46	21.56	21.65	21.70	0
15	QPSK	1	37	21.25	21.41	21.51	21.58	21.64		
15	QPSK	1	74	21.31	21.44	21.53	21.59	21.66		
15	QPSK	36	0	21.25	21.35	21.46	21.56	21.65	21.7	0
15	QPSK	36	20	21.26	21.38	21.49	21.58	21.68		
15	QPSK	36	39	21.31	21.40	21.43	21.62	21.62		
15	QPSK	75	0	21.30	21.35	21.45	21.63	21.62		
15	16QAM	1	0	21.42	21.40	21.47	21.61	21.63	21.7	0
15	16QAM	1	37	21.41	21.50	21.55	21.65	21.60		
15	16QAM	1	74	21.35	21.48	21.57	21.64	21.68		
15	16QAM	36	0	21.26	21.37	21.44	21.57	21.59	21.7	0
15	16QAM	36	20	21.29	21.35	21.47	21.56	21.61		
15	16QAM	36	39	21.28	21.40	21.41	21.60	21.61		
15	16QAM	75	0	21.33	21.41	21.50	21.61	21.68		
15	64QAM	1	0	21.27	21.29	21.40	21.52	21.59	21.7	0
15	64QAM	1	37	21.20	21.28	21.46	21.53	21.55		
15	64QAM	1	74	21.27	21.39	21.49	21.56	21.60		
15	64QAM	36	0	21.19	21.36	21.42	21.56	21.68	21.7	0
15	64QAM	36	20	21.26	21.45	21.46	21.58	21.68		
15	64QAM	36	39	21.31	21.38	21.40	21.61	21.60		
15	64QAM	75	0	21.30	21.38	21.50	21.60	21.67		
15	256QAM	1	0	20.06	20.22	20.30	20.38	20.50	20.7	1
15	256QAM	1	37	20.12	20.31	20.46	20.40	20.37		
15	256QAM	1	74	20.06	20.35	20.46	20.51	20.56		
15	256QAM	36	0	20.07	20.26	20.36	20.59	20.65	20.7	1
15	256QAM	36	20	20.16	20.36	20.45	20.56	20.62		
15	256QAM	36	39	20.19	20.30	20.41	20.47	20.58		
15	256QAM	75	0	20.20	20.22	20.33	20.42	20.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.22	21.34	21.42	21.55	21.61	21.70	0
10	QPSK	1	25	21.22	21.39	21.44	21.58	21.63		
10	QPSK	1	49	21.24	21.38	21.49	21.57	21.64		
10	QPSK	25	0	21.19	21.34	21.43	21.61	21.64	21.7	0
10	QPSK	25	12	21.24	21.39	21.47	21.62	21.62		
10	QPSK	25	25	21.31	21.40	21.41	21.59	21.63		
10	QPSK	50	0	21.29	21.44	21.51	21.59	21.67		
10	16QAM	1	0	21.27	21.43	21.49	21.66	21.67	21.7	0
10	16QAM	1	25	21.38	21.49	21.48	21.64	21.67		
10	16QAM	1	49	21.29	21.52	21.56	21.64	21.61		
10	16QAM	25	0	21.23	21.38	21.57	21.62	21.68	21.7	0
10	16QAM	25	12	21.26	21.46	21.52	21.62	21.68		
10	16QAM	25	25	21.34	21.43	21.47	21.65	21.66		
10	16QAM	50	0	21.30	21.45	21.56	21.66	21.61		
10	64QAM	1	0	21.16	21.30	21.44	21.54	21.59	21.7	0
10	64QAM	1	25	21.21	21.38	21.45	21.59	21.61		
10	64QAM	1	49	21.19	21.33	21.48	21.51	21.58		
10	64QAM	25	0	21.27	21.42	21.53	21.67	21.60	21.7	0
10	64QAM	25	12	21.30	21.45	21.53	21.65	21.62		
10	64QAM	25	25	21.36	21.50	21.52	21.68	21.60		
10	64QAM	50	0	21.30	21.41	21.55	21.62	21.62		
10	256QAM	1	0	20.10	20.22	20.30	20.33	20.37	20.7	1
10	256QAM	1	25	20.04	20.30	20.31	20.43	20.41		
10	256QAM	1	49	20.16	20.28	20.38	20.49	20.47		
10	256QAM	25	0	19.99	20.28	20.30	20.48	20.57	20.7	1
10	256QAM	25	12	20.21	20.37	20.50	20.56	20.50		
10	256QAM	25	25	20.25	20.43	20.35	20.51	20.45		
10	256QAM	50	0	20.24	20.22	20.37	20.48	20.54		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.23	21.33	21.43	21.55	21.59	21.70	0
5	QPSK	1	12	21.24	21.42	21.46	21.53	21.59		
5	QPSK	1	24	21.24	21.40	21.46	21.56	21.63		
5	QPSK	12	0	21.27	21.43	21.46	21.60	21.67	21.7	0
5	QPSK	12	7	21.26	21.43	21.43	21.60	21.64		
5	QPSK	12	13	21.29	21.41	21.43	21.58	21.62		
5	QPSK	25	0	21.25	21.47	21.47	21.60	21.68		
5	16QAM	1	0	21.37	21.51	21.52	21.59	21.68	21.7	0
5	16QAM	1	12	21.40	21.51	21.53	21.60	21.61		
5	16QAM	1	24	21.36	21.54	21.52	21.66	21.67		
5	16QAM	12	0	21.25	21.33	21.44	21.53	21.63	21.7	0
5	16QAM	12	7	21.23	21.41	21.40	21.53	21.61		
5	16QAM	12	13	21.18	21.40	21.42	21.56	21.59		
5	16QAM	25	0	21.31	21.48	21.46	21.62	21.62		
5	64QAM	1	0	21.25	21.36	21.50	21.51	21.63	21.7	0
5	64QAM	1	12	21.20	21.35	21.44	21.50	21.58		
5	64QAM	1	24	21.17	21.35	21.50	21.51	21.63		
5	64QAM	12	0	21.28	21.41	21.47	21.55	21.67	21.7	0
5	64QAM	12	7	21.26	21.39	21.46	21.55	21.67		
5	64QAM	12	13	21.29	21.39	21.49	21.56	21.64		
5	64QAM	25	0	21.33	21.46	21.50	21.66	21.64		
5	256QAM	1	0	20.11	20.15	20.35	20.34	20.41	20.7	1
5	256QAM	1	12	20.13	20.18	20.38	20.35	20.50		
5	256QAM	1	24	20.13	20.31	20.43	20.40	20.58		
5	256QAM	12	0	19.99	20.37	20.29	20.49	20.64	20.7	1
5	256QAM	12	7	20.14	20.33	20.43	20.54	20.63		
5	256QAM	12	13	20.28	20.37	20.33	20.53	20.52		
5	256QAM	25	0	20.15	20.29	20.35	20.46	20.57		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.97	22.12	21.99	22.18	22.01	22.5	0
20	QPSK	1	49	21.85	22.13	21.93	21.95	21.65		
20	QPSK	1	99	21.99	22.40	22.00	22.20	22.04		
20	QPSK	50	0	21.98	22.36	21.97	21.98	21.96	22.5	0
20	QPSK	50	24	21.82	22.21	21.92	21.96	21.88		
20	QPSK	50	50	21.92	22.16	21.95	21.97	21.94		
20	QPSK	100	0	21.87	22.32	22.01	21.95	21.73		
20	16QAM	1	0	21.67	22.12	21.96	21.95	21.70	22.5	0
20	16QAM	1	49	21.86	22.17	22.00	22.02	21.72		
20	16QAM	1	99	21.98	22.33	22.05	21.96	21.76		
20	16QAM	50	0	21.79	22.12	22.01	21.96	21.74	22.5	0
20	16QAM	50	24	21.81	22.21	22.00	21.96	21.72		
20	16QAM	50	50	21.91	22.34	22.08	21.98	21.75		
20	16QAM	100	0	21.82	22.22	21.99	21.93	21.68		
20	64QAM	1	0	22.39	21.85	21.70	21.60	22.18	22.5	0
20	64QAM	1	49	21.59	21.95	21.74	21.70	22.21		
20	64QAM	1	99	21.71	22.04	21.76	21.82	22.32		
20	64QAM	50	0	21.00	21.25	21.14	21.39	21.40	22	0.5
20	64QAM	50	24	21.08	21.28	21.18	21.32	21.37		
20	64QAM	50	50	21.11	21.37	21.25	21.38	21.44		
20	64QAM	100	0	21.04	21.36	21.14	21.33	21.35		
20	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	2.5
20	256QAM	1	49	19.57	19.20	19.36	19.41	19.67		
20	256QAM	1	99	19.51	19.60	19.59	19.28	19.32		
20	256QAM	50	0	19.72	19.29	19.57	19.23	19.22	20	2.5
20	256QAM	50	24	19.64	19.24	19.59	19.70	19.69		
20	256QAM	50	50	19.49	19.20	19.23	19.39	19.36		
20	256QAM	100	0	19.75	19.54	19.29	19.68	19.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.90	22.01	22.08	22.13	21.93	22.50	0
15	QPSK	1	37	21.78	22.05	22.02	21.92	21.58		
15	QPSK	1	74	21.90	22.32	22.00	21.85	21.68		
15	QPSK	36	0	21.74	22.28	21.90	21.94	21.66	22.5	0
15	QPSK	36	20	21.78	22.18	21.94	21.93	21.67		
15	QPSK	36	39	21.88	22.10	21.99	21.88	21.63		
15	QPSK	75	0	21.76	22.26	21.96	21.92	21.62		
15	16QAM	1	0	21.57	22.01	21.91	21.85	21.70	22.5	0
15	16QAM	1	37	21.80	22.11	21.99	21.93	21.72		
15	16QAM	1	74	21.91	22.24	21.98	21.87	21.69		
15	16QAM	36	0	21.68	22.06	21.96	21.90	21.69	22.5	0
15	16QAM	36	20	21.72	22.18	21.93	21.94	21.64		
15	16QAM	36	39	21.83	22.29	22.04	21.95	21.84		
15	16QAM	75	0	21.71	22.20	21.99	21.90	21.58		
15	64QAM	1	0	22.38	21.75	21.70	21.58	22.17	22.5	0
15	64QAM	1	37	21.52	21.94	21.68	21.67	22.19		
15	64QAM	1	74	21.69	22.04	21.71	21.51	22.23		
15	64QAM	36	0	21.00	21.25	21.14	21.39	21.40	22	0.5
15	64QAM	36	20	21.08	21.28	21.18	21.32	21.37		
15	64QAM	36	39	21.11	21.37	21.25	21.38	21.44		
15	64QAM	75	0	21.04	21.36	21.14	21.33	21.35		
15	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	2.5
15	256QAM	1	37	19.57	19.20	19.36	19.41	19.67		
15	256QAM	1	74	19.51	19.60	19.59	19.28	19.32		
15	256QAM	36	0	19.72	19.29	19.57	19.23	19.22	20	2.5
15	256QAM	36	20	19.64	19.24	19.59	19.70	19.69		
15	256QAM	36	39	19.49	19.20	19.23	19.39	19.36		
15	256QAM	75	0	19.75	19.54	19.29	19.68	19.43		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.89	22.07	22.03	22.14	21.93	22.50	0
10	QPSK	1	25	21.83	22.06	22.02	21.91	21.63		
10	QPSK	1	49	21.97	22.31	21.91	21.82	21.65		
10	QPSK	25	0	21.76	22.22	21.91	21.89	21.66	22.5	0
10	QPSK	25	12	21.81	22.10	21.97	21.86	21.60		
10	QPSK	25	25	21.84	22.16	21.93	21.97	21.74		
10	QPSK	50	0	21.87	22.23	21.95	21.93	21.71		
10	16QAM	1	0	21.63	22.02	21.87	21.85	21.67	22.5	0
10	16QAM	1	25	21.77	22.06	22.00	21.91	21.64		
10	16QAM	1	49	21.88	22.25	22.05	21.85	21.73		
10	16QAM	25	0	21.74	22.12	21.95	21.89	21.72	22.5	0
10	16QAM	25	12	21.71	22.15	21.90	21.91	21.72		
10	16QAM	25	25	21.91	22.30	22.01	21.92	21.72		
10	16QAM	50	0	21.80	22.17	21.98	21.90	21.57		
10	64QAM	1	0	22.34	21.85	21.62	21.51	22.12	22.5	0
10	64QAM	1	25	21.53	21.84	21.68	21.64	22.12		
10	64QAM	1	49	21.63	21.95	21.73	21.62	22.27		
10	64QAM	25	0	21.00	21.25	21.14	21.39	21.40	22	0.5
10	64QAM	25	12	21.08	21.28	21.18	21.32	21.37		
10	64QAM	25	25	21.11	21.37	21.25	21.38	21.44		
10	64QAM	50	0	21.04	21.36	21.14	21.33	21.35		
10	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	2.5
10	256QAM	1	25	19.57	19.20	19.36	19.41	19.67		
10	256QAM	1	49	19.51	19.60	19.59	19.28	19.32		
10	256QAM	25	0	19.72	19.29	19.57	19.23	19.22	20	2.5
10	256QAM	25	12	19.64	19.24	19.59	19.70	19.69		
10	256QAM	25	25	19.49	19.20	19.23	19.39	19.36		
10	256QAM	50	0	19.75	19.54	19.29	19.68	19.43		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.87	22.09	22.05	22.16	21.94	22.50	0
5	QPSK	1	12	21.85	22.03	22.01	21.95	21.65		
5	QPSK	1	24	21.91	22.30	21.99	21.79	21.64		
5	QPSK	12	0	21.67	22.21	21.93	21.92	21.65	22.5	0
5	QPSK	12	7	21.79	22.12	21.90	21.96	21.68		
5	QPSK	12	13	21.88	22.13	21.92	21.89	21.72		
5	QPSK	25	0	21.81	22.31	21.98	21.92	21.70		
5	16QAM	1	0	21.58	22.06	21.88	21.93	21.65	22.5	0
5	16QAM	1	12	21.84	22.08	21.93	21.99	21.61		
5	16QAM	1	24	21.91	22.28	22.03	21.86	21.65		
5	16QAM	12	0	21.75	22.03	22.01	21.90	21.66	22.5	0
5	16QAM	12	7	21.72	22.19	21.99	21.88	21.69		
5	16QAM	12	13	21.90	22.24	21.97	21.98	21.75		
5	16QAM	25	0	21.74	22.15	21.91	21.83	21.64		
5	64QAM	1	0	22.38	21.85	21.69	21.58	22.18	22.5	0
5	64QAM	1	12	21.53	21.92	21.63	21.62	22.15		
5	64QAM	1	24	21.62	22.02	21.70	21.59	22.26		
5	64QAM	12	0	21.00	21.25	21.14	21.39	21.40	22	0.5
5	64QAM	12	7	21.08	21.28	21.18	21.32	21.37		
5	64QAM	12	13	21.11	21.37	21.25	21.38	21.44		
5	64QAM	25	0	21.04	21.36	21.14	21.33	21.35		
5	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	2.5
5	256QAM	1	12	19.57	19.20	19.36	19.41	19.67		
5	256QAM	1	24	19.51	19.60	19.59	19.28	19.32		
5	256QAM	12	0	19.72	19.29	19.57	19.23	19.22	20	2.5
5	256QAM	12	7	19.64	19.24	19.59	19.70	19.69		
5	256QAM	12	13	19.49	19.20	19.23	19.39	19.36		
5	256QAM	25	0	19.75	19.54	19.29	19.68	19.43		

DSI3

GSM850_Ant 0	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	32.78	32.84	32.77	34.00	23.78	23.84	23.77	25.00
GPRS 1 Tx slot	33.03	33.01	33.00	34.00	24.03	24.01	24.00	25.00
GPRS 2 Tx slots	29.76	29.75	29.78	31.00	23.76	23.75	23.78	25.00
GPRS 3 Tx slots	27.74	27.85	27.81	29.20	23.48	23.59	23.55	24.94
GPRS 4 Tx slots	26.26	26.33	26.32	28.00	23.26	23.33	23.32	25.00
EDGE 1 Tx slot	27.16	27.09	27.11	28.00	18.16	18.09	18.11	19.00
EDGE 2 Tx slots	23.94	23.91	24.19	25.00	17.94	17.91	18.19	19.00
EDGE 3 Tx slots	22.07	22.02	22.31	23.20	17.81	17.76	18.05	18.94
EDGE 4 Tx slots	20.58	20.56	20.67	22.00	17.58	17.56	17.67	19.00

GSM850_Ant 1	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	32.38	32.30	32.22	33.50	23.38	23.30	23.22	24.50
GPRS 1 Tx slot	32.32	32.35	32.20	33.50	23.32	23.35	23.20	24.50
GPRS 2 Tx slots	28.76	28.92	28.84	30.50	22.76	22.92	22.84	24.50
GPRS 3 Tx slots	26.78	27.00	26.89	28.70	22.52	22.74	22.63	24.44
GPRS 4 Tx slots	25.61	25.76	25.66	27.50	22.61	22.76	22.66	24.50
EDGE 1 Tx slot	26.29	26.00	26.02	27.50	17.29	17.00	17.02	18.50
EDGE 2 Tx slots	22.97	23.05	23.00	24.50	16.97	17.05	17.00	18.50
EDGE 3 Tx slots	21.33	21.19	21.11	22.70	17.07	16.93	16.85	18.44
EDGE 4 Tx slots	19.91	19.79	19.84	21.50	16.91	16.79	16.84	18.50

GSM1900_Ant 2	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	30.50	30.49	30.31	31.00	21.50	21.49	21.31	22.00
GPRS 1 Tx slot	30.40	30.42	30.38	31.00	21.40	21.42	21.38	22.00
GPRS 2 Tx slots	27.08	27.18	27.03	28.00	21.08	21.18	21.03	22.00
GPRS 3 Tx slots	25.03	25.15	25.08	26.20	20.77	20.89	20.82	21.94
GPRS 4 Tx slots	23.52	23.66	23.53	25.00	20.52	20.66	20.53	22.00
EDGE 1 Tx slot	26.09	26.24	26.01	26.50	17.09	17.24	17.01	17.50
EDGE 2 Tx slots	22.82	23.11	22.87	23.50	16.82	17.11	16.87	17.50
EDGE 3 Tx slots	20.83	21.20	20.94	21.70	16.57	16.94	16.68	17.44
EDGE 4 Tx slots	19.19	19.38	19.16	20.50	16.19	16.38	16.16	17.50

GSM1900_Ant 5	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	29.25	29.18	29.19	31.00	20.25	20.18	20.19	22.00
GPRS 1 Tx slot	29.35	29.39	29.20	31.00	20.35	20.39	20.20	22.00
GPRS 2 Tx slots	26.23	26.36	26.22	28.00	20.23	20.36	20.22	22.00
GPRS 3 Tx slots	24.29	24.36	24.28	26.20	20.03	20.10	20.02	21.94
GPRS 4 Tx slots	23.18	23.27	23.20	25.00	20.18	20.27	20.20	22.00
EDGE 1 Tx slot	25.24	25.09	25.01	26.50	16.24	16.09	16.01	17.50
EDGE 2 Tx slots	22.25	21.99	22.22	23.50	16.25	15.99	16.22	17.50
EDGE 3 Tx slots	20.07	20.12	20.07	21.70	15.81	15.86	15.81	17.44
EDGE 4 Tx slots	18.51	18.59	18.55	20.50	15.51	15.59	15.55	17.50

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.09	24.07	25.00	23.37	23.36	23.33	25.00
3GPP Rel 99	RMC 12.2Kbps	24.07	24.11	24.08	25.00	23.41	23.42	23.31	25.00
3GPP Rel 6	HSDPA Subtest-1	23.04	23.15	23.09	24.00	22.09	22.20	22.22	24.00
3GPP Rel 6	HSDPA Subtest-2	23.03	23.05	23.00	24.00	22.07	22.08	22.08	24.00
3GPP Rel 6	HSDPA Subtest-3	22.65	22.76	22.63	23.50	21.83	21.84	21.71	23.50
3GPP Rel 6	HSDPA Subtest-4	22.59	22.70	22.66	23.50	21.71	21.88	21.81	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.00	23.05	23.04	24.00	22.01	22.09	22.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.99	23.03	22.97	24.00	22.05	22.03	22.08	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.59	22.62	22.58	23.50	21.78	21.85	21.68	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.57	22.55	22.55	23.50	21.81	21.82	21.70	23.50
3GPP Rel 6	HSUPA Subtest-1	19.90	19.91	19.92	24.00	19.35	19.46	19.39	24.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.89	19.85	22.00	19.38	19.39	19.31	22.00
3GPP Rel 6	HSUPA Subtest-3	20.92	20.95	20.98	23.00	20.49	20.51	20.56	23.00
3GPP Rel 6	HSUPA Subtest-4	19.39	19.44	19.41	22.00	18.89	19.03	18.91	22.00
3GPP Rel 6	HSUPA Subtest-5	20.90	20.90	20.90	24.00	20.36	20.45	20.38	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.83	19.91	19.76	21.50	19.27	19.38	19.40	21.50

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 5			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.97	24.10	24.06	25.00	23.42	23.55	23.46	25.00
3GPP Rel 99	RMC 12.2Kbps	23.99	24.11	24.06	25.00	23.46	23.56	23.48	25.00
3GPP Rel 6	HSDPA Subtest-1	23.06	23.23	23.20	24.00	22.35	22.55	22.51	24.00
3GPP Rel 6	HSDPA Subtest-2	23.02	23.16	23.12	24.00	22.19	22.35	22.41	24.00
3GPP Rel 6	HSDPA Subtest-3	22.55	22.69	22.67	23.50	21.83	21.85	21.90	23.50
3GPP Rel 6	HSDPA Subtest-4	22.54	22.69	22.59	23.50	21.82	22.01	21.83	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.02	22.96	24.00	22.28	22.30	22.32	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.98	23.00	23.01	24.00	22.30	22.33	22.28	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.50	22.51	22.49	23.50	21.76	21.80	21.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.55	22.48	22.50	23.50	21.81	21.77	21.75	23.50
3GPP Rel 6	HSUPA Subtest-1	20.80	20.92	20.88	24.00	20.47	20.52	20.55	24.00
3GPP Rel 6	HSUPA Subtest-2	20.77	20.90	20.87	22.00	20.34	20.45	20.42	22.00
3GPP Rel 6	HSUPA Subtest-3	21.81	21.98	21.91	23.00	21.40	21.63	21.59	23.00
3GPP Rel 6	HSUPA Subtest-4	20.35	20.48	20.37	22.00	19.99	20.20	20.05	22.00
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	21.90	24.00	21.51	21.49	21.54	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.06	20.23	20.15	21.50	19.78	19.82	19.80	21.50

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.74	23.76	23.64	25.00	20.44	20.40	20.38	22.00
3GPP Rel 99	RMC 12.2Kbps	23.76	23.78	23.67	25.00	20.45	20.47	20.40	22.00
3GPP Rel 6	HSDPA Subtest-1	22.72	22.82	22.80	24.00	19.44	19.50	19.41	21.00
3GPP Rel 6	HSDPA Subtest-2	22.78	22.75	22.86	24.00	19.52	19.45	19.34	21.00
3GPP Rel 6	HSDPA Subtest-3	22.24	22.38	22.32	23.50	18.99	18.96	18.96	20.50
3GPP Rel 6	HSDPA Subtest-4	22.27	22.35	22.31	23.50	18.86	18.97	18.88	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.74	22.76	22.78	24.00	19.42	19.39	19.42	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.70	22.73	22.71	24.00	19.38	19.35	19.43	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.21	22.28	22.19	23.50	18.88	18.82	18.83	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.23	22.22	22.20	23.50	18.81	18.83	18.80	20.50
3GPP Rel 6	HSUPA Subtest-1	19.55	19.72	19.68	24.00	16.38	16.43	16.34	21.00
3GPP Rel 6	HSUPA Subtest-2	17.68	17.76	17.71	22.00	14.36	14.46	14.30	19.00
3GPP Rel 6	HSUPA Subtest-3	18.69	18.85	18.77	23.00	15.38	15.47	15.42	20.00
3GPP Rel 6	HSUPA Subtest-4	19.13	19.22	19.16	22.00	16.02	15.96	15.84	19.00
3GPP Rel 6	HSUPA Subtest-5	20.70	20.80	20.80	24.00	17.40	17.50	17.30	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.02	18.85	18.92	21.50	14.86	15.07	15.08	18.50

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)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.81	23.71	23.64	24.5	0
20	QPSK	1	49	23.68	23.62	23.58		
20	QPSK	1	99	23.63	23.60	23.56		
20	QPSK	50	0	22.73	22.65	22.60	23.5	1
20	QPSK	50	24	22.65	22.62	22.53		
20	QPSK	50	50	22.65	22.55	22.51		
20	QPSK	100	0	22.69	22.59	22.53		
20	16QAM	1	0	23.13	22.92	22.89	23.5	1
20	16QAM	1	49	22.77	22.86	22.87		
20	16QAM	1	99	22.81	22.71	22.93		
20	16QAM	50	0	21.70	21.67	21.71	22.5	2
20	16QAM	50	24	21.68	21.63	21.64		
20	16QAM	50	50	21.67	21.54	21.62		
20	16QAM	100	0	21.67	21.55	21.58		
20	64QAM	1	0	21.63	21.67	21.58	22.5	2
20	64QAM	1	49	21.54	21.52	21.63		
20	64QAM	1	99	21.53	21.48	21.57		
20	64QAM	50	0	20.68	20.62	20.63	21.5	3
20	64QAM	50	24	20.67	20.61	20.58		
20	64QAM	50	50	20.65	20.51	20.58		
20	64QAM	100	0	20.60	20.52	20.62		
20	256QAM	1	0	18.65	18.61	18.57	19.5	5
20	256QAM	1	49	18.60	18.60	18.61		
20	256QAM	1	99	18.61	18.60	18.68		
20	256QAM	50	0	18.51	18.53	18.55	19.5	5
20	256QAM	50	24	18.57	18.52	18.53		
20	256QAM	50	50	18.55	18.49	18.60		
20	256QAM	100	0	18.52	18.44	18.61		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.77	23.80	23.60	24.5	0
15	QPSK	1	37	23.67	23.72	23.47		
15	QPSK	1	74	23.72	23.48	23.59		
15	QPSK	36	0	22.65	22.61	22.51	23.5	1
15	QPSK	36	20	22.61	22.61	22.59		
15	QPSK	36	39	22.57	22.42	22.55		
15	QPSK	75	0	22.58	22.53	22.66		
15	16QAM	1	0	23.08	23.12	23.13	23.5	1
15	16QAM	1	37	23.00	23.03	22.98		
15	16QAM	1	74	23.00	22.98	23.04		
15	16QAM	36	0	21.64	21.64	21.53	22.5	2
15	16QAM	36	20	21.65	21.55	21.63		
15	16QAM	36	39	21.65	21.49	21.55		
15	16QAM	75	0	21.60	21.55	21.54		
15	64QAM	1	0	21.67	21.78	21.67	22.5	2
15	64QAM	1	37	21.63	21.71	21.82		
15	64QAM	1	74	21.89	21.63	21.83		
15	64QAM	36	0	20.64	20.65	20.54	21.5	3
15	64QAM	36	20	20.59	20.64	20.58		
15	64QAM	36	39	20.58	20.54	20.56		
15	64QAM	75	0	20.58	20.60	20.46		
15	256QAM	1	0	18.38	18.47	18.53	19.5	5
15	256QAM	1	37	18.23	18.38	18.64		
15	256QAM	1	74	18.65	18.57	18.21		
15	256QAM	36	0	18.29	18.59	18.37	19.5	5
15	256QAM	36	20	18.29	18.29	18.47		
15	256QAM	36	39	18.56	18.55	18.54		
15	256QAM	75	0	18.22	18.20	18.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1905		
10	QPSK	1	0	23.69	23.56	23.50	24.5	0
10	QPSK	1	25	23.63	23.47	23.42		
10	QPSK	1	49	23.56	23.49	23.51		
10	QPSK	25	0	22.59	22.56	22.50	23.5	1
10	QPSK	25	12	22.60	22.60	22.56		
10	QPSK	25	25	22.59	22.50	22.45		
10	QPSK	50	0	22.63	22.53	22.52		
10	16QAM	1	0	22.77	22.42	22.56	23.5	1
10	16QAM	1	25	22.43	22.36	22.51		
10	16QAM	1	49	22.43	22.38	22.61		
10	16QAM	25	0	21.65	21.64	21.52	22.5	2
10	16QAM	25	12	21.64	21.58	21.53		
10	16QAM	25	25	21.58	21.47	21.50		
10	16QAM	50	0	21.67	21.57	21.47		
10	64QAM	1	0	22.02	21.88	21.54	22.5	2
10	64QAM	1	25	21.91	21.84	21.48		
10	64QAM	1	49	21.90	21.86	21.56		
10	64QAM	25	0	20.53	20.46	20.46	21.5	3
10	64QAM	25	12	20.59	20.45	20.53		
10	64QAM	25	25	20.49	20.45	20.46		
10	64QAM	50	0	20.60	20.59	20.55		
10	256QAM	1	0	18.38	18.31	18.49	19.5	5
10	256QAM	1	25	18.41	18.53	18.23		
10	256QAM	1	49	18.52	18.23	18.47		
10	256QAM	25	0	18.54	18.28	18.39		
10	256QAM	25	12	18.57	18.65	18.62	19.5	5
10	256QAM	25	25	18.63	18.20	18.21		
10	256QAM	50	0	18.52	18.33	18.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.62	23.51	23.53	24.5	0
5	QPSK	1	12	23.53	23.43	23.63		
5	QPSK	1	24	23.52	23.48	23.59		
5	QPSK	12	0	22.67	22.55	22.54	23.5	1
5	QPSK	12	7	22.64	22.54	22.52		
5	QPSK	12	13	22.56	22.52	22.49		
5	QPSK	25	0	22.56	22.56	22.46		
5	16QAM	1	0	22.89	22.93	22.92	23.5	1
5	16QAM	1	12	22.64	23.01	22.86		
5	16QAM	1	24	22.60	22.92	22.83		
5	16QAM	12	0	21.67	21.64	21.55	22.5	2
5	16QAM	12	7	21.62	21.58	21.55		
5	16QAM	12	13	21.55	21.54	21.53		
5	16QAM	25	0	21.50	21.56	21.60		
5	64QAM	1	0	21.86	21.85	21.85	22.5	2
5	64QAM	1	12	21.84	21.87	21.82		
5	64QAM	1	24	21.87	21.81	21.87		
5	64QAM	12	0	20.70	20.54	20.60	21.5	3
5	64QAM	12	7	20.55	20.50	20.51		
5	64QAM	12	13	20.64	20.48	20.50		
5	64QAM	25	0	20.66	20.52	20.58		
5	256QAM	1	0	18.39	18.49	18.35	19.5	5
5	256QAM	1	12	18.65	18.42	18.38		
5	256QAM	1	24	18.32	18.23	18.64		
5	256QAM	12	0	18.23	18.54	18.63	19.5	5
5	256QAM	12	7	18.25	18.61	18.49		
5	256QAM	12	13	18.44	18.62	18.34		
5	256QAM	25	0	18.38	18.49	18.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.74	23.40	23.37	24.5	0
3	QPSK	1	8	23.79	23.52	23.48		
3	QPSK	1	14	23.65	23.54	23.40		
3	QPSK	8	0	22.57	22.58	22.49	23.5	1
3	QPSK	8	4	22.54	22.51	22.52		
3	QPSK	8	7	22.56	22.52	22.50		
3	QPSK	15	0	22.53	22.49	22.50		
3	16QAM	1	0	23.09	22.74	22.76	23.5	1
3	16QAM	1	8	23.05	22.80	22.80		
3	16QAM	1	14	23.01	22.72	22.76		
3	16QAM	8	0	21.62	21.60	21.52	22.5	2
3	16QAM	8	4	21.60	21.60	21.48		
3	16QAM	8	7	21.58	21.58	21.48		
3	16QAM	15	0	21.69	21.57	21.64		
3	64QAM	1	0	21.34	21.55	21.48	22.5	2
3	64QAM	1	8	21.59	21.56	21.46		
3	64QAM	1	14	21.53	21.54	21.48		
3	64QAM	8	0	20.43	20.44	20.51	21.5	3
3	64QAM	8	4	20.50	20.46	20.53		
3	64QAM	8	7	20.53	20.45	20.56		
3	64QAM	15	0	20.73	20.55	20.47		
3	256QAM	1	0	18.44	18.62	18.38	19.5	5
3	256QAM	1	8	18.20	18.48	18.43		
3	256QAM	1	14	18.25	18.32	18.59		
3	256QAM	8	0	18.38	18.54	18.57	19.5	5
3	256QAM	8	4	18.28	18.63	18.23		
3	256QAM	8	7	18.20	18.27	18.28		
3	256QAM	15	0	18.27	18.42	18.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.65	23.61	23.57	24.5	0
1.4	QPSK	1	3	23.75	23.63	23.49		
1.4	QPSK	1	5	23.78	23.60	23.64		
1.4	QPSK	3	0	23.51	23.46	23.37		
1.4	QPSK	3	1	23.52	23.43	23.40		
1.4	QPSK	3	2	23.52	23.43	23.42		
1.4	QPSK	6	0	22.58	22.58	22.49	23.5	1
1.4	16QAM	1	0	22.90	22.90	22.88	23.5	1
1.4	16QAM	1	3	22.94	22.93	22.94		
1.4	16QAM	1	5	22.97	22.87	23.04		
1.4	16QAM	3	0	22.50	22.57	22.58		
1.4	16QAM	3	1	22.59	22.53	22.57		
1.4	16QAM	3	2	22.59	22.50	22.54		
1.4	64QAM	6	0	21.72	21.65	21.47	22.5	2
1.4	64QAM	1	0	21.86	21.83	21.56	22.5	2
1.4	64QAM	1	3	21.87	21.78	21.58		
1.4	64QAM	1	5	21.89	21.85	21.55		
1.4	64QAM	3	0	21.74	21.68	21.77		
1.4	64QAM	3	1	21.72	21.72	21.70		
1.4	64QAM	3	2	21.67	21.63	21.81		
1.4	64QAM	6	0	20.50	20.51	20.44	21.5	3
1.4	256QAM	1	0	18.44	18.25	18.58	19.5	5
1.4	256QAM	1	3	18.53	18.34	18.55		
1.4	256QAM	1	5	18.20	18.56	18.21		
1.4	256QAM	3	0	18.55	18.48	18.59		
1.4	256QAM	3	1	18.62	18.40	18.21		
1.4	256QAM	3	2	18.43	18.53	18.31		
1.4	256QAM	6	0	18.60	18.46	18.20	19.5	5

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.98	23.90	23.86	25	0
20	QPSK	1	49	23.80	23.79	23.75		
20	QPSK	1	99	23.76	23.72	23.69		
20	QPSK	50	0	22.89	22.90	22.85	24	1
20	QPSK	50	24	22.89	22.88	22.79		
20	QPSK	50	50	22.87	22.75	22.70		
20	QPSK	100	0	22.87	22.86	22.76		
20	16QAM	1	0	23.09	23.16	23.08	24	1
20	16QAM	1	49	23.03	23.05	23.08		
20	16QAM	1	99	23.03	22.97	23.04		
20	16QAM	50	0	21.93	21.83	21.87	23	2
20	16QAM	50	24	21.87	21.87	21.82		
20	16QAM	50	50	21.86	21.72	21.89		
20	16QAM	100	0	21.82	21.79	21.83		
20	64QAM	1	0	22.08	22.01	21.93	23	2
20	64QAM	1	49	22.01	21.92	21.92		
20	64QAM	1	99	21.94	21.87	21.94		
20	64QAM	50	0	20.94	20.84	20.86	22	3
20	64QAM	50	24	20.88	20.84	20.84		
20	64QAM	50	50	20.85	20.74	20.87		
20	64QAM	100	0	20.85	20.81	20.84		
20	256QAM	1	0	18.74	18.74	18.84	20	5
20	256QAM	1	49	18.77	18.82	18.82		
20	256QAM	1	99	18.88	18.78	18.95		
20	256QAM	50	0	18.82	18.58	18.81	20	5
20	256QAM	50	24	18.70	18.77	18.73		
20	256QAM	50	50	18.78	18.63	18.85		
20	256QAM	100	0	18.72	18.65	18.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.94	23.88	23.82	25	0
15	QPSK	1	37	23.86	23.82	23.69		
15	QPSK	1	74	23.91	23.80	23.79		
15	QPSK	36	0	22.88	22.86	22.76	24	1
15	QPSK	36	20	22.82	22.82	22.81		
15	QPSK	36	39	22.79	22.71	22.84		
15	QPSK	75	0	22.85	22.79	22.81		
15	16QAM	1	0	23.11	23.13	23.11	24	1
15	16QAM	1	37	23.12	23.02	23.02		
15	16QAM	1	74	23.13	22.98	23.00		
15	16QAM	36	0	21.84	21.86	21.75	23	2
15	16QAM	36	20	21.85	21.81	21.80		
15	16QAM	36	39	21.85	21.71	21.81		
15	16QAM	75	0	21.85	21.78	21.80		
15	64QAM	1	0	22.04	22.02	22.04	23	2
15	64QAM	1	37	21.95	21.95	21.93		
15	64QAM	1	74	21.95	21.90	21.92		
15	64QAM	36	0	20.89	20.86	20.82	22	3
15	64QAM	36	20	20.87	20.87	20.82		
15	64QAM	36	39	20.87	20.73	20.85		
15	64QAM	75	0	20.85	20.78	20.77		
15	256QAM	1	0	18.62	18.74	18.84	20	5
15	256QAM	1	37	18.58	18.54	18.54		
15	256QAM	1	74	18.75	18.68	18.54		
15	256QAM	36	0	18.61	18.85	18.80	20	5
15	256QAM	36	20	18.60	18.69	18.61		
15	256QAM	36	39	18.56	18.62	18.60		
15	256QAM	75	0	18.81	18.85	18.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1905		
10	QPSK	1	0	23.95	23.87	23.79	25	0
10	QPSK	1	25	23.82	23.80	23.75		
10	QPSK	1	49	23.83	23.77	23.81		
10	QPSK	25	0	22.87	22.81	22.74	24	1
10	QPSK	25	12	22.82	22.81	22.77		
10	QPSK	25	25	22.81	22.74	22.77		
10	QPSK	50	0	22.86	22.81	22.79		
10	16QAM	1	0	23.12	23.02	22.99	24	1
10	16QAM	1	25	23.02	22.97	22.95		
10	16QAM	1	49	23.09	22.95	22.95		
10	16QAM	25	0	21.92	21.86	21.77	23	2
10	16QAM	25	12	21.87	21.84	21.82		
10	16QAM	25	25	21.80	21.78	21.78		
10	16QAM	50	0	21.86	21.81	21.81		
10	64QAM	1	0	22.01	22.00	21.92	23	2
10	64QAM	1	25	21.94	21.98	21.88		
10	64QAM	1	49	21.92	21.89	21.93		
10	64QAM	25	0	20.87	20.82	20.76	22	3
10	64QAM	25	12	20.86	20.79	20.81		
10	64QAM	25	25	20.77	20.73	20.77		
10	64QAM	50	0	20.83	20.81	20.80		
10	256QAM	1	0	18.58	18.61	18.63	20	5
10	256QAM	1	25	18.71	18.64	18.76		
10	256QAM	1	49	18.52	18.75	18.53		
10	256QAM	25	0	18.63	18.57	18.51		
10	256QAM	25	12	18.55	18.59	18.60		
10	256QAM	25	25	18.67	18.71	18.62		
10	256QAM	50	0	18.83	18.84	18.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.88	23.88	23.80	25	0
5	QPSK	1	12	23.88	23.86	23.81		
5	QPSK	1	24	23.85	23.81	23.84		
5	QPSK	12	0	22.89	22.84	22.82	24	1
5	QPSK	12	7	22.87	22.86	22.80		
5	QPSK	12	13	22.82	22.78	22.74		
5	QPSK	25	0	22.85	22.84	22.80		
5	16QAM	1	0	23.11	23.12	23.07	24	1
5	16QAM	1	12	23.09	23.04	23.00		
5	16QAM	1	24	23.06	23.04	22.93		
5	16QAM	12	0	21.87	21.84	21.82	23	2
5	16QAM	12	7	21.86	21.78	21.78		
5	16QAM	12	13	21.78	21.75	21.74		
5	16QAM	25	0	21.87	21.88	21.82		
5	64QAM	1	0	22.00	21.97	21.91	23	2
5	64QAM	1	12	22.00	21.96	21.97		
5	64QAM	1	24	21.97	21.96	21.97		
5	64QAM	12	0	20.92	20.86	20.81	22	3
5	64QAM	12	7	20.90	20.82	20.81		
5	64QAM	12	13	20.79	20.81	20.74		
5	64QAM	25	0	20.84	20.80	20.78		
5	256QAM	1	0	18.65	18.79	18.75	20	5
5	256QAM	1	12	18.78	18.73	18.75		
5	256QAM	1	24	18.69	18.78	18.61		
5	256QAM	12	0	18.60	18.63	18.51	20	5
5	256QAM	12	7	18.78	18.63	18.55		
5	256QAM	12	13	18.77	18.53	18.51		
5	256QAM	25	0	18.62	18.66	18.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.89	23.80	23.75	25	0
3	QPSK	1	8	23.83	23.79	23.77		
3	QPSK	1	14	23.81	23.75	23.76		
3	QPSK	8	0	22.94	22.84	22.82	24	1
3	QPSK	8	4	22.83	22.77	22.76		
3	QPSK	8	7	22.83	22.78	22.78		
3	QPSK	15	0	22.85	22.78	22.79		
3	16QAM	1	0	23.02	23.03	22.88	24	1
3	16QAM	1	8	23.05	23.00	22.90		
3	16QAM	1	14	23.02	22.98	22.87		
3	16QAM	8	0	21.94	21.91	21.92	23	2
3	16QAM	8	4	21.94	21.84	21.91		
3	16QAM	8	7	21.95	21.85	21.91		
3	16QAM	15	0	21.89	21.82	21.87		
3	64QAM	1	0	21.98	21.96	21.95	23	2
3	64QAM	1	8	21.98	21.98	21.96		
3	64QAM	1	14	21.96	21.94	21.94		
3	64QAM	8	0	20.88	20.86	20.86	22	3
3	64QAM	8	4	20.87	20.79	20.86		
3	64QAM	8	7	20.92	20.84	20.86		
3	64QAM	15	0	20.87	20.78	20.83		
3	256QAM	1	0	18.61	18.69	18.54	20	5
3	256QAM	1	8	18.51	18.85	18.84		
3	256QAM	1	14	18.67	18.51	18.63		
3	256QAM	8	0	18.67	18.78	18.66	20	5
3	256QAM	8	4	18.65	18.69	18.54		
3	256QAM	8	7	18.65	18.61	18.57		
3	256QAM	15	0	18.66	18.79	18.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.78	23.76	23.72	24.5	0
1.4	QPSK	1	3	23.81	23.77	23.75		
1.4	QPSK	1	5	23.84	23.72	23.75		
1.4	QPSK	3	0	23.79	23.79	23.79		
1.4	QPSK	3	1	23.82	23.77	23.77		
1.4	QPSK	3	2	23.79	23.78	23.78		
1.4	QPSK	6	0	22.85	22.83	22.78	24	1
1.4	16QAM	1	0	23.05	22.97	22.95	24	1
1.4	16QAM	1	3	22.94	22.93	22.94		
1.4	16QAM	1	5	23.02	22.94	22.93		
1.4	16QAM	3	0	22.86	22.86	22.82	24	1
1.4	16QAM	3	1	22.90	22.85	22.80		
1.4	16QAM	3	2	22.91	22.88	22.82		
1.4	64QAM	6	0	21.93	21.89	21.87	23	2
1.4	64QAM	1	0	22.03	22.02	21.98	23	2
1.4	64QAM	1	3	22.01	21.99	21.97		
1.4	64QAM	1	5	22.03	21.98	21.90		
1.4	64QAM	3	0	21.91	21.89	21.90		
1.4	64QAM	3	1	21.91	21.88	21.92		
1.4	64QAM	3	2	21.90	21.86	21.90		
1.4	64QAM	6	0	20.82	20.78	20.76	22	3
1.4	256QAM	1	0	18.80	18.68	18.67	20	5
1.4	256QAM	1	3	18.57	18.82	18.71		
1.4	256QAM	1	5	18.83	18.60	18.77		
1.4	256QAM	3	0	18.77	18.55	18.73		
1.4	256QAM	3	1	18.72	18.83	18.50		
1.4	256QAM	3	2	18.74	18.53	18.75		
1.4	256QAM	6	0	18.64	18.76	18.52	20	5

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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.14	23.68	23.45	24.5	0
20	QPSK	1	49	23.20	23.43	23.15		
20	QPSK	1	99	23.26	23.30	23.20		
20	QPSK	50	0	22.32	22.53	22.27	23.5	1
20	QPSK	50	24	22.32	22.45	22.22		
20	QPSK	50	50	22.33	22.48	22.17		
20	QPSK	100	0	22.25	22.54	22.37		
20	16QAM	1	0	22.37	22.48	22.13	23.5	1
20	16QAM	1	49	22.37	22.48	22.21		
20	16QAM	1	99	22.40	22.40	22.27		
20	16QAM	50	0	21.35	21.37	21.54	22.5	2
20	16QAM	50	24	21.36	21.48	21.51		

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
				Channel				
				Frequency (MHz)				
20	QPSK	1	0	20050 1720 25.48	20175 1732.5 25.55	20300 1745 25.53		
20	QPSK	1	49	25.31	25.44	25.41	25.7	0
20	QPSK	1	99	25.31	25.37	25.43		
20	QPSK	50	0	24.28	24.52	24.44		
20	QPSK	50	24	24.33	24.44	24.42	24.7	1
20	QPSK	50	50	24.32	24.50	24.42		
20	QPSK	100	0	24.32	24.41	24.40		
20	16QAM	1	0	24.55	24.68	24.51		
20	16QAM	1	49	24.39	24.62	24.59	24.7	1
20	16QAM	1	99	24.49	24.54	24.53		
20	16QAM	50	0	23.29	23.50	23.39		
20	16QAM	50	24	23.32	23.48	23.41	23.7	2
20	16QAM	50	50	23.32	23.49	23.41		
20	16QAM	100	0	23.35	23.42	23.38		
20	64QAM	1	0	23.47	23.51	23.58		
20	64QAM	1	49	23.34	23.46	23.50	23.7	2
20	64QAM	1	99	23.32	23.41	23.45		
20	64QAM	50	0	22.30	22.49	22.39		
20	64QAM	50	24	22.28	22.43	22.44	22.7	3
20	64QAM	50	50	22.24	22.44	22.42		
20	64QAM	100	0	22.34	22.44	22.41		
20	256QAM	1	0	20.41	20.40	20.30		
20	256QAM	1	49	20.32	20.35	20.31	20.7	5
20	256QAM	1	99	20.40	20.44	20.44		
20	256QAM	50	0	20.14	20.35	20.19		
20	256QAM	50	24	20.22	20.28	20.21	20.7	5
20	256QAM	50	50	20.29	20.37	20.31		
20	256QAM	100	0	20.31	20.35	20.27		
				Channel				
				Frequency (MHz)				
15	QPSK	1	0	20400 1717.5 25.40	20525 1732.5 25.44	20650 1747.5 25.43		
15	QPSK	1	37	25.30	25.40	25.39	25.7	0
15	QPSK	1	74	25.28	25.36	25.37		
15	QPSK	36	0	24.26	24.40	24.42		
15	QPSK	36	20	24.29	24.39	24.35	24.7	1
15	QPSK	36	39	24.27	24.42	24.39		
15	QPSK	75	0	24.28	24.39	24.41		
15	16QAM	1	0	24.54	24.62	24.63		
15	16QAM	1	37	24.40	24.59	24.58	24.7	1
15	16QAM	1	74	24.45	24.55	24.52		
15	16QAM	36	0	23.28	23.43	23.38		
15	16QAM	36	20	23.32	23.37	23.35	23.7	2
15	16QAM	36	39	23.27	23.38	23.36		
15	16QAM	75	0	23.30	23.39	23.38		
15	64QAM	1	0	23.57	23.58	23.52		
15	64QAM	1	37	23.44	23.52	23.46	23.7	2
15	64QAM	1	74	23.42	23.49	23.43		
15	64QAM	36	0	22.29	22.47	22.44		
15	64QAM	36	20	22.31	22.42	22.40	22.7	3
15	64QAM	36	39	22.28	22.47	22.38		
15	64QAM	75	0	22.29	22.43	22.41		
15	256QAM	1	0	20.06	20.05	20.10		
15	256QAM	1	37	19.94	19.94	19.94	20.7	5
15	256QAM	1	74	19.99	20.01	20.06		
15	256QAM	36	0	20.05	20.00	19.95		
15	256QAM	36	20	20.03	20.13	20.12	20.7	5
15	256QAM	36	39	20.07	19.96	20.08		
15	256QAM	75	0	19.93	19.91	20.01		
				Channel				
				Frequency (MHz)				
10	QPSK	1	0	20400 1715 25.44	20525 1732.5 25.47	20650 1750 25.41		
10	QPSK	1	25	25.31	25.43	25.40	25.7	0
10	QPSK	1	49	25.36	25.42	25.39		
10	QPSK	25	0	24.30	24.43	24.38		
10	QPSK	25	12	24.31	24.42	24.43		
10	QPSK	25	25	24.32	24.39	24.39	24.7	1
10	QPSK	50	0	24.33	24.45	24.41		
10	16QAM	1	0	24.51	24.56	24.56		
10	16QAM	1	25	24.43	24.57	24.52	24.7	1
10	16QAM	1	49	24.41	24.61	24.50		
10	16QAM	25	0	23.34	23.43	23.40		
10	16QAM	25	12	23.38	23.44	23.42	23.7	2
10	16QAM	25	25	23.36	23.42	23.37		
10	16QAM	50	0	23.35	23.42	23.40		
10	64QAM	1	0	23.48	23.54	23.55		
10	64QAM	1	25	23.38	23.49	23.53	23.7	2
10	64QAM	1	49	23.40	23.45	23.51		
10	64QAM	25	0	22.32	22.45	22.38		
10	64QAM	25	12	22.34	22.43	22.42	22.7	3
10	64QAM	25	25	22.33	22.44	22.38		
10	64QAM	50	0	22.34	22.45	22.40		
10	256QAM	1	0	19.99	20.14	20.11		
10	256QAM	1	25	20.09	19.92	19.96	20.7	5
10	256QAM	1	49	20.01	20.05	20.10		
10	256QAM	25	0	20.08	20.03	20.15		
10	256QAM	25	12	20.12	19.92	20.07	20.7	5
10	256QAM	25	25	20.11	20.13	20.08		
10	256QAM	50	0	19.96	19.98	20.06		
				Channel				
				Frequency (MHz)				
5	QPSK	1	0	19975 1712.5 25.47	20175 1732.5 25.45	20375 1752.5 25.45		
5	QPSK	1	12	25.47	25.47	25.45	25.7	0
5	QPSK	1	24	25.35	25.46	25.45		
5	QPSK	12	0	24.36	24.44	24.38		
5	QPSK	12	7	24.34	24.39	24.36	24.7	1
5	QPSK	12	13	24.30	24.39	24.34		
5	QPSK	25	0	24.35	24.43	24.38		
5	16QAM	1	0	24.50	24.65	24.56		
5	16QAM	1	12	24.56	24.62	24.49	24.7	1
5	16QAM	1	24	24.46	24.58	24.51		
5	16QAM	12	0	23.34	23.42	23.35		
5	16QAM	12	7	23.35	23.42	23.39	23.7	2
5	16QAM	12	13	23.30	23.38	23.32		
5	16QAM	25	0	23.41	23.45	23.40		
5	64QAM	1	0	23.51	23.52	23.55		
5	64QAM	1	12	23.51	23.53	23.52	23.7	2
5	64QAM	1	24	23.47	23.49	23.51		
5	64QAM	12	0	22.40	22.45	22.41		
5	64QAM	12	7	22.41	22.42	22.43	22.7	3
5	64QAM	12	13	22.35	22.45	22.31		
5	64QAM	25	0	22.36	22.46	22.40		
5	256QAM	1	0	20.10	19.90	19.95		
5	256QAM	1	12	20.05	19.94	20.14	20.7	5
5	256QAM	1	24	19.97	20.11	20.12		
5	256QAM	12	0	19.99	20.03	19.98		
5	256QAM	12	7	20.05	20.14	20.08	20.7	5
5	256QAM	12	13	20.01	20.01	20.08		
5	256QAM	25	0	20.01	19.91	19.94		
				Channel				
				Frequency (MHz)				
3	QPSK	1	0	19965 1711.5 25.45	20175 1732.5 25.46	20385 1753.5 25.38		
3	QPSK	1	8	25.46	25.42	25.36	25.7	0
3	QPSK	1	14	25.43	25.42	25.36		
3	QPSK	8	0	24.38	24.40	24.38		
3	QPSK	8	4	24.35	24.34	24.35	24.7	1
3	QPSK	8	7	24.38	24.37	24.36		
3	QPSK	15	0	24.38	24.40	24.35		
3	16QAM	1	0	24.50	24.63	24.54		
3	16QAM	1	8	24.50	24.62	24.53	24.7	1
3	16QAM	1	14	24.51	24.59	24.52		
3	16QAM	8	0	23.45	23.50	23.47		
3	16QAM	8	4	23.45	23.45	23.43	23.7	2
3	16QAM	8	7	23.45	23.47	23.45		
3	16QAM	15	0	23.42	23.44	23.40		
3	64QAM	1	0	23.45	23.47	23.42		
3	64QAM	1	8	23.48	23.45	23.46	23.7	2
3	64QAM	1	14	23.48	23.45	23.46		
3	64QAM	8	0	22.44	22.45	22.46		
3	64QAM	8	4	22.43	22.42	22.40	22.7	3
3	64QAM	8	7	22.47	22.46	22.45		
3	64QAM	15	0	22.41	22.41	22.42		
3	256QAM	1	0	20.08	19.94	20.09		
3	256QAM	1	8	19.92	19.95	19.91	20.7	5
3	256QAM	1	14	19.92	19.91	20.03		
3	256QAM	8	0	20.05	19.96	20.09		
3	256QAM	8	4	20.14	19.92	19.93	20.7	5
3	256QAM	8	7	20.12	20.08	19.92		
3	256QAM	15	0	20.00	19.96	20.12		
				Channel				
				Frequency (MHz)				
1.4	QPSK	1	0	19925 1710.7 25.31	20175 1732.5 25.36	20393 1754.3 25.34		
1.4	QPSK	1	3	25.33	25.37	25.31		
1.4	QPSK	1	5	25.32	25.36	25.31	25.7	0
1.4	QPSK	3	0	25.33	25.35	25.40		
1.4	QPSK	3	1	25.31	25.37	25.40		
1.4	QPSK	3	3	25.34	25.38	25.39		
1.4	QPSK	6	0	24.34	24.39	24.36	24.7	1
1.4	16QAM	1	0	24.47	24.58	24.55		
1.4	16QAM	1	3	24.45	24.62	24.54		
1.4	16QAM	1	5	24.44	24.58	24.51	24.7	1
1.4	16QAM	3	0	24.37	24.41	24.38		
1.4	16QAM	3	1	24.37	24.41	24.37		
1.4	16QAM	3	3	24.34	24.37	24.37		
1.4	16QAM	6	0	23.39	23.47	23.39	23.7	2
1.4	64QAM	1	0	23.53	23.58	23.43		
1.4	64QAM	1	3	23.48	23.47	23.40		
1.4	64QAM	1	5	23.40	23.46	23.46	23.7	2
1.4	64QAM	3	0	23.46	23.47	23.41		
1.4	64QAM	3	1	23.46	23.47	23.40		
1.4	64QAM	3	3	23.46	23.46	23.39		
1.4	64QAM	6	0	22.34	22.37	22.34	22.7	3
1.4	256QAM	1	0	19.94	19.93	20.13		
1.4	256QAM	1	3	20.05	20.13	20.02		
1.4	256QAM	1	5	19.97	20.06	19.94	20.7	5
1.4	256QAM	3	0	19.97	19.98	20.07		
1.4	256QAM	3	1	20.07	19.99	20.12		
1.4	256QAM	3	3	20.10	19.94	20.09		
1.4	256QAM	6	0	20.15	19.99	20.07	20.7	5

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
				Channel				
				Frequency (MHz)				
20	QPSK	1	0	20050 1720 24.42	20175 1732.5 24.55	20300 1745 24.47		
20	QPSK	1	49	24.16	24.24	24.22	25	0
20	QPSK	1	99	24.18	24.30	24.40		
20	QPSK	50	0	23.26	23.36	23.35		
20	QPSK	50	24	23.25	23.33	23.34	24	1
20	QPSK	50	50	23.31	23.36	23.32		
20	QPSK	100	0	23.32	23.33	23.30		
20	16QAM	1	0	23.59	23.41	23.58		
20	16QAM	1	49	23.41	23.69	23.54	24	1
20	16QAM	1	99	23.43	23.64	23.68		
20	16QAM	50	0	22.22	22.39	22.39		
20	16QAM	50	24	22.34	22.29	22.34	23	2
20	16QAM	50	50	22.34	22.28	22.31		
20	16QAM	100	0	22.25	22.35	22.32		
20	64QAM	1	0	22.63	22.44	22.40		
20	64QAM	1	49	22.22	22.53	22.11	23	2
20	64QAM	1	99	22.19	22.33	22.57		
20	64QAM	50	0	21.21	21.35	21.39		
20	64QAM	50	24	21.28	21.38	21.33	22	3
20	64QAM	50	50	21.29	21.37	21.42		
20	64QAM	100	0	21.26	21.38	21.39		
20	256QAM	1	0	19.21	19.24	19.22		
20	256QAM	1	49	19.33	19.38	19.30	20	5
20	256QAM	1	99	19.38	19.32	19.10		
20	256QAM	50	0	19.14	19.11	19.13		
20	256QAM	50	24	19.16	19.23	19.21	20	5
20	256QAM	50	50	19.26	19.26	19.13		
20	256QAM	100	0	19.22	19.17	19.16		
				Channel				
				Frequency (MHz)				
15	QPSK	1	0	20400 1717.5 24.35	20525 1732.5 24.53	20650 1747.5 24.48		
15	QPSK	1	37	24.24	24.36	24.03	25	0
15	QPSK	1	74	24.46	24.16	24.13		
15	QPSK	36	0	23.16	23.3	23.32		
15	QPSK	36	20	23.2	23.26	23.29	24	1
15	QPSK	36	39	23.18	23.28	23.25		
15	QPSK	75	0	23.26	23.18	23.32		
15	16QAM	1	0	23.38	23.74	23.35		
15	16QAM	1	37	23.22	23.41	23.61	24	1
15	16QAM	1	74	23.03	23.35	23.57		
15	16QAM	36	0	22.29	22.27	22.32		
15	16QAM	36	20	22.32	22.27	22.28	23	2
15	16QAM	36	39	22.32	22.26	22.24		
15	16QAM	75	0	22.26	22.31	22.3		
15	64QAM	1	0	22.32	22.63	22.38		
15	64QAM	1	37	22.46	22.12	22.38	23	2
15	64QAM	1	74	22.57	22.24	22.25		
15	64QAM	36	0	21.21	21.35	21.38		
15	64QAM	36	20	21.27	21.31	21.36	22	3
15	64QAM	36	39	21.27	21.3	21.36		
15	64QAM	75	0	21.17	21.28	21.28		
15	256QAM	1	0	19.72	19.53	19.60		
15	256QAM	1	37	19.44	19.58	19.72	20	5
15	256QAM	1	74	19.60	19.56	19.43		
15	256QAM	36	0	19.56	19.54	19.74		
15	256QAM	36	20	19.69	19.50	19.58	20	5
15	256QAM	36	39	19.30	19.34	19.67		
15	256QAM	75	0	19.36	19.36	19.63		
				Channel				
				Frequency (MHz)				
10	QPSK	1	0	20400 1715 24.34	20525 1732.5 24.28	20650 1750 24.32		
10	QPSK	1	25	24.27	24.32	24.44	25	0
10	QPSK	1	49	24.29	24.19	24.37		
10	QPSK	25	0	23.23	23.27	23.30		
10	QPSK	25	12	23.24	23.28	23.36		
10	QPSK	25	25	23.20	23.25	23.31	24	1
10	QPSK	50	0	23.22	23.30	23.31		
10	16QAM	1	0	23.15	23.44	23.71		
10	16QAM	1	25	23.23	23.38	23.77	24	1
10	16QAM	1	49	23.57	23.66	23.26		
10	16QAM	25	0	22.36	22.38	22.37		
10	16QAM	25	12	22.22	22.31	22.25	23	2
10	16QAM	25	25	22.27	22.39	22.21		
10	16QAM	50	0	22.28	22.39	22.31		
10	64QAM	1	0	22.29	22.35	22.34		
10	64QAM	1	25	22.50	22.29	22.07	23	2
10	64QAM	1	49	22.27	22.33	22.33		
10	64QAM	25	0	21.34	21.32	21.37		
10	64QAM	25	12	21.28	21.36	21.44	22	3
10	64QAM	25	25	21.30	21.38	21.27		
10	64QAM	50	0	21.41	21.41	21.35		
10	256QAM	1	0	19.34	19.60	19.27		
10	256QAM	1	25	19.31	19.62	19.27	20	5
10	256QAM	1	49	19.45	19.58	19.67		
10	256QAM	25	0	19.62	19.53	19.36		
10	256QAM	25	12	19.22	19.51	19.44	20	5
10	256QAM	25	25	19.73	19.52	19.71		
10	256QAM	50	0	19.35	19.29	19.62		
				Channel				
				Frequency (MHz)				
5	QPSK	1	0	19975 1712.5 24.37	20175 1732.5 24.34	20375 1752.5 24.28		
5	QPSK	1	12	24.37	24.28	24.45	25	0
5	QPSK	1	24	24.20	24.24	24.40		
5	QPSK	12	0	23.30	23.31	23.29		
5	QPSK	12	7	23.28	23.28	23.31	24	1
5	QPSK	12	13	23.23	23.26	23.28		
5	QPSK	25	0	23.26	23.33	23.32		
5	16QAM	1	0	23.28	23.67	23.57		
5	16QAM	1	12	23.17	23.39	23.59	24	1
5	16QAM	1	24	23.27	23.28	23.32		
5	16QAM	12	0	22.36	22.34	22.32		
5	16QAM	12	7	22.33	22.38	22.29	23	2
5	16QAM	12	13	22.21	22.23	22.21		
5	16QAM	25	0	22.27	22.28	22.33		
5	64QAM	1	0	22.59	22.49	22.60		
5	64QAM	1	12	22.18	22.36	22.35	23	2
5	64QAM	1	24	22.22	22.64	22.51		
5	64QAM	12	0	21.40	21.46	21.35		
5	64QAM	12	7	21.37	21.35	21.35	22	3
5	64QAM	12	13	21.21	21.28	21.36		
5	64QAM	25	0	21.31	21.38	21.38		
5	256QAM	1	0	19.46	19.40	19.56		
5	256QAM	1	12	19.75	19.62	19.71	20	5
5	256QAM	1	24	19.60	19.20	19.46		
5	256QAM	12	0	19.32	19.30	19.74		
5	256QAM	12	7	19.72	19.68	19.20	20	5
5	256QAM	12	13	19.35	19.14	19.75		
5	256QAM	25	0	19.51	19.52	19.69		
				Channel				
				Frequency (MHz)				
3	QPSK	1	0	19965 1711.5 24.24	20175 1732.5 24.30	20385 1753.5 24.44		
3	QPSK	1	8	24.38	24.21	24.24	25	0
3	QPSK	1	14	24.46	24.43	24.21		
3	QPSK	8	0	23.37	23.31	23.31		
3	QPSK	8	4	23.25	23.28	23.31	24	1
3	QPSK	8	7	23.24	23.31	23.30		
3	QPSK	15	0	23.32	23.28	23.31		
3	16QAM	1	0	23.76	23.38	23.24		
3	16QAM	1	8	23.55	23.66	23.74	24	1
3	16QAM	1	14	23.47	23.58	23.74		
3	16QAM	8	0	22.41	22.49	22.50		
3	16QAM	8	4	22.35	22.33	22.34	23	2
3	16QAM	8	7	22.40	22.41	22.41		
3	16QAM	15	0	22.27	22.44	22.28		
3	64QAM	1	0	22.60	22.50	22.50		
3	64QAM	1	8	22.31	22.51	22.29	23	2
3	64QAM	1	14	22.57	22.34	22.58		
3	64QAM	8	0	21.57	21.44	21.36		
3	64QAM	8	4	21.34	21.33	21.32	22	3
3	64QAM	8	7	21.45	21.28	21.52		
3	64QAM	15	0	21.43	21.27	21.37		
3	256QAM	1	0	19.22	19.34	19.69		
3	256QAM	1	8	19.44	19.37	19.66	20	5
3	256QAM	1	14	19.41	19.33	19.65		
3	256QAM	8	0	19.23	19.59	19.23		
3	256QAM	8	4	19.32	19.25	19.40	20	5
3	256QAM	8	7	19.67	19.73	19.31		
3	256QAM	15	0	19.54	19.75	19.46		
				Channel				
				Frequency (MHz)				
1.4	QPSK	1	0	19925 1710.7 24.13	20175 1732.5 24.12	20393 1754.3 24.38		
1.4	QPSK	1	3	24.51	24.36	24.12		
1.4	QPSK	1	5	24.07	24.09	24.46	25	0
1.4	QPSK	3	0	24.32	24.31	24.22		
1.4	QPSK	3	1	24.15	24.16	24.35		
1.4	QPSK	3	3	24.25	24.15	24.24		
1.4	QPSK	6	0	23.32	23.25	23.32	24	1
1.4	16QAM	1	0	23.54	23.60	23.06		
1.4	16QAM	1	3	23.67	23.79	23.32		
1.4	16QAM	1	5	23.28	23.32	23.28	24	1
1.4	16QAM	3	0	23.31	23.34	23.30		
1.4	16QAM	3	1	23.33	23.35	23.30		
1.4	16QAM	3	3	23.32	23.34	23.11		
1.4	16QAM	6	0	22.31	22.44	22.31	23	2
1.4	64QAM	1	0	22.28	22.35	22.51		
1.4	64QAM	1	3	22.52	22.33	22.53		
1.4	64QAM	1	5	22.47	22.59	22.23	23	2
1.4	64QAM	3	0	22.48	22.49	22.47		
1.4	64QAM	3	1	22.40	22.45	22.39		
1.4	64QAM	3	3	22.44	22.35	22.39		
1.4	64QAM	6	0	21.21	21.43	21.45	22	3
1.4	256QAM	1	0	19.69	19.42	19.36		
1.4	256QAM	1	3	19.74	19.60	19.41		
1.4	256QAM	1	5	19.73	19.27	19.62	20	5
1.4	256QAM	3	0	19.42	19.51	19.30		
1.4	256QAM	3	1	19.41	19.68	19.56		
1.4	256QAM	3	3	19.20	19.75	19.38		
1.4	256QAM	6	0	19.68	19.42	19.53	20	5

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)	MPR (dB)
				Channel				
				Frequency (MHz)				
10	QPSK	1	0	20450 823 24.70	20525 836.5 25.05	20600 844 24.65		
10	QPSK	1	25	24.76	24.88	24.70	25.7	0
10	QPSK	1	49	24.80	24.83	24.80		
10	QPSK	25	0	23.74	23.95	23.66		
10	QPSK	25	12	23.82	23.83	23.61	24.7	1
10	QPSK	25	25	23.85	23.92	23.60		
10	QPSK	50	0	23.82	23.92	23.69		
10	16QAM	1	0	23.84	24.22	24.12		
10	16QAM	1	25	23.94	24.27	24.02	24.7	1
10	16QAM	1	49	24.06	24.26	24.05		
10	16QAM	25	0	22.75	22.88	22.61		
10	16QAM	25	12	22.78	22.89	22.62	23.7	2
10	16QAM	25	25	22.74	22.88	22.53		
10	16QAM	50	0	22.80	22.87	22.61		
10	64QAM	1

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.74	22.08	21.92	23	0
20	QPSK	1	49	21.72	21.89	21.87		
20	QPSK	1	99	21.74	21.77	21.80		
20	QPSK	50	0	20.85	21.10	20.84	22	1
20	QPSK	50	24	20.80	20.97	20.75		
20	QPSK	50	50	20.79	20.87	20.71		
20	QPSK	100	0	20.81	20.93	20.83		
20	16QAM	1	0	20.83	21.02	21.32	22	1
20	16QAM	1	49	20.87	21.10	21.29		
20	16QAM	1	99	20.97	21.13	20.67		
20	16QAM	50	0	19.66	19.92	19.85	21	2
20	16QAM	50	24	19.73	19.92	19.89		
20	16QAM	50	50	19.81	20.04	19.79		
20	16QAM	100	0	19.74	19.96	19.77		
20	64QAM	1	0	19.97	20.15	19.57	21	2
20	64QAM	1	49	19.99	20.22	20.05		
20	64QAM	1	99	20.08	20.26	19.77		
20	64QAM	50	0	18.74	18.92	18.86	20	3
20	64QAM	50	24	18.81	18.98	18.90		
20	64QAM	50	50	18.85	19.01	18.83		
20	64QAM	100	0	18.79	18.95	18.81		
20	256QAM	1	0	17.25	17.19	17.18	18	5
20	256QAM	1	49	17.21	17.17	17.20		
20	256QAM	1	99	17.13	17.07	17.14		
20	256QAM	50	0	17.07	17.06	17.10	18	5
20	256QAM	50	24	17.16	17.07	17.11		
20	256QAM	50	50	17.10	17.04	17.03		
20	256QAM	100	0	17.10	17.05	17.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.85	21.96	21.97	23	0
15	QPSK	1	37	21.87	22.04	21.92		
15	QPSK	1	74	21.94	22.05	21.97		
15	QPSK	36	0	20.68	20.81	20.83	22	1
15	QPSK	36	20	20.70	20.88	20.84		
15	QPSK	36	39	20.72	20.93	20.79		
15	QPSK	75	0	20.74	20.89	20.83		
15	16QAM	1	0	21.27	21.09	21.11	22	1
15	16QAM	1	37	21.28	21.19	21.11		
15	16QAM	1	74	21.35	21.15	21.34		
15	16QAM	36	0	19.80	19.88	19.82	21	2
15	16QAM	36	20	19.81	19.94	19.82		
15	16QAM	36	39	19.75	19.92	19.79		
15	16QAM	75	0	19.81	19.99	19.79		
15	64QAM	1	0	19.52	19.92	19.86	21	2
15	64QAM	1	37	19.55	20.05	20.00		
15	64QAM	1	74	19.63	20.02	19.52		
15	64QAM	36	0	18.86	18.94	18.88	20	3
15	64QAM	36	20	18.83	18.90	18.84		
15	64QAM	36	39	18.88	19.03	18.86		
15	64QAM	75	0	18.72	18.89	18.80		
15	256QAM	1	0	17.02	17.28	16.94	18	5
15	256QAM	1	37	17.09	17.25	17.26		
15	256QAM	1	74	17.02	17.12	17.27		
15	256QAM	36	0	17.03	17.24	17.03	18	5
15	256QAM	36	20	17.00	17.02	16.96		
15	256QAM	36	39	17.17	16.92	17.19		
15	256QAM	75	0	16.90	17.13	17.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.63	21.93	21.81	23	0
10	QPSK	1	25	21.73	22.02	21.86		
10	QPSK	1	49	21.65	22.07	21.87		
10	QPSK	25	0	20.71	20.88	20.85	22	1
10	QPSK	25	12	20.76	20.88	20.82		
10	QPSK	25	25	20.73	20.95	20.51		
10	QPSK	50	0	20.78	20.98	20.84		
10	16QAM	1	0	20.93	21.31	21.35	22	1
10	16QAM	1	25	20.95	21.40	21.26		
10	16QAM	1	49	21.12	21.43	21.45		
10	16QAM	25	0	19.62	19.88	19.81	21	2
10	16QAM	25	12	19.68	19.82	19.82		
10	16QAM	25	25	19.71	19.90	19.68		
10	16QAM	50	0	19.66	19.86	19.80		
10	64QAM	1	0	20.00	20.20	19.96	21	2
10	64QAM	1	25	20.07	20.27	19.93		
10	64QAM	1	49	20.07	20.30	19.95		
10	64QAM	25	0	18.69	18.90	18.88	20	3
10	64QAM	25	12	18.73	18.97	18.88		
10	64QAM	25	25	18.72	18.96	18.77		
10	64QAM	50	0	18.74	18.92	18.79		
10	256QAM	1	0	17.23	17.34	17.33	18	5
10	256QAM	1	25	17.17	17.04	17.14		
10	256QAM	1	49	17.09	17.24	17.20		
10	256QAM	25	0	17.12	17.25	17.34	18	5
10	256QAM	25	12	17.19	17.35	17.31		
10	256QAM	25	25	17.19	16.95	16.92		
10	256QAM	50	0	17.32	17.26	17.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.82	22.06	21.77	23	0
5	QPSK	1	12	21.88	22.00	21.59		
5	QPSK	1	24	21.83	22.07	22.04		
5	QPSK	12	0	20.73	20.89	20.82	22	1
5	QPSK	12	7	20.72	20.90	20.73		
5	QPSK	12	13	20.81	20.91	20.47		
5	QPSK	25	0	20.71	20.95	20.65		
5	16QAM	1	0	20.82	21.13	20.66	22	1
5	16QAM	1	12	20.85	21.14	20.71		
5	16QAM	1	24	20.83	20.91	20.81		
5	16QAM	12	0	19.80	19.98	19.81	21	2
5	16QAM	12	7	19.79	20.01	19.88		
5	16QAM	12	13	19.83	19.97	19.59		
5	16QAM	25	0	19.82	19.93	19.80		
5	64QAM	1	0	19.95	20.27	19.80	21	2
5	64QAM	1	12	20.02	20.29	19.73		
5	64QAM	1	24	20.01	20.28	19.88		
5	64QAM	12	0	18.75	19.06	18.79	20	3
5	64QAM	12	7	18.86	19.04	18.82		
5	64QAM	12	13	18.86	19.01	18.81		
5	64QAM	25	0	18.79	18.90	18.82		
5	256QAM	1	0	16.98	16.97	17.09	18	5
5	256QAM	1	12	17.11	17.14	17.05		
5	256QAM	1	24	17.14	16.92	17.11		
5	256QAM	12	0	17.26	17.04	16.98	18	5
5	256QAM	12	7	17.10	17.30	17.11		
5	256QAM	12	13	17.06	17.08	17.24		
5	256QAM	25	0	17.23	17.19	17.21		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.03	24.19	24.11	25	0
20	QPSK	1	49	23.85	24.07	24.04		
20	QPSK	1	99	23.80	23.97	23.97		
20	QPSK	50	0	23.10	23.18	23.14	24	1
20	QPSK	50	24	22.97	23.10	23.07		
20	QPSK	50	50	22.94	23.06	23.05		
20	QPSK	100	0	22.99	23.15	23.13		
20	16QAM	1	0	23.18	23.01	23.15	24	1
20	16QAM	1	49	23.28	23.27	23.31		
20	16QAM	1	99	23.30	23.35	23.16		
20	16QAM	50	0	21.69	22.05	22.05	23	2
20	16QAM	50	24	21.89	22.12	22.10		
20	16QAM	50	50	22.01	22.19	22.17		
20	16QAM	100	0	21.76	22.12	22.02		
20	64QAM	1	0	21.51	21.96	22.00	23	2
20	64QAM	1	49	21.53	22.10	22.08		
20	64QAM	1	99	21.70	22.17	21.88		
20	64QAM	50	0	20.76	21.01	21.08	22	3
20	64QAM	50	24	20.81	21.07	21.13		
20	64QAM	50	50	20.97	21.24	21.12		
20	64QAM	100	0	20.76	21.07	21.08		
20	256QAM	1	0	19.23	19.14	19.25	20	5
20	256QAM	1	49	19.28	19.10	19.10		
20	256QAM	1	99	19.18	19.03	19.14		
20	256QAM	50	0	19.04	19.05	19.10	20	5
20	256QAM	50	24	19.09	19.04	19.01		
20	256QAM	50	50	19.17	19.09	19.06		
20	256QAM	100	0	19.09	19.01	19.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.96	24.04	23.95	25	0
15	QPSK	1	37	23.96	24.11	24.07		
15	QPSK	1	74	24.05	24.18	24.10		
15	QPSK	36	0	22.67	22.96	23.01	24	1
15	QPSK	36	20	22.76	23.04	23.09		
15	QPSK	36	39	22.81	23.13	23.13		
15	QPSK	75	0	22.73	23.02	23.05		
15	16QAM	1	0	23.03	23.40	23.08	24	1
15	16QAM	1	37	23.13	23.56	23.23		
15	16QAM	1	74	23.13	23.58	23.17		
15	16QAM	36	0	21.78	21.97	22.13	23	2
15	16QAM	36	20	21.77	22.04	22.07		
15	16QAM	36	39	21.76	22.14	22.14		
15	16QAM	75	0	21.70	21.97	21.99		
15	64QAM	1	0	21.81	22.07	22.22	23	2
15	64QAM	1	37	21.89	22.22	22.32		
15	64QAM	1	74	21.90	22.22	22.01		
15	64QAM	36	0	20.77	21.00	21.07	22	3
15	64QAM	36	20	20.83	21.08	21.12		
15	64QAM	36	39	20.82	21.19	21.15		
15	64QAM	75	0	20.80	20.98	21.07		
15	256QAM	1	0	19.34	19.28	18.93	20	5
15	256QAM	1	37	19.15	19.18	19.25		
15	256QAM	1	74	19.00	19.09	19.00		
15	256QAM	36	0	19.17	19.16	19.23	20	5
15	256QAM	36	20	19.05	19.05	19.00		
15	256QAM	36	39	19.45	19.41	19.35		
15	256QAM	75	0	19.24	18.94	19.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.64	23.94	24.13	25	0
10	QPSK	1	25	23.69	24.04	23.99		
10	QPSK	1	49	23.65	23.99	24.05		
10	QPSK	25	0	22.70	22.90	23.10	24	1
10	QPSK	25	12	22.68	23.00	23.17		
10	QPSK	25	25	22.78	23.10	22.79		
10	QPSK	50	0	22.79	23.07	23.06		
10	16QAM	1	0	23.13	23.07	23.41	24	1
10	16QAM	1	25	23.17	23.52	23.43		
10	16QAM	1	49	23.02	23.23	23.20		
10	16QAM	25	0	21.59	21.84	22.07	23	2
10	16QAM	25	12	21.67	21.97	22.16		
10	16QAM	25	25	21.74	22.02	22.00		
10	16QAM	50	0	21.70	22.02	22.03		
10	64QAM	1	0	21.88	22.19	22.26	23	2
10	64QAM	1	25	21.92	22.20	22.30		
10	64QAM	1	49	21.93	22.29	21.84		
10	64QAM	25	0	20.69	21.08	21.11	22	3
10	64QAM	25	12	20.74	21.11	21.12		
10	64QAM	25	25	20.79	21.16	21.18		
10	64QAM	50	0	20.77	21.02	21.05		
10	256QAM	1	0	18.94	19.10	18.98	20	5
10	256QAM	1	25	19.16	19.01	19.04		
10	256QAM	1	49	19.42	18.99	19.40		
10	256QAM	25	0	19.32	19.45	19.11	20	5
10	256QAM	25	12	19.02	19.16	19.09		
10	256QAM	25	25	19.12	19.45	18.99		
10	256QAM	50	0	19.33	19.41	18.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.73	24.04	23.88	25	0
5	QPSK	1	12	23.83	24.05	23.48		
5	QPSK	1	24	23.86	24.09	23.89		
5	QPSK	12	0	22.67	22.95	23.01	24	1
5	QPSK	12	7	22.68	23.00	22.77		
5	QPSK	12	13	22.75	23.04	22.52		
5	QPSK	25	0	22.67	23.00	22.68		
5	16QAM	1	0	23.08	23.17	23.13	24	1
5	16QAM	1	12	23.15	23.27	22.89		
5	16QAM	1	24	22.88	23.30	22.91		
5	16QAM	12	0	21.61	21.96	22.02	23	2
5	16QAM	12	7	21.68	22.05	21.93		
5	16QAM	12	13	21.72	22.01	21.68		
5	16QAM	25	0	21.75	22.10	21.87		
5	64QAM	1	0	21.67	22.12	22.09	23	2
5	64QAM	1	12	21.75	22.17	22.11		
5	64QAM	1	24	21.76	22.13	21.52		
5	64QAM	12	0	20.74	21.06	21.08	22	3
5	64QAM	12	7	20.74	21.07	21.15		
5	64QAM	12	13	20.79	21.08	21.12		
5	64QAM	25	0	20.73	21.06	21.08		
5	256QAM	1	0	19.11	19.06	19.24	20	5
5	256QAM	1	12	18.90	19.34	19.29		
5	256QAM	1	24	19.01	19.11	19.37		
5	256QAM	12	0	18.97	19.38	19.43	20	5
5	256QAM	12	7	18.97	19.17	19.09		
5	256QAM	12	13	18.94	19.27	19.45		
5	256QAM	25	0	19.07	19.34	19.06		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.40	24.62	24.37	25.7	0
20	QPSK	1	49	24.27	24.54	24.51		
20	QPSK	1	99	24.26	24.42	24.15		
20	QPSK	50	0	23.38	23.66	23.59	24.7	1
20	QPSK	50	24	23.27	23.54	23.61		
20	QPSK	50	50	23.15	23.41	23.47		
20	QPSK	100	0	23.26	23.58	23.56		
20	16QAM	1	0	23.38	23.50	23.52	24.7	1
20	16QAM	1	49	23.42	23.69	23.70		
20	16QAM	1	99	23.55	23.77	23.84		
20	16QAM	50	0	22.16	22.41	22.46	23.7	2
20	16QAM	50	24	22.23	22.52	22.57		
20	16QAM	50	50	22.37	22.63	22.60		
20	16QAM	100	0	22.24	22.49	22.46		
20	64QAM	1	0	22.37	22.51	22.50	23.7	2
20	64QAM	1	49	22.41	22.68	22.65		
20	64QAM	1	99	22.48	22.72	22.15		
20	64QAM	50	0	21.18	21.45	21.47	22.7	3
20	64QAM	50	24	21.25	21.52	21.54		
20	64QAM	50	50	21.36	21.68	21.65		
20	64QAM	100	0	21.26	21.51	21.57		
20	256QAM	1	0	19.44	19.52	19.65	20.7	5
20	256QAM	1	49	19.74	19.49	19.28		
20	256QAM	1	99	19.41	19.75	19.73		
20	256QAM	50	0	19.46	19.41	19.22	20.7	5
20	256QAM	50	24	19.56	19.59	19.60		
20	256QAM	50	50	19.57	19.24	19.36		
20	256QAM	100	0	19.67	19.51	19.45		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.25	24.48	24.09	25.7	0
15	QPSK	1	37	24.25	24.58	24.56		
15	QPSK	1	74	24.37	24.61	24.18		
15	QPSK	36	0	23.19	23.44	23.45	24.7	1
15	QPSK	36	20	23.20	23.51	23.60		
15	QPSK	36	39	23.29	23.58	23.39		
15	QPSK	75	0	23.27	23.54	23.52		
15	16QAM	1	0	23.36	23.64	23.47	24.7	1
15	16QAM	1	37	23.39	23.76	23.78		
15	16QAM	1	74	23.48	23.79	23.68		
15	16QAM	36	0	22.22	22.42	22.50	23.7	2
15	16QAM	36	20	22.22	22.45	22.55		
15	16QAM	36	39	22.33	22.58	22.57		
15	16QAM	75	0	22.22	22.46	22.51		
15	64QAM	1	0	22.36	22.60	22.49	23.7	2
15	64QAM	1	37	22.38	22.71	22.72		
15	64QAM	1	74	22.48	22.72	22.57		
15	64QAM	36	0	21.22	21.44	21.49	22.7	3
15	64QAM	36	20	21.29	21.55	21.57		
15	64QAM	36	39	21.35	21.61	21.61		
15	64QAM	75	0	21.22	21.48	21.52		
15	256QAM	1	0	19.54	19.40	19.45	20.7	5
15	256QAM	1	37	19.26	19.57	19.57		
15	256QAM	1	74	19.59	19.26	19.54		
15	256QAM	36	0	19.63	19.31	19.20	20.7	5
15	256QAM	36	20	19.40	19.37	19.31		
15	256QAM	36	39	19.75	19.64	19.39		
15	256QAM	75	0	19.74	19.34	19.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.18	24.45	24.51	25.7	0
10	QPSK	1	25	24.24	24.50	24.24		
10	QPSK	1	49	24.23	24.51	24.07		
10	QPSK	25	0	23.15	23.37	23.53	24.7	1
10	QPSK	25	12	23.22	23.43	23.42		
10	QPSK	25	25	23.26	23.55	23.03		
10	QPSK	50	0	23.25	23.49	23.44		
10	16QAM	1	0	23.33	23.61	23.64	24.7	1
10	16QAM	1	25	23.38	23.72	23.66		
10	16QAM	1	49	23.38	23.72	23.50		
10	16QAM	25	0	22.16	22.36	22.48	23.7	2
10	16QAM	25	12	22.23	22.45	22.58		
10	16QAM	25	25	22.31	22.50	22.17		
10	16QAM	50	0	22.19	22.46	22.51		
10	64QAM	1	0	22.31	22.58	22.62	23.7	2
10	64QAM	1	25	22.35	22.66	22.61		
10	64QAM	1	49	22.29	22.69	22.61		
10	64QAM	25	0	21.17	21.44	21.50	22.7	3
10	64QAM	25	12	21.25	21.51	21.60		
10	64QAM	25	25	21.30	21.61	21.57		
10	64QAM	50	0	21.26	21.50	21.54		
10	256QAM	1	0	19.36	19.55	19.47	20.7	5
10	256QAM	1	25	19.51	19.45	19.36		
10	256QAM	1	49	19.75	19.37	19.39		
10	256QAM	25	0	19.44	19.29	19.66	20.7	5
10	256QAM	25	12	19.43	19.51	19.27		
10	256QAM	25	25	19.67	19.23	19.67		
10	256QAM	50	0	19.52	19.31	19.74		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.18	24.54	24.19	25.7	0
5	QPSK	1	12	24.22	24.54	24.09		
5	QPSK	1	24	24.24	24.54	24.08		
5	QPSK	12	0	23.15	23.37	23.23	24.7	1
5	QPSK	12	7	23.17	23.47	23.03		
5	QPSK	12	13	23.20	23.48	23.02		
5	QPSK	25	0	23.16	23.40	23.05		
5	16QAM	1	0	23.33	23.70	23.66	24.7	1
5	16QAM	1	12	23.37	23.74	23.13		
5	16QAM	1	24	23.44	23.72	23.46		
5	16QAM	12	0	22.16	22.43	22.46	23.7	2
5	16QAM	12	7	22.17	22.44	22.19		
5	16QAM	12	13	22.16	22.48	22.01		
5	16QAM	25	0	22.16	22.48	22.08		
5	64QAM	1	0	22.29	22.64	22.62	23.7	2
5	64QAM	1	12	22.31	22.65	22.38		
5	64QAM	1	24	22.32	22.64	22.59		
5	64QAM	12	0	21.17	21.48	21.60	22.7	3
5	64QAM	12	7	21.22	21.49	21.62		
5	64QAM	12	13	21.21	21.51	21.33		
5	64QAM	25	0	21.20	21.48	21.46		
5	256QAM	1	0	19.37	19.66	19.72	20.7	5
5	256QAM	1	12	19.58	19.44	19.55		
5	256QAM	1	24	19.65	19.75	19.75		
5	256QAM	12	0	19.46	19.24	19.42	20.7	5
5	256QAM	12	7	19.73	19.57	19.57		
5	256QAM	12	13	19.23	19.47	19.37		
5	256QAM	25	0	19.20	19.62	19.66		

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.58	22.91	22.89	24.5	0
20	QPSK	1	49	22.55	22.86	22.81		
20	QPSK	1	99	22.51	22.79	22.76		
20	QPSK	50	0	21.76	21.94	21.86	23.5	1
20	QPSK	50	24	21.62	21.85	21.83		
20	QPSK	50	50	21.55	21.80	21.75		
20	QPSK	100	0	21.65	21.85	21.83		
20	16QAM	1	0	21.83	22.20	22.25	23.5	1
20	16QAM	1	49	21.52	22.37	22.10		
20	16QAM	1	99	22.21	22.33	22.11		
20	16QAM	50	0	20.59	20.74	20.84	22.5	2
20	16QAM	50	24	20.67	20.83	20.79		
20	16QAM	50	50	20.69	20.93	20.86		
20	16QAM	100	0	20.56	20.74	20.80		
20	64QAM	1	0	20.58	20.93	21.08	22.5	2
20	64QAM	1	49	20.80	21.07	21.05		
20	64QAM	1	99	20.78	21.14	20.85		
20	64QAM	50	0	19.61	19.70	19.74	21.5	3
20	64QAM	50	24	19.62	19.78	19.77		
20	64QAM	50	50	19.73	19.93	19.87		
20	64QAM	100	0	19.62	19.81	19.83		
20	256QAM	1	0	17.88	17.91	18.25	19.5	5
20	256QAM	1	49	17.80	17.94	18.33		
20	256QAM	1	99	17.72	18.02	18.30		
20	256QAM	50	0	17.70	17.94	18.27	19.5	5
20	256QAM	50	24	17.74	17.85	18.21		
20	256QAM	50	50	17.76	17.91	18.22		
20	256QAM	100	0	17.70	17.87	18.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.78	22.90	22.72	24.5	0
15	QPSK	1	37	22.73	22.67	22.81		
15	QPSK	1	74	22.53	22.84	22.59		
15	QPSK	36	0	21.57	21.67	21.75	23.5	1
15	QPSK	36	20	21.58	21.77	21.83		
15	QPSK	36	39	21.61	21.83	21.83		
15	QPSK	75	0	21.59	21.79	21.75		
15	16QAM	1	0	22.04	22.21	21.91	23.5	1
15	16QAM	1	37	21.73	22.23	22.08		
15	16QAM	1	74	21.86	22.35	21.93		
15	16QAM	36	0	20.57	20.63	20.78	22.5	2
15	16QAM	36	20	20.52	20.67	20.81		
15	16QAM	36	39	20.61	20.90	20.88		
15	16QAM	75	0	20.51	20.75	20.81		
15	64QAM	1	0	20.82	20.92	20.68	22.5	2
15	64QAM	1	37	20.78	21.09	21.02		
15	64QAM	1	74	20.53	21.15	20.82		
15	64QAM	36	0	19.67	19.70	19.81	21.5	3
15	64QAM	36	20	19.58	19.82	19.87		
15	64QAM	36	39	19.68	19.87	19.86		
15	64QAM	75	0	19.58	19.76	19.82		
15	256QAM	1	0	17.68	17.73	17.63	19.5	5
15	256QAM	1	37	17.58	17.86	17.73		
15	256QAM	1	74	17.70	17.58	17.74		
15	256QAM	36	0	17.68	17.74	17.79	19.5	5
15	256QAM	36	20	17.69	17.82	17.65		
15	256QAM	36	39	17.58	17.85	17.92		
15	256QAM	75	0	17.89	17.61	17.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.58	22.77	22.76	24.5	0
10	QPSK	1	25	22.66	22.89	22.80		
10	QPSK	1	49	22.63	22.85	22.58		
10	QPSK	25	0	21.53	21.73	21.84	23.5	1
10	QPSK	25	12	21.51	21.79	21.87		
10	QPSK	25	25	21.57	21.83	21.81		
10	QPSK	50	0	21.55	21.74	21.84		
10	16QAM	1	0	21.85	22.22	22.25	23.5	1
10	16QAM	1	25	21.56	21.93	22.27		
10	16QAM	1	49	21.59	22.00	21.59		
10	16QAM	25	0	20.53	20.69	20.82	22.5	2
10	16QAM	25	12	20.53	20.66	20.91		
10	16QAM	25	25	20.59	20.85	20.85		
10	16QAM	50	0	20.57	20.73	20.76		
10	64QAM	1	0	20.80	20.58	21.10	22.5	2
10	64QAM	1	25	20.79	21.16	20.60		
10	64QAM	1	49	20.79	20.52	20.62		
10	64QAM	25	0	19.57	19.71	19.91	21.5	3
10	64QAM	25	12	19.54	19.73	19.84		
10	64QAM	25	25	19.62	19.73	19.73		
10	64QAM	50	0	19.56	19.78	19.81		
10	256QAM	1	0	17.88	17.78	17.60	19.5	5
10	256QAM	1	25	17.77	17.79	17.67		
10	256QAM	1	49	17.85	17.62	17.58		
10	256QAM	25	0	17.93	17.67	17.73	19.5	5
10	256QAM	25	12	17.61	17.83	17.88		
10	256QAM	25	25	17.59	17.78	17.75		
10	256QAM	50	0	17.61	17.74	17.86		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.59	22.89	22.76	24.5	0
5	QPSK	1	12	22.55	22.87	22.56		
5	QPSK	1	24	22.54	22.87	22.53		
5	QPSK	12	0	21.50	21.74	21.82	23.5	1
5	QPSK	12	7	21.54	21.77	21.82		
5	QPSK	12	13	21.55	21.74	21.61		
5	QPSK	25	0	21.55	21.78	21.73		
5	16QAM	1	0	21.57	22.34	22.01	23.5	1
5	16QAM	1	12	21.71	22.07	21.75		
5	16QAM	1	24	21.63	22.00	21.79		
5	16QAM	12	0	20.53	20.63	20.78	22.5	2
5	16QAM	12	7	20.53	20.72	20.77		
5	16QAM	12	13	20.60	20.62	20.84		
5	16QAM	25	0	20.51	20.80	20.84		
5	64QAM	1	0	20.57	21.16	20.56	22.5	2
5	64QAM	1	12	20.68	20.96	21.01		
5	64QAM	1	24	20.52	20.82	20.87		
5	64QAM	12	0	19.50	19.74	19.93	21.5	3
5	64QAM	12	7	19.50	19.90	19.90		
5	64QAM	12	13	19.51	19.74	19.86		
5	64QAM	25	0	19.50	19.81	19.82		
5	256QAM	1	0	17.88	17.83	17.84	19.5	5
5	256QAM	1	12	17.77	17.95	17.79		
5	256QAM	1	24	17.72	17.61	17.88		
5	256QAM	12	0	17.80	17.66	17.81	19.5	5
5	256QAM	12	7	17.91	17.68	17.73		
5	256QAM	12	13	17.76	17.66	17.65		
5	256QAM	25	0	17.85	17.89	17.59		

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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				23060	23095	23130		
				704	707.5	711		
10	QPSK	1	0	25.01	25.15	25.05	25.7	0
10	QPSK	1	25	24.97	25.14	25.00		
10	QPSK	1	49	25.00	25.13	25.02		
10	QPSK	25	0	23.96	24.12	24.07	24.7	1
10	QPSK	25	12	24.03	24.10	23.94		
10	QPSK	25	25	23.98	24.08	24.02		
10	QPSK	50	0	23.96	24.06	24.04		
10	16QAM	1	0	24.06	24.45	24.02	24.7	1
10	16QAM	1	25	24.06	24.42	24.15		
10	16QAM	1	49	24.12	24.55	24.18		
10	16QAM	25	0	22.82	22.98	23.02	23.7	2
10	16QAM	25	12	22.93	22.92	23.14		
10	16QAM	25	25	22.93	22.96	23.06		
10	16QAM	50	0	22.98	23.04	22.97		
10	64QAM	1	0	23.16	23.15	23.23	23.7	2
10	64QAM	25	0	23.23	23.37	23.40		
10	64QAM	1	49	23.35	23.46	23.34		
10	64QAM	25	0	21.88	22.02	22.05	22.7	3
10	64QAM	25	12	21.99	22.06	22.14		
10	64QAM	25	25	22.00	22.07	22.11		
10	64QAM	50	0	22.02	22.04	22.04		
10	256QAM	1	0	20.09	20.20	20.20	20.7	5
10	256QAM	1	25	20.25	20.19	20.26		
10	256QAM	1	49	20.17	20.18	20.18		
10	256QAM	25	0	20.01	20.09	20.13	20.7	5
10	256QAM	25	12	20.08	20.08	20.08		
10	256QAM	25	25	20.06	19.99	20.00		
10	256QAM	50	0	20.08	20.08	20.11		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23330	23095	23155		
				Frequency (MHz)				
				701.5	707.5	713.5		
5	QPSK	1	0	25.03	25.13	24.96	25.7	0
5	QPSK	1	12	25.06	25.14	25.05		
5	QPSK	1	24	25.10	25.08	25.11		
5	QPSK	12	0	23.94	24.06	23.99	24.7	1
5	QPSK	12	7	23.93	24.01	24.05		
5	QPSK	12	13	24.00	23.99	23.93		
5	QPSK	25	0	23.99	23.94	24.00		
5	16QAM	1	0	24.39	24.20	24.29	24.7	1
5	16QAM	1	12	24.43	24.24	24.18		
5	16QAM	1	24	24.49	24.28	24.33		
5	16QAM	12	0	22.95	23.07	23.01	23.7	2
5	16QAM	12	7	22.91	23.05	23.04		
5	16QAM	12	13	22.99	22.94	22.99		
5	16QAM	25	0	22.98	23.06	23.17		
5	64QAM	1	0	22.71	23.02	23.07	23.7	2
5	64QAM	1	12	22.75	23.09	23.02		
5	64QAM	1	24	22.78	23.11	23.11		
5	64QAM	12	0	21.99	22.02	21.98	22.7	3
5	64QAM	12	7	21.96	21.98	21.99		
5	64QAM	12	13	21.97	21.94	21.88		
5	64QAM	25	0	21.98	22.03	21.96		
5	256QAM	1	0	19.98	20.00	19.92	20.7	5
5	256QAM	1	12	20.10	20.02	20.12		
5	256QAM	1	24	20.11	20.02	20.07		
5	256QAM	12	0	20.04	19.95	19.97	20.7	5
5	256QAM	12	7	20.03	20.06	20.12		
5	256QAM	12	13	19.91	20.06	20.02		
5	256QAM	25	0	19.92	20.05	19.91		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23021	23095	23169		
				Frequency (MHz)				
				700.5	707.5	714.5		
3	QPSK	1	0	24.82	25.05	25.05	25.7	0
3	QPSK	1	8	24.92	25.10	25.07		
3	QPSK	1	14	25.04	25.07	25.07		
3	QPSK	8	0	23.94	23.98	24.00	24.7	1
3	QPSK	8	4	23.92	23.97	23.99		
3	QPSK	8	7	23.97	24.02	24.02		
3	QPSK	15	0	23.96	23.93	23.97		
3	16QAM	1	0	24.24	24.40	24.43	24.7	1
3	16QAM	1	8	24.33	24.35	24.51		
3	16QAM	1	14	24.29	24.31	24.51		
3	16QAM	8	0	22.93	22.99	23.11	23.7	2
3	16QAM	8	4	23.00	23.04	23.03		
3	16QAM	8	7	23.05	23.06	23.10		
3	16QAM	15	0	22.90	22.85	23.02		
3	64QAM	1	0	23.20	23.28	23.09	23.7	2
3	64QAM	1	8	23.18	23.31	23.13		
3	64QAM	1	14	23.27	23.31	23.07		
3	64QAM	8	0	21.95	21.95	22.06	22.7	3
3	64QAM	8	4	21.96	21.97	21.99		
3	64QAM	8	7	22.03	22.01	21.95		
3	64QAM	15	0	22.07	22.01	21.99		
3	256QAM	1	0	19.90	19.97	19.98	20.7	5
3	256QAM	1	8	19.95	20.04	19.93		
3	256QAM	1	14	20.07	19.99	19.93		
3	256QAM	8	0	19.92	19.97	20.05	20.7	5
3	256QAM	8	4	20.15	19.90	20.08		
3	256QAM	8	7	20.02	20.03	20.04		
3	256QAM	15	0	19.98	19.98	20.12		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23017	23095	23173		
				Frequency (MHz)				
				699.7	707.5	715.3		
1.4	QPSK	1	0	24.86	24.88	24.85	25.7	0
1.4	QPSK	1	3	24.83	24.90	24.85		
1.4	QPSK	1	5	24.87	24.99	24.83		
1.4	QPSK	3	0	24.91	24.97	24.96		
1.4	QPSK	3	2	24.93	24.99	24.95		
1.4	QPSK	3	3	24.93	24.93	25.06		
1.4	QPSK	6	0	23.89	24.01	24.06	24.7	1
1.4	16QAM	1	0	23.98	24.07	23.84	24.7	1
1.4	16QAM	1	3	24.03	24.13	23.84		
1.4	16QAM	1	5	24.06	24.07	23.83		
1.4	16QAM	3	0	23.97	24.11	24.05		
1.4	16QAM	3	1	23.97	24.06	23.95		
1.4	16QAM	3	3	23.99	23.98	24.05		
1.4	16QAM	6	0	22.86	23.06	22.99	23.7	2
1.4	64QAM	1	0	23.15	23.26	23.29	23.7	2
1.4	64QAM	1	3	23.13	23.30	23.29		
1.4	64QAM	1	5	23.15	23.28	23.29		
1.4	64QAM	3	0	23.02	23.15	22.99		
1.4	64QAM	3	1	23.06	23.21	23.22		
1.4	64QAM	3	3	22.97	23.14	23.28		
1.4	64QAM	6	0	21.94	21.97	21.92	22.7	3
1.4	256QAM	1	0	19.94	19.95	20.09	20.7	5
1.4	256QAM	1	3	20.03	19.99	20.15		
1.4	256QAM	1	5	20.06	19.92	19.93		
1.4	256QAM	3	0	20.12	20.04	20.10		
1.4	256QAM	3	1	20.13	20.05	20.10		
1.4	256QAM	3	3	19.99	20.09	20.10		
1.4	256QAM	6	0	20.07	19.94	20.06	20.7	5

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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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				23060	23095	23130		
				704	707.5	711		
10	QPSK	1	0	24.61	24.69	24.59	25.2	0
10	QPSK	1	25	24.60	24.57	24.58		
10	QPSK	1	49	24.56	24.61	24.53		
10	QPSK	25	0	24.13	24.17	24.16	24.7	0.5
10	QPSK	25	12	24.11	24.09	24.15		
10	QPSK	25	25	24.12	24.14	24.13		
10	QPSK	50	0	24.03	24.05	24.04		
10	16QAM	1	0	24.02	24.14	24.22	24.7	0.5
10	16QAM	1	25	24.38	24.01	24.11		
10	16QAM	1	49	24.32	24.38	24.36		
10	16QAM	25	0	22.96	23.07	22.94	23.7	1.5
10	16QAM	25	12	22.93	23.04	23.18		
10	16QAM	25	25	23.01	23.01	23.02		
10	16QAM	50	0	23.00	23.04	23.11		
10	64QAM	1	0	23.16	22.96	23.04	23.7	1.5
10	64QAM	25	0	23.19	23.36	23.28		
10	64QAM	1	49	23.25	23.47	23.37		
10	64QAM	25	0	21.94	22.00	22.00	22.7	2.5
10	64QAM	25	12	21.96	22.10	22.03		
10	64QAM	25	25	21.96	21.99	22.02		
10	64QAM	50	0	22.05	22.04	22.02		
10	256QAM	1	0	20.32	20.29	20.34	20.7	4.5
10	256QAM	1	25	20.27	20.34	20.40		
10	256QAM	1	49	20.28	20.37	20.31		
10	256QAM	25	0	20.23	20.26	20.26	20.7	4.5
10	256QAM	25	12	20.26	20.20	20.33		
10	256QAM	25	25	20.18	20.28	20.27		
10	256QAM	50	0	20.21	20.24	20.25		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23330	23095	23155		
				Frequency (MHz)				
				701.5	707.5	713.5		
5	QPSK	1	0	24.49	24.50	24.54	25.2	0
5	QPSK	1	12	24.49	24.61	24.59		
5	QPSK	1	24	24.50	24.57	24.56		
5	QPSK	12	0	24.00	24.00	24.05	24.7	0.5
5	QPSK	12	7	23.98	24.04	24.07		
5	QPSK	12	13	23.98	23.99	23.94		
5	QPSK	25	0	24.01	23.97	24.04		
5	16QAM	1	0	23.89	24.05	24.41	24.7	0.5
5	16QAM	1	12	23.94	24.27	24.35		
5	16QAM	1	24	24.46	24.51	24.39		
5	16QAM	12	0	23.02	23.06	23.01	23.7	1.5
5	16QAM	12	7	22.93	22.99	23.01		
5	16QAM	12	13	22.98	23.06	22.86		
5	16QAM	25	0	22.98	22.97	23.13		
5	64QAM	1	0	23.27	23.10	23.01	23.7	1.5
5	64QAM	1	12	23.23	23.24	23.07		
5	64QAM	1	24	23.06	23.27	23.37		
5	64QAM	12	0	22.01	22.04	22.06	22.7	2.5
5	64QAM	12	7	21.97	22.09	22.12		
5	64QAM	12	13	21.90	22.04	21.82		
5	64QAM	25	0	21.93	21.95	22.00		
5	256QAM	1	0	20.26	20.24	20.14	20.7	4.5
5	256QAM	1	12	20.20	20.14	20.21		
5	256QAM	1	24	20.15	20.25	20.20		
5	256QAM	12	0	20.05	20.10	20.13	20.7	4.5
5	256QAM	12	7	20.12	20.11	20.27		
5	256QAM	12	13	20.12	20.11	20.11		
5	256QAM	25	0	20.10	20.17	20.13		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23021	23095	23169		
				Frequency (MHz)				
				700.5	707.5	714.5		
3	QPSK	1	0	24.47	24.50	24.46	25.2	0
3	QPSK	1	8	24.45	24.52	24.46		
3	QPSK	1	14	24.52	24.55	24.50		
3	QPSK	8	0	23.95	24.01	24.05	24.7	0.5
3	QPSK	8	4	23.96	23.96	23.96		
3	QPSK	8	7	24.03	23.98	24.03		
3	QPSK	15	0	23.97	23.99	24.08		
3	16QAM	1	0	23.94	24.05	24.02	24.7	0.5
3	16QAM	1	8	24.18	24.44	24.17		
3	16QAM	1	14	24.08	24.46	23.91		
3	16QAM	8	0	23.00	23.01	23.11	23.7	1.5
3	16QAM	8	4	23.01	22.95	23.06		
3	16QAM	8	7	23.16	23.13	23.10		
3	16QAM	15	0	23.05	23.02	23.06		
3	64QAM	1	0	23.00	23.25	23.33	23.7	1.5
3	64QAM	1	8	23.00	23.06	23.32		
3	64QAM	1	14	23.03	23.02	23.37		
3	64QAM	8	0	22.12	22.06	22.02	22.7	2.5
3	64QAM	8	4	22.03	21.89	21.97		
3	64QAM	8	7	22.05	22.03	21.99		
3	64QAM	15	0	22.09	21.92	22.06		
3	256QAM	1	0	20.19	20.22	20.16	20.7	4.5
3	256QAM	1	8	20.09	20.18	20.27		
3	256QAM	1	14	20.19	20.26	20.14		
3	256QAM	8	0	20.10	20.19	20.10	20.7	4.5
3	256QAM	8	4	20.15	20.06	20.27		
3	256QAM	8	7	20.00	20.13	20.18		
3	256QAM	15	0	20.03	20.14	20.09		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23017	23095	23173		
				Frequency (MHz)				
				699.7	707.5	715.3		
1.4	QPSK	1	0	24.35	24.35	24.48	25.2	0
1.4	QPSK	1	3	24.33	24.41	24.49		
1.4	QPSK	1	5	24.59	24.48	24.59		
1.4	QPSK	3	0	24.33	24.51	24.56		
1.4	QPSK	3	2	24.34	24.41	24.54		
1.4	QPSK	3	3	24.53	24.44	24.45		
1.4	QPSK	6	0	23.98	24.05	24.12	24.7	0.5
1.4	16QAM	1	0	24.00	24.27	24.44	24.7	0.5
1.4	16QAM	1	3	24.23	24.26	24.50		
1.4	16QAM	1	5	24.42	23.92	24.30		
1.4	16QAM	3	0	24.02	24.13	23.98		
1.4	16QAM	3	1	23.90	24.09	24.07		
1.4	16QAM	3	3	24.14	24.00	24.15		
1.4	16QAM	6	0	23.12	23.14	23.09	23.7	1.5
1.4	64QAM	1	0	22.97	23.07	23.32	23.7	1.5
1.4	64QAM	1	3	23.32	23.04	23.21		
1.4	64QAM	1	5	23.26	23.02	23.32		
1.4	64QAM	3	0	23.02	22.83	23.15		
1.4	64QAM	3	1	22.98	23.13	23.25		
1.4	64QAM	3	3	23.05	23.08	22.90		
1.4	64QAM	6	0	21.96	21.96	21.98	22.7	2.5
1.4	256QAM	1	0	20.15	20.09	20.25	20.7	4.5
1.4	256QAM	1	3	20.19	20.23	20.22		
1.4	256QAM	1	5	20.18	20.29	20.24		
1.4	256QAM	3	0	20.11	20.12	20.20		
1.4	256QAM	3	1	20.13	20.07	20.24		
1.4	256QAM	3	3	20.11	20.13	20.16		
1.4	256QAM	6	0	20.02	20.15	20.08	20.7	4.5

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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				23780	23790	23800		
				703	710	711		
10	QPSK	1	0	24.86	25.15	24.95	25.7	0
10	QPSK	1	25	25.03	25.07	25.05		
10	QPSK	1	49	25.02	25.14	25.06		
10	QPSK	25	0	23.94	24.15	23.99	24.7	1
10	QPSK	25	12	24.08	24.03	24.13		
10	QPSK	25	25	24.07	24.10	24.09		
10	QPSK	50	0	24.07	24.09	24.08		
10	16QAM	1	0	23.92	24.07	24.07	24.7	1
10	16QAM	1	25	24.10	24.20	24.13		
10	16QAM	1	49	24.17	24.18	24.58		
10	16QAM	25	0	22.98	22.94	23.09	23.7	2
10	16QAM	25	12	23.01	22.97	23.11		
10	16QAM	25	25	23.09	23.01	23.12		
10	16QAM	50	0	23.05	23.00	23.01		
10	64QAM	1	0	22.96	23.18	23.23	23.7	2
10	64QAM	25	0	22.99	23.32	23.39		
10	64QAM	1	49	23.39	23.35	23.41		
10	64QAM	25	0	21.93	21.93	22.06	22.7	3
10	64QAM	25	12	22.04	22.02	22.14		
10	64QAM	25	25	22.07	22.14	22.13		
10	64QAM	50	0	22.01	22.06	22.02		
10	256QAM	1	0	20.16	20.13	20.16	20.7	5
10	256QAM	1	25	20.26	20.29	20.30		
10	256QAM	1	49	20.21	20.24	20.24		
10	256QAM	25	0	20.10	20.12	20.14	20.7	5
10	256QAM	25	12	20.12	20.12	20.09		
10	256QAM	25	25	20.14	20.13	20.07		
10	256QAM	50	0	20.06	20.11	20.10		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23755	23790	23825		
				Frequency (MHz)				
				706.5	710	713.5		
5	QPSK	1	0	24.99	25.07	25.00	25.7	0
5	QPSK	1	12	25.06	25.05	25.03		
5	QPSK	1	24	25.06	25.11	25.13		
5	QPSK	12	0	23.92	24.05	24.08	24.7	1
5	QPSK	12	7	23.96	24.07	24.05		
5	QPSK	12	13	23.97	24.04	23.96		
5	QPSK	25	0	24.03	24.05	24.02		
5	16QAM	1	0	24.35	24.45	24.29	24.7	1
5	16QAM	1	12	24.49	24.59	24.21		
5	16QAM	1	24	24.54	24.56	24.30		
5	16QAM	12	0	22.94	22.98	23.09	23.7	2
5	16QAM	12	7	22.93	22.99	23.06		
5	16QAM	12	13	22.91	23.02	22.96		
5	16QAM	25	0	23.08	23.16	23.17		
5	64QAM	1	0	22.76	22.75	23.17	23.7	2
5	64QAM	1	12	22.82	22.89	23.12		
5	64QAM	1	24	22.92	22.94	23.12		
5	64QAM	12	0	21.98	22.03	22.06	22.7	3
5	64QAM	12	7	21.98	22.08	22.05		
5	64QAM	12	13	21.98	22.01	21.95		
5	64QAM	25	0	21.94	22.12	22.08		
5	256QAM	1	0	20.12	20.02	19.97	20.7	5
5	256QAM	1	12	20.11	20.13	20.09		
5	256QAM	1	24	20.15	20.09	19.91		
5	256QAM	12	0	20.07	19.94	20.06	20.7	5
5	256QAM	12	7	19.99	20.11	19.97		
5	256QAM	12	13	19.97	19.93	19.95		
5	256QAM	25	0	20.11	20.02	20.12		

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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				23780	23790	23800		
				703	710	711		
10	QPSK	1	0	24.59	24.69	24.59	25.2	0
10	QPSK	1	25	24.52	24.64	24.54		
10	QPSK	1	49	24.58	24.61	24.54		
10	QPSK	25	0	24.07	24.08	23.98	24.7	0.5
10	QPSK	25	12	24.01	23.98	23.88		
10	QPSK	25	25	24.06	24.07	24.02		
10	QPSK	50	0	23.98	24.07	24.02		
10	16QAM	1	0	24.40	24.09	24.36	24.7	0.5
10	16QAM	1	25	24.44	24.34	24.16		
10	16QAM	1	49	24.34	24.37	24.56		
10	16QAM	25	0	22.93	22.94	22.96	23.7	1.5
10	16QAM	25	12	23.06	23.02	23.10		
10	16QAM	25	25	23.15	23.12	23.11		
10	16QAM	50	0	23.00	23.06	23.10		
10	64QAM	1	0	23.19	22.98	23.23	23.7	1.5
10	64QAM	25	0	23.06	23.33	23.31		
10	64QAM	1	49	23.14	23.40	23.11		
10	64QAM	25	0	21.97	21.99	22.00	22.7	2.5
10	64QAM	25	12	21.98	22.08	22.17		
10	64QAM	25	25	22.18	22.06	22.07		
10	64QAM	50	0	22.08	22.06	22.19		
10	256QAM	1	0	20.31	20.34	20.37	20.7	4.5
10	256QAM	1	25	20.31	20.46	20.44		
10	256QAM	1	49	20.40	20.39	20.46		
10	256QAM	25	0	20.30	20.30	20.21	20.7	4.5
10	256QAM	25	12	20.23	20.32	20.31		
10	256QAM	25	25	20.36	20.41	20.42		
10	256QAM	50	0	20.25	20.30	20.30		
				Channel			Tune-up limit (dBm)	MPR (dB)
				23755	23790	23825		
				Frequency (MHz)				
				706.5	710	713.5		
5	QPSK	1	0	24.35	24.38	24.41	25.2	0
5	QPSK	1	12	24.52	24.53	24.43		
5	QPSK	1	24	24.51	24.50	24.64		
5	QPSK	12	0	23.94	23.99	23.92	24.7	0.5
5	QPSK	12	7	23.97	23.89	23.85		
5	QPSK	12	13	23.99	24.02	24.02		
5	QPSK	25	0	23.96	24.02	23.99		
5	16QAM	1	0	24.40	24.09	24.26	24.7	0.5
5	16QAM	1	12	24.44	24.30	24.15		
5	16QAM	1	24	24.24	24.28	24.51		
5	16QAM	12	0	22.88	22.88	22.86	23.7	1.5
5	16QAM	12	7	22.98	22.93	23.08		
5	16QAM	12	13	23.15	23.04	23.02		
5	16QAM	25	0	23.00	22.96	23.05		
5	64QAM	1	0	23.10	22.92	23.20	23.7	1.5
5	64QAM	1	12	23.00	23.23	23.23		
5	64QAM	1	24	23.03	23.40	23.07		
5	64QAM	12	0	21.95	21.96	22.00	22.7	2.5
5	64QAM	12	7	21.89	22.03	22.13		
5	64QAM	12	13	22.15	21.99	22.03		
5	64QAM	25	0	22.08	22.05	22.11		
5	256QAM	1	0	20.31	20.25	20.29	20.7	4.5
5	256QAM	1	12	20.31	20.38	20.34		
5	256QAM	1	24	20.30	20.36	20.38		
5	256QAM	12	0	20.20	20.30	20.21	20.7	4.5
5	256QAM	12	7	20.13	20.27	20.27		
5	256QAM	12	13	20.28	20.35	20.33		
5	256QAM	25	0	20.17	20.23	20.25		

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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				823.5	831.5	841.5		
15	QPSK	1	0	25.18	25.21	25.15		
15	QPSK	1	37	25.15	25.18	25.07	25.7	0
15	QPSK	1	74	25.12	25.13	25.07		
15	QPSK	36	0	23.81	23.87	23.79		
15	QPSK	36	20	23.77	23.80	23.75	24.7	1
15	QPSK	36	39	23.75	23.80	23.64		
15	QPSK	75	0	23.82	23.83	23.81		
15	16QAM	1	0	24.09	24.18	24.22		
15	16QAM	1	37	24.06	24.23	24.28	24.7	1
15	16QAM	1	74	24.11	24.19	24.32		
15	16QAM	36	0	22.74	22.81	22.79		
15	16QAM	36	20	22.78	22.82	22.77	23.7	2
15	16QAM	36	39	22.77	22.90	22.72		
15	16QAM	75	0	22.78	22.84	22.81		
15	64QAM	1	0	22.77	23.08	23.10		
15	64QAM	1	37	22.90	23.12	22.99	23.7	2
15	64QAM	1	74	22.77	23.09	22.99		
15	64QAM	36	0	21.80	21.78	21.75		
15	64QAM	36	20	21.84	21.78	21.83	22.7	3
15	64QAM	36	39	21.78	21.77	21.76		
15	64QAM	75	0	21.72	21.75	21.80		
15	256QAM	1	0	19.97	19.89	19.98		
15	256QAM	1	37	19.91	19.95	19.86	20.7	5
15	256QAM	1	74	19.96	19.88	19.98		
15	256QAM	36	0	19.86	19.87	19.78		
15	256QAM	36	20	19.82	19.83	19.86	20.7	5
15	256QAM	36	39	19.82	19.88	19.78		
15	256QAM	75	0	19.82	19.83	19.79		
Channel				26740	26815	26890	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.71	24.84	24.69		
10	QPSK	1	25	24.78	24.82	24.71	25.7	0
10	QPSK	1	49	24.84	24.81	24.78		
10	QPSK	25	0	23.82	23.78	23.89		
10	QPSK	25	12	23.78	23.83	23.80	24.7	1
10	QPSK	25	25	23.82	23.80	23.82		
10	QPSK	50	0	23.81	23.86	23.93		
10	16QAM	1	0	24.28	23.81	23.57		
10	16QAM	1	25	24.26	23.87	23.56	24.7	1
10	16QAM	1	49	23.85	23.90	23.60		
10	16QAM	25	0	22.72	22.91	22.89		
10	16QAM	25	12	22.75	22.90	22.82	23.7	2
10	16QAM	25	25	22.76	22.85	22.77		
10	16QAM	50	0	22.81	22.86	22.83		
10	64QAM	1	0	22.97	22.96	23.06		
10	64QAM	1	25	23.08	23.05	23.03	23.7	2
10	64QAM	1	49	22.99	23.02	23.09		
10	64QAM	25	0	21.78	21.86	21.79		
10	64QAM	25	12	21.78	21.72	21.74	22.7	3
10	64QAM	25	25	21.86	21.72	21.71		
10	64QAM	50	0	21.77	21.81	21.85		
10	256QAM	1	0	19.62	19.57	19.43		
10	256QAM	1	25	19.41	19.61	19.40	20.7	5
10	256QAM	1	49	19.71	19.55	19.55		
10	256QAM	25	0	19.92	19.84	19.90		
10	256QAM	25	12	19.77	19.45	19.63	20.7	5
10	256QAM	25	25	19.41	19.52	19.81		
10	256QAM	50	0	19.57	19.46	19.71		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.76	24.77	24.78		
5	QPSK	1	12	24.84	24.75	24.84	25.7	0
5	QPSK	1	24	24.78	24.72	24.78		
5	QPSK	12	0	23.77	23.84	23.87		
5	QPSK	12	7	23.78	23.86	23.93	24.7	1
5	QPSK	12	13	23.76	23.76	23.83		
5	QPSK	25	0	23.83	23.82	23.90		
5	16QAM	1	0	23.77	23.84	24.17		
5	16QAM	1	12	23.81	23.87	24.23	24.7	1
5	16QAM	1	24	23.89	23.86	24.26		
5	16QAM	12	0	22.69	22.79	22.89		
5	16QAM	12	7	22.77	22.80	22.90	23.7	2
5	16QAM	12	13	22.72	22.70	22.81		
5	16QAM	25	0	22.74	22.69	22.90		
5	64QAM	1	0	23.06	23.04	23.11		
5	64QAM	1	12	22.83	23.09	23.08	23.7	2
5	64QAM	1	24	23.02	23.03	23.10		
5	64QAM	12	0	21.78	21.88	21.87		
5	64QAM	12	7	21.83	21.81	21.84	22.7	3
5	64QAM	12	13	21.79	21.77	21.82		
5	64QAM	25	0	21.74	21.71	21.92		
5	256QAM	1	0	19.40	19.63	19.48		
5	256QAM	1	12	19.66	19.47	19.83	20.7	5
5	256QAM	1	24	19.64	19.59	19.49		
5	256QAM	12	0	19.84	19.83	19.71		
5	256QAM	12	7	19.65	19.81	19.86	20.7	5
5	256QAM	12	13	19.82	19.78	19.56		
5	256QAM	25	0	19.62	19.52	19.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813.5	831.5	847.5		
3	QPSK	1	0	24.87	24.95	24.80		
3	QPSK	1	8	24.99	25.02	24.91	25.7	0
3	QPSK	1	14	24.95	24.99	24.94		
3	QPSK	8	0	23.82	23.81	23.78		
3	QPSK	8	4	23.76	23.74	23.83	24.7	1
3	QPSK	8	7	23.74	23.80	23.88		
3	QPSK	15	0	23.76	23.77	23.90		
3	16QAM	1	0	24.30	24.26	24.02		
3	16QAM	1	8	24.23	24.26	24.06	24.7	1
3	16QAM	1	14	24.26	23.94	24.06		
3	16QAM	8	0	22.83	22.78	22.88		
3	16QAM	8	4	22.76	22.74	22.92	23.7	2
3	16QAM	8	7	22.85	22.79	22.97		
3	16QAM	15	0	22.83	22.81	22.80		
3	64QAM	1	0	22.55	22.82	22.77		
3	64QAM	1	8	22.59	22.70	22.87	23.7	2
3	64QAM	1	14	22.57	22.69	22.79		
3	64QAM	8	0	21.78	21.82	21.70		
3	64QAM	8	4	21.83	21.61	21.72	22.7	3
3	64QAM	8	7	21.88	21.70	21.83		
3	64QAM	15	0	21.69	21.85	21.69		
3	256QAM	1	0	19.84	19.65	19.40		
3	256QAM	1	8	19.74	19.44	19.45	20.7	5
3	256QAM	1	14	19.73	19.46	19.58		
3	256QAM	8	0	19.68	19.79	19.52		
3	256QAM	8	4	19.48	19.70	19.95	20.7	5
3	256QAM	8	7	19.56	19.46	19.79		
3	256QAM	15	0	19.49	19.42	19.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.10	25.12	25.05		
1.4	QPSK	1	3	25.14	25.13	25.02		
1.4	QPSK	1	5	25.09	25.09	24.97	25.7	0
1.4	QPSK	3	0	24.77	24.85	24.78		
1.4	QPSK	3	1	24.85	24.76	24.72		
1.4	QPSK	3	3	24.77	24.70	24.79		
1.4	QPSK	6	0	23.90	23.88	23.90	24.7	1
1.4	16QAM	1	0	24.07	24.09	24.25		
1.4	16QAM	1	3	24.03	24.39	24.34		
1.4	16QAM	1	5	23.99	24.10	24.20	24.7	1
1.4	16QAM	3	0	23.88	23.78	23.78		
1.4	16QAM	3	1	23.82	23.85	23.83		
1.4	16QAM	3	3	23.91	23.79	23.82		
1.4	16QAM	6	0	22.88	22.99	22.99	23.7	2
1.4	64QAM	1	0	22.79	23.19	23.20		
1.4	64QAM	1	3	22.74	23.12	23.21		
1.4	64QAM	1	5	22.67	23.09	22.97	23.7	2
1.4	64QAM	3	0	22.51	23.02	23.02		
1.4	64QAM	3	1	22.65	23.08	23.00		
1.4	64QAM	3	3	22.52	23.01	22.97		
1.4	64QAM	6	0	21.71	21.76	21.86	22.7	3
1.4	256QAM	1	0	19.65	19.46	19.76		
1.4	256QAM	1	3	19.40	19.64	19.62		
1.4	256QAM	1	5	19.84	19.88	19.74	20.7	5
1.4	256QAM	3	0	19.66	19.64	19.64		
1.4	256QAM	3	1	19.49	19.53	19.76		
1.4	256QAM	3	3	19.95	19.54	19.79		
1.4	256QAM	6	0	19.72	19.52	19.90	20.7	5

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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				823.5	831.5	841.5		
15	QPSK	1	0	25.00	25.09	25.01		
15	QPSK	1	37	24.98	25.02	24.99	25.7	0
15	QPSK	1	74	24.93	25.00	24.94		
15	QPSK	36	0	24.00	24.03	23.98		
15	QPSK	36	20	23.96	23.93	23.95	24.7	1
15	QPSK	36	39	23.99	24.01	23.95		
15	QPSK	75	0	23.98	24.04	23.97		
15	16QAM	1	0	23.88	23.87	23.89		
15	16QAM	1	37	23.83	23.93	23.81	24.7	1
15	16QAM	1	74	23.94	23.85	23.90		
15	16QAM	36	0	22.66	22.64	22.74		
15	16QAM	36	20	22.69	22.66	22.66	23.7	2
15	16QAM	36	39	22.70	22.67	22.71		
15	16QAM	75	0	22.71	22.62	22.71		
15	64QAM	1	0	22.81	22.78	22.79		
15	64QAM	1	37	22.85	22.87	22.78	23.7	2
15	64QAM	1	74	22.84	22.72	22.77		
15	64QAM	36	0	21.70	21.62	21.75		
15	64QAM	36	20	21.67	21.70	21.65	22.7	3
15	64QAM	36	39	21.63	21.67	21.71		
15	64QAM	75	0	21.83	21.60	21.66		
15	256QAM	1	0	19.93	19.91	19.84		
15	256QAM	1	37	19.85	19.83	19.78	20.7	5
15	256QAM	1	74	19.96	19.85	19.98		
15	256QAM	36	0	19.79	19.77	19.84		
15	256QAM	36	20	19.82	19.81	19.76	20.7	5
15	256QAM	36	39	19.77	19.80	19.81		
15	256QAM	75	0	19.83	19.79	19.85		
Channel				26740	26815	26890	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.87	24.67	24.65		
10	QPSK	1	25	24.72	24.73	24.67	25.7	0
10	QPSK	1	49	24.73	24.72	24.64		
10	QPSK	25	0	23.68	23.65	23.78		
10	QPSK	25	12	23.70	23.68	23.69	24.7	1
10	QPSK	25	25	23.68	23.69	23.72		
10	QPSK	50	0	23.71	23.74	23.78		
10	16QAM	1	0	23.90	23.84	23.88		
10	16QAM	1	25	23.92	23.93	23.91	24.7	1
10	16QAM	1	49	23.89	23.87	23.95		
10	16QAM	25	0	22.70	22.66	22.80		
10	16QAM	25	12	22.69	22.66	22.65	23.7	2
10	16QAM	25	25	22.65	22.67	22.69		
10	16QAM	50	0	22.68	22.69	22.75		
10	64QAM	1	0	22.84	22.75	22.71		
10	64QAM	1	25	22.86	22.87	22.74	23.7	2
10	64QAM	1	49	22.87	22.77	22.73		
10	64QAM	25	0	21.66	21.67	21.76		
10	64QAM	25	12	21.68	21.66	21.63	22.7	3
10	64QAM	25	25	21.61	21.70	21.72		
10	64QAM	50	0	21.65	21.71	21.75		
10	256QAM	1	0	19.62	19.92	19.73		
10	256QAM	1	25	19.90	19.85	19.89	20.7	5
10	256QAM	1	49	19.67	19.78	19.76		
10	256QAM	25	0	19.90	19.89	19.83		
10	256QAM	25	12	19.70	19.80	19.76	20.7	5
10	256QAM	25	25	19.84	19.81	19.80		
10	256QAM	50	0	19.93	19.88	19.75		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.71	24.76	24.66		
5	QPSK	1	12	24.73	24.73	24.69	25.7	0
5	QPSK	1	24	24.78	24.69	24.69		
5	QPSK	12	0	23.66	23.67	23.62		
5	QPSK	12	7	23.72	23.72	23.73	24.7	1
5	QPSK	12	13	23.68	23.68	23.67		
5	QPSK	25	0	23.70	23.69	23.71		
5	16QAM	1	0	23.97	23.94	23.86		
5	16QAM	1	12	23.90	23.91	23.97	24.7	1
5	16QAM	1	24	23.92	23.87	23.88		
5	16QAM	12	0	22.63	22.67	22.60		
5	16QAM	12	7	22.69	22.69	22.68	23.7	2
5	16QAM	12	13	22.64	22.64	22.64		
5	16QAM	25	0	22.66	22.68	22.70		
5	64QAM	1	0	22.79	22.88	22.81		
5	64QAM	1	12	22.82	22.90	22.79	23.7	2
5	64QAM	1	24	22.82	22.85	22.81		
5	64QAM	12	0	21.61	21.65	21.62		
5	64QAM	12	7	21.70	21.69	21.67	22.7	3
5	64QAM	12	13	21.66	21.65	21.67		
5	64QAM	25	0	21.65	21.67	21.67		
5	256QAM	1	0	19.75	19.91	19.84		
5	256QAM	1	12	19.68	19.67	19.68	20.7	5
5	256QAM	1	24	19.73	19.55	19.64		
5	256QAM	12	0	19.94	19.94	19.76		
5	256QAM	12	7	19.87	19.61	19.72	20.7	5
5	256QAM	12	13	19.67	19.85	19.95		
5	256QAM	25	0	19.86	19.71	19.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813.5	831.5	847.5		
3	QPSK	1	0	24.71	24.67	24.64		
3	QPSK	1	8	24.70	24.66	24.65	25.7	0
3	QPSK	1	14	24.74	24.66	24.63		
3	QPSK	8	0	23.73	23.70	23.68		
3	QPSK	8	4	23.64	23.66	23.64	24.7	1
3	QPSK	8	7	23.70	23.69	23.67		
3	QPSK	15	0	23.71	23.71	23.68		
3	16QAM	1	0	23.97	23.87	23.94		
3	16QAM	1	8	23.93	23.88	23.89	24.7	1
3	16QAM	1	14	23.92	23.87	23.81		
3	16QAM	8	0	22.80	22.77	22.76		
3	16QAM	8	4	22.77	22.70	22.73	23.7	2
3	16QAM	8	7	22.77	22.76	22.74		
3	16QAM	15	0	22.73	22.72	22.69		
3	64QAM	1	0	22.81	22.79	22.77		
3	64QAM	1	8	22.78	22.74	22.80	23.7	2
3	64QAM	1	14	22.77	22.74	22.75		
3	64QAM	8	0	21.72	21.73	21.67		
3	64QAM	8	4	21.71	21.65	21.65	22.7	3
3	64QAM	8	7	21.70	21.70	21.68		
3	64QAM	15	0	21.67	21.67	21.64		
3	256QAM	1	0	19.83	19.55	19.84		
3	256QAM	1	8	19.86	19.68	19.85	20.7	5
3	256QAM	1	14	19.71	19.65	19.72		
3	256QAM	8	0	19.78	19.69	19.76		
3	256QAM	8	4	19.66	19.63	19.70	20.7	5
3	256QAM	8	7	19.55	19.73	19.57		
3	256QAM	15	0	19.69	19.55	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.87	24.68	24.63		
1.4	QPSK	1	3	24.68	24.66	24.63		
1.4	QPSK	1	5	24.63	24.63	24.58	25.7	0
1.4	QPSK	3	0	24.73	24.69	24.65		
1.4	QPSK	3	1	24.72	24.70	24.68		
1.4	QPSK	3	3	24.76	24.66	24.67		
1.4	QPSK	6	0	23.72	23.68	23.66	24.7	1
1.4	16QAM	1	0	23.86	23.89	23.80		
1.4	16QAM	1	3	23.86	23.93	23.87		
1.4	16QAM	1	5	23.92	23.89	23.77	24.7	1
1.4	16QAM	3	0	23.70	23.69	23.66		
1.4	16QAM	3	1	23.75	23.67	23.67		
1.4	16QAM	3	3	23.71	23.62	23.65		
1.4	16QAM	6	0	22.78	22.76	22.72	23.7	2
1.4	64QAM	1	0	22.84	22.83	22.77		
1.4	64QAM	1	3	22.77	22.81	22.80		
1.4	64QAM	1	5	22.78	22.79	22.74	23.7	2
1.4	64QAM	3	0	22.82	22.82	22.75		
1.4	64QAM	3	1	22.80	22.80	22.77		
1.4	64QAM	3	3	22.83	22.77	22.73		
1.4	64QAM	6	0	21.89	21.82	21.81	22.7	3
1.4	256QAM	1	0	19.62	19.56	19.63		
1.4	256QAM	1	3	19.93	19.66	19.95		
1.4	256QAM	1	5	19.89	19.85	19.76	20.7	5
1.4	256QAM	3	0	19.68	19.62	19.58		
1.4	256QAM	3	1	19.74	19.63	19.86		
1.4	256QAM	3	3	19.96	19.83	19.55		
1.4	256QAM	6	0	19.79	19.80	19.62	20.7	5

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.81	22.54	22.46	24	0
20	QPSK	1	49	22.83	22.52	22.45		
20	QPSK	1	99	22.89	22.46	22.47		
20	QPSK	50	0	21.64	21.31	21.32	23	1
20	QPSK	50	24	21.63	21.24	21.26		
20	QPSK	50	50	21.54	21.23	21.26		
20	QPSK	100	0	21.55	21.29	21.28		
20	16QAM	1	0	21.64	21.37	21.26	23	1
20	16QAM	1	49	21.62	21.27	21.33		
20	16QAM	1	99	21.54	21.25	21.30		
20	16QAM	50	0	20.61	20.33	20.30	22	2
20	16QAM	50	24	20.59	20.25	20.31		
20	16QAM	50	50	20.56	20.22	20.28		
20	16QAM	100	0	20.56	20.24	20.31		
20	64QAM	1	0	20.32	20.03	20.07	22	2
20	64QAM	1	49	20.29	20.02	20.05		
20	64QAM	1	99	20.26	20.01	20.02		
20	64QAM	50	0	19.59	19.31	19.34	21	3
20	64QAM	50	24	19.61	19.26	19.36		
20	64QAM	50	50	19.56	19.25	19.28		
20	64QAM	100	0	19.62	19.29	19.26		
20	256QAM	1	0	17.24	17.34	17.09	19	5
20	256QAM	1	49	17.27	17.24	17.31		
20	256QAM	1	99	17.19	17.19	17.24		
20	256QAM	50	0	17.35	17.09	17.33	19	5
20	256QAM	50	24	17.14	17.23	17.30		
20	256QAM	50	50	17.22	17.20	17.22		
20	256QAM	100	0	17.30	17.30	17.20		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.77	22.36	22.36	24	0
15	QPSK	1	37	22.78	22.37	22.33		
15	QPSK	1	74	22.70	22.39	22.38		
15	QPSK	36	0	21.73	21.32	21.23	23	1
15	QPSK	36	20	21.69	21.25	21.29		
15	QPSK	36	39	21.68	21.24	21.24		
15	QPSK	75	0	21.71	21.27	21.25		
15	16QAM	1	0	21.72	21.33	21.29	23	1
15	16QAM	1	37	21.79	21.35	21.31		
15	16QAM	1	74	21.69	21.23	21.38		
15	16QAM	36	0	20.71	20.23	20.27	22	2
15	16QAM	36	20	20.59	20.18	20.25		
15	16QAM	36	39	20.60	20.17	20.25		
15	16QAM	75	0	20.69	20.28	20.30		
15	64QAM	1	0	20.53	20.11	20.09	22	2
15	64QAM	1	37	20.52	20.01	20.02		
15	64QAM	1	74	20.52	20.06	20.02		
15	64QAM	36	0	19.73	19.33	19.27	21	3
15	64QAM	36	20	19.70	19.27	19.31		
15	64QAM	36	39	19.64	19.25	19.28		
15	64QAM	75	0	19.73	19.34	19.36		
15	256QAM	1	0	17.23	17.34	17.20	19	5
15	256QAM	1	37	17.17	17.35	17.32		
15	256QAM	1	74	17.19	17.10	17.15		
15	256QAM	36	0	17.17	17.18	17.23	19	5
15	256QAM	36	20	17.11	17.32	17.34		
15	256QAM	36	39	17.09	17.30	17.11		
15	256QAM	75	0	17.34	17.35	17.22		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.86	22.27	22.44	24	0
10	QPSK	1	25	22.81	22.31	22.29		
10	QPSK	1	49	22.77	22.29	22.45		
10	QPSK	25	0	21.77	21.40	21.32	23	1
10	QPSK	25	12	21.71	21.25	21.20		
10	QPSK	25	25	21.74	21.18	21.18		
10	QPSK	50	0	21.78	21.24	21.21		
10	16QAM	1	0	21.73	21.27	21.35	23	1
10	16QAM	1	25	21.78	21.44	21.36		
10	16QAM	1	49	21.66	21.29	21.33		
10	16QAM	25	0	20.61	20.22	20.26	22	2
10	16QAM	25	12	20.65	20.15	20.21		
10	16QAM	25	25	20.62	20.25	20.16		
10	16QAM	50	0	20.73	20.22	20.30		
10	64QAM	1	0	20.52	20.01	20.03	22	2
10	64QAM	1	25	20.51	20.14	20.02		
10	64QAM	1	49	20.46	20.03	20.03		
10	64QAM	25	0	19.75	19.26	19.21	21	3
10	64QAM	25	12	19.62	19.28	19.36		
10	64QAM	25	25	19.71	19.19	19.30		
10	64QAM	50	0	19.75	19.26	19.27		
10	256QAM	1	0	17.23	17.34	17.20	19	5
10	256QAM	1	25	17.17	17.10	17.32		
10	256QAM	1	49	17.19	17.10	17.15		
10	256QAM	25	0	17.17	17.35	17.32	19	5
10	256QAM	25	12	17.11	17.32	17.34		
10	256QAM	25	25	17.09	17.30	17.11		
10	256QAM	50	0	17.34	17.35	17.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.84	22.29	22.29	24	0
5	QPSK	1	12	22.80	22.46	22.28		
5	QPSK	1	24	22.78	22.43	22.46		
5	QPSK	12	0	21.70	21.40	21.25	23	1
5	QPSK	12	7	21.74	21.17	21.20		
5	QPSK	12	13	21.62	21.23	21.16		
5	QPSK	25	0	21.75	21.15	21.17		
5	16QAM	1	0	21.68	21.39	21.31	23	1
5	16QAM	1	12	21.72	21.33	21.23		
5	16QAM	1	24	21.79	21.17	21.40		
5	16QAM	12	0	20.73	20.32	20.21	22	2
5	16QAM	12	7	20.56	20.20	20.30		
5	16QAM	12	13	20.50	20.27	20.26		
5	16QAM	25	0	20.77	20.19	20.30		
5	64QAM	1	0	20.59	20.15	20.04	22	2
5	64QAM	1	12	20.62	20.09	20.07		
5	64QAM	1	24	20.53	20.10	20.03		
5	64QAM	12	0	19.65	19.40	19.24	21	3
5	64QAM	12	7	19.65	19.19	19.35		
5	64QAM	12	13	19.59	19.21	19.32		
5	64QAM	25	0	19.74	19.30	19.45		
5	256QAM	1	0	17.23	17.34	17.20	19	5
5	256QAM	1	12	17.17	17.35	17.32		
5	256QAM	1	24	17.19	17.10	17.15		
5	256QAM	12	0	17.17	17.18	17.23	19	5
5	256QAM	12	7	17.11	17.32	17.34		
5	256QAM	12	13	17.09	17.30	17.11		
5	256QAM	25	0	17.34	17.35	17.22		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.54	24.39	24.36	25.5	0
20	QPSK	1	49	24.55	24.36	24.36		
20	QPSK	1	99	24.66	24.37	24.31		
20	QPSK	50	0	23.57	23.32	23.39	24.5	1
20	QPSK	50	24	23.56	23.29	23.39		
20	QPSK	50	50	23.52	23.35	23.38		
20	QPSK	100	0	23.49	23.27	23.41		
20	16QAM	1	0	23.56	23.31	23.30	24.5	1
20	16QAM	1	49	23.50	23.36	23.34		
20	16QAM	1	99	23.56	23.38	23.35		
20	16QAM	50	0	22.53	22.33	22.38	23.5	2
20	16QAM	50	24	22.58	22.33	22.39		
20	16QAM	50	50	22.61	22.33	22.33		
20	16QAM	100	0	22.50	22.25	22.38		
20	64QAM	1	0	22.29	22.06	22.05	23.5	2
20	64QAM	1	49	22.25	22.06	22.10		
20	64QAM	1	99	22.28	22.00	22.11		
20	64QAM	50	0	21.50	21.31	21.38	22.5	3
20	64QAM	50	24	21.59	21.31	21.40		
20	64QAM	50	50	21.54	21.35	21.42		
20	64QAM	100	0	21.55	21.27	21.37		
20	256QAM	1	0	19.69	19.33	19.23	20.5	5
20	256QAM	1	49	19.38	19.45	18.98		
20	256QAM	1	99	19.20	19.26	19.13		
20	256QAM	50	0	19.32	18.95	19.03	20.5	5
20	256QAM	50	24	19.38	19.27	19.37		
20	256QAM	50	50	19.29	19.11	18.94		
20	256QAM	100	0	19.32	19.40	19.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.61	24.33	24.32	25.5	0
15	QPSK	1	37	24.58	24.33	24.39		
15	QPSK	1	74	24.60	24.34	24.34		
15	QPSK	36	0	23.43	23.21	23.41	24.5	1
15	QPSK	36	20	23.52	23.24	23.28		
15	QPSK	36	39	23.55	23.23	23.29		
15	QPSK	75	0	23.54	23.18	23.32		
15	16QAM	1	0	23.51	23.24	23.29	24.5	1
15	16QAM	1	37	23.57	23.31	23.33		
15	16QAM	1	74	23.58	23.28	23.38		
15	16QAM	36	0	22.44	22.18	22.30	23.5	2
15	16QAM	36	20	22.47	22.25	22.25		
15	16QAM	36	39	22.54	22.18	22.29		
15	16QAM	75	0	22.55	22.23	22.36		
15	64QAM	1	0	22.32	22.04	22.09	23.5	2
15	64QAM	1	37	22.30	22.06	22.12		
15	64QAM	1	74	22.34	22.00	22.02		
15	64QAM	36	0	21.54	21.26	21.33	22.5	3
15	64QAM	36	20	21.51	21.23	21.26		
15	64QAM	36	39	21.56	21.25	21.34		
15	64QAM	75	0	21.52	21.24	21.30		
15	256QAM	1	0	19.32	19.06	19.37	20.5	5
15	256QAM	1	37	19.44	19.01	19.00		
15	256QAM	1	74	19.25	18.98	18.90		
15	256QAM	36	0	19.02	19.26	19.00	20.5	5
15	256QAM	36	20	19.15	19.21	18.92		
15	256QAM	36	39	19.36	18.95	18.94		
15	256QAM	75	0	19.12	18.91	19.31		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.56	24.31	24.43	25.5	0
10	QPSK	1	25	24.57	24.27	24.31		
10	QPSK	1	49	24.60	24.27	24.40		
10	QPSK	25	0	23.50	23.29	23.34	24.5	1
10	QPSK	25	12	23.59	23.27	23.37		
10	QPSK	25	25	23.55	23.27	23.34		
10	QPSK	50	0	23.52	23.30	23.42		
10	16QAM	1	0	23.55	23.28	23.37	24.5	1
10	16QAM	1	25	23.68	23.31	23.30		
10	16QAM	1	49	23.69	23.24	23.36		
10	16QAM	25	0	22.61	22.33	22.42	23.5	2
10	16QAM	25	12	22.57	22.24	22.44		
10	16QAM	25	25	22.57	22.27	22.37		
10	16QAM	50	0	22.54	22.33	22.39		
10	64QAM	1	0	22.33	22.05	22.08	23.5	2
10	64QAM	1	25	22.28	22.03	22.09		
10	64QAM	1	49	22.36	22.05	22.08		
10	64QAM	25	0	21.57	21.31	21.46	22.5	3
10	64QAM	25	12	21.60	21.31	21.42		
10	64QAM	25	25	21.64	21.30	21.44		
10	64QAM	50	0	21.58	21.26	21.31		
10	256QAM	1	0	19.04	18.94	19.27	20.5	5
10	256QAM	1	25	19.14	19.29	19.05		
10	256QAM	1	49	19.06	19.32	19.33		
10	256QAM	25	0	19.33	19.35	19.15	20.5	5
10	256QAM	25	12	19.31	19.20	18.98		
10	256QAM	25	25	19.16	19.36	19.37		
10	256QAM	50	0	19.42	19.02	19.28		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.52	24.21	24.33	25.5	0
5	QPSK	1	12	24.59	24.18	24.41		
5	QPSK	1	24	24.54	24.20	24.37		
5	QPSK	12	0	23.53	23.14	23.32	24.5	1
5	QPSK	12	7	23.46	23.17	23.36		
5	QPSK	12	13	23.45	23.19	23.28		
5	QPSK	25	0	23.49	23.26	23.35		
5	16QAM	1	0	23.56	23.25	23.29	24.5	1
5	16QAM	1	12	23.57	23.18	23.33		
5	16QAM	1	24	23.54	23.22	23.41		
5	16QAM	12	0	22.44	22.12	22.22	23.5	2
5	16QAM	12	7	22.40	22.08	22.27		
5	16QAM	12	13	22.36	22.10	22.21		
5	16QAM	25	0	22.53	22.23	22.43		
5	64QAM	1	0	22.27	21.98	22.07	23.5	2
5	64QAM	1	12	22.31	21.98	22.12		
5	64QAM	1	24	22.25	21.96	22.11		
5	64QAM	12	0	21.52	21.21	21.31	22.5	3
5	64QAM	12	7	21.55	21.20	21.34		
5	64QAM	12	13	21.51	21.20	21.35		
5	64QAM	25	0	21.54	21.28	21.45		
5	256QAM	1	0	19.02	19.04	19.28	20.5	5
5	256QAM	1	12	18.97	19.01	19.08		
5	256QAM	1	24	19.22	19.11	19.19		
5	256QAM	12	0	19.44	19.20	19.35	20.5	5
5	256QAM	12	7	18.96	19.05	19.30		
5	256QAM	12	13	19.30	18.94	19.00		
5	256QAM	25	0	19.08	19.08	19.36		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.86	24.68	24.73	25.7	0
20	QPSK	1	49	24.84	24.70	24.78		
20	QPSK	1	99	25.06	24.73	24.95		
20	QPSK	50	0	23.99	23.78	23.92	24.7	1
20	QPSK	50	24	23.94	23.82	23.88		
20	QPSK	50	50	23.87	23.75	23.89		
20	QPSK	100	0	24.01	23.89	23.94		
20	16QAM	1	0	24.04	23.89	23.98	24.7	1
20	16QAM	1	49	24.09	23.88	24.00		
20	16QAM	1	99	23.86	23.77	23.92		
20	16QAM	50	0	22.96	22.80	22.94	23.7	2
20	16QAM	50	24	23.00	22.82	22.93		
20	16QAM	50	50	22.92	22.79	22.92		
20	16QAM	100	0	22.87	22.72	22.78		
20	64QAM	1	0	22.88	22.69	22.85	23.7	2
20	64QAM	1	49	22.95	22.75	22.84		
20	64QAM	1	99	22.87	22.74	22.92		
20	64QAM	50	0	21.98	21.78	21.96	22.7	3
20	64QAM	50	24	22.00	21.83	21.91		
20	64QAM	50	50	21.94	21.74	21.94		
20	64QAM	100	0	21.98	21.78	21.96		
20	256QAM	1	0	19.95	19.95	19.96	20.7	5
20	256QAM	1	49	19.91	19.92	19.98		
20	256QAM	1	99	19.90	19.94	19.97		
20	256QAM	50	0	20.14	20.15	20.22	20.7	5
20	256QAM	50	24	20.18	20.13	20.23		
20	256QAM	50	50	20.15	20.15	20.17		
20	256QAM	100	0	20.11	20.09	20.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.99	24.81	24.84	25.7	0
15	QPSK	1	37	24.93	24.73	24.86		
15	QPSK	1	74	24.94	24.76	24.91		
15	QPSK	36	0	23.83	23.75	23.92	24.7	1
15	QPSK	36	20	23.89	23.73	23.89		
15	QPSK	36	39	23.96	23.71	23.86		
15	QPSK	75	0	23.81	23.70	23.93		
15	16QAM	1	0	24.02	23.85	23.95	24.7	1
15	16QAM	1	37	24.06	23.86	24.02		
15	16QAM	1	74	24.07	23.84	23.99	23.7	2
15	16QAM	36	0	22.84	22.70	22.87		
15	16QAM	36	20	22.83	22.76	22.87		
15	16QAM	36	39	22.93	22.74	22.85		
15	16QAM	75	0	22.96	22.66	22.87		
15	64QAM	1	0	22.91	22.70	22.79	23.7	2
15	64QAM	1	37	22.97	22.73	22.87		
15	64QAM	1	74	22.92	22.72	22.84		
15	64QAM	36	0	21.88	21.77	21.89	22.7	3
15	64QAM	36	20	21.94	21.75	21.90		
15	64QAM	36	39	21.97	21.78	21.87		
15	64QAM	75	0	21.92	21.74	21.89		
15	256QAM	1	0	19.72	19.71	19.93	20.7	5
15	256QAM	1	37	19.73	19.71	19.87		
15	256QAM	1	74	19.85	19.95	19.91		
15	256QAM	36	0	19.65	19.81	19.73	20.7	5
15	256QAM	36	20	19.55	19.71	19.57		
15	256QAM	36	39	19.77	19.70	19.57		
15	256QAM	75	0	19.60	19.84	19.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.85	24.76	24.86	25.7	0
10	QPSK	1	25	24.88	24.71	24.93		
10	QPSK	1	49	24.79	24.66	24.80		
10	QPSK	25	0	23.87	23.75	23.90	24.7	1
10	QPSK	25	12	23.97	23.80	23.85		
10	QPSK	25	25	23.89	23.77	23.96		
10	QPSK	50	0	23.93	23.77	23.92		
10	16QAM	1	0	23.97	23.75	23.91	24.7	1
10	16QAM	1	25	23.93	23.76	23.95		
10	16QAM	1	49	24.03	23.88	24.02		
10	16QAM	25	0	23.18	22.99	23.09	23.7	2
10	16QAM	25	12	23.21	22.95	23.13		
10	16QAM	25	25	22.88	22.84	23.04		
10	16QAM	50	0	22.98	22.79	22.98		
10	64QAM	1	0	23.03	22.80	22.97	23.7	2
10	64QAM	1	25	22.97	22.79	22.96		
10	64QAM	1	49	22.90	22.74	22.91		
10	64QAM	25	0	22.07	21.84	21.94	22.7	3
10	64QAM	25	12	22.07	21.80	22.05		
10	64QAM	25	25	21.97	21.84	22.04		
10	64QAM	50	0	22.05	21.82	22.04		
10	256QAM	1	0	19.61	19.85	19.76	20.7	5
10	256QAM	1	25	19.92	19.93	19.95		
10	256QAM	1	49	19.70	19.78	19.90		
10	256QAM	25	0	19.81	19.81	19.90	20.7	5
10	256QAM	25	12	19.59	19.68	19.70		
10	256QAM	25	25	19.85	19.92	19.66		
10	256QAM	50	0	19.64	19.73	19.72		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.81	24.63	24.79	25.7	0
5	QPSK	1	12	24.89	24.64	24.77		
5	QPSK	1	24	24.82	24.71	24.85		
5	QPSK	12	0	23.90	23.74	23.90	24.7	1
5	QPSK	12	7	23.90	23.74	23.93		
5	QPSK	12	13	23.87	23.74	23.92		
5	QPSK	25	0	23.88	23.76	23.92		
5	16QAM	1	0	24.04	23.87	24.02	24.7	1
5	16QAM	1	12	24.11	23.82	23.96		
5	16QAM	1	24	24.10	23.88	24.04		
5	16QAM	12	0	22.95	22.78	22.92	23.7	2
5	16QAM	12	7	22.92	22.74	22.87		
5	16QAM	12	13	22.92	22.74	22.93		
5	16QAM	25	0	22.97	22.81	22.96		
5	64QAM	1	0	22.98	22.74	22.97	23.7	2
5	64QAM	1	12	22.98	22.78	22.88		
5	64QAM	1	24	22.98	22.85	22.89		
5	64QAM	12	0	21.90	21.73	21.96	22.7	3
5	64QAM	12	7	21.97	21.76	21.95		
5	64QAM	12	13	21.95	21.77	21.93		
5	64QAM	25	0	22.02	21.80	22.00		
5	256QAM	1	0	19.76	19.67	19.59	20.7	5
5	256QAM	1	12	19.88	19.87	19.55		
5	256QAM	1	24	19.68	19.72	19.65		
5	256QAM	12	0	19.59	19.56	19.63	20.7	5
5	256QAM	12	7	19.57	19.94	19.79		
5	256QAM	12	13	19.84	19.88	19.71		
5	256QAM	25	0	19.75	19.73	19.72		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	24.03	23.84	23.91		
20	QPSK	1	49	23.95	23.81	23.94	25	0
20	QPSK	1	99	24.12	23.97	23.99		
20	QPSK	50	0	23.12	22.95	23.08		
20	QPSK	50	24	23.10	22.96	23.09	24	1
20	QPSK	50	50	23.11	22.97	23.05		
20	QPSK	100	0	23.08	22.93	23.05		
20	16QAM	1	0	23.24	23.02	23.09		
20	16QAM	1	49	23.27	23.12	23.21	24	1
20	16QAM	1	99	23.29	23.11	23.21		
20	16QAM	50	0	22.09	21.94	22.12		
20	16QAM	50	24	22.16	21.95	22.12	23	2
20	16QAM	50	50	22.14	22.01	22.12		
20	16QAM	100	0	22.13	21.90	22.09		
20	64QAM	1	0	22.06	21.93	22.01		
20	64QAM	1	49	22.09	21.93	22.07	23	2
20	64QAM	1	99	22.16	22.00	22.09		
20	64QAM	50	0	21.10	20.92	21.08		
20	64QAM	50	24	21.14	20.99	21.08	22	3
20	64QAM	50	50	21.18	20.97	21.12		
20	64QAM	100	0	21.07	20.92	21.09		
20	256QAM	1	0	18.66	18.58	18.49		
20	256QAM	1	49	18.57	18.47	18.42	20	5
20	256QAM	1	99	18.49	18.40	18.45		
20	256QAM	50	0	18.82	18.72	18.71		
20	256QAM	50	24	18.83	18.70	18.68	20	5
20	256QAM	50	50	18.76	18.64	18.67		
20	256QAM	100	0	18.73	18.63	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.10	23.91	24.08		
15	QPSK	1	37	24.06	23.94	24.07	25	0
15	QPSK	1	74	24.11	24.07	24.11		
15	QPSK	36	0	23.05	22.96	23.08		
15	QPSK	36	20	23.08	22.93	23.06	24	1
15	QPSK	36	39	23.13	22.94	23.08		
15	QPSK	75	0	23.07	22.93	23.06		
15	16QAM	1	0	23.24	23.07	23.20		
15	16QAM	1	37	23.27	23.08	23.23	24	1
15	16QAM	1	74	23.25	23.06	23.21		
15	16QAM	36	0	21.99	21.89	22.03		
15	16QAM	36	20	22.05	21.91	22.01	23	2
15	16QAM	36	39	22.13	21.93	22.07		
15	16QAM	75	0	22.09	21.92	22.06		
15	64QAM	1	0	22.05	21.94	22.04		
15	64QAM	1	37	22.15	21.97	22.05	23	2
15	64QAM	1	74	22.18	21.98	22.06		
15	64QAM	36	0	21.08	20.98	21.09		
15	64QAM	36	20	21.13	20.92	21.09	22	3
15	64QAM	36	39	21.17	21.00	21.08		
15	64QAM	75	0	21.08	20.94	21.11		
15	256QAM	1	0	18.75	18.71	18.75		
15	256QAM	1	37	18.83	18.82	18.77	20	5
15	256QAM	1	74	18.83	18.83	18.70		
15	256QAM	36	0	18.85	18.79	18.76		
15	256QAM	36	20	18.53	18.70	18.57	20	5
15	256QAM	36	39	18.53	18.56	18.73		
15	256QAM	75	0	18.60	18.62	18.79		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2570	2590	2610		
10	QPSK	1	0	24.00	23.83	23.96		
10	QPSK	1	25	24.11	23.88	23.96	25	0
10	QPSK	1	49	24.06	23.89	23.97		
10	QPSK	25	0	23.12	23.02	23.12		
10	QPSK	25	12	23.14	22.96	23.11	24	1
10	QPSK	25	25	23.13	22.93	23.09		
10	QPSK	50	0	23.07	22.96	23.11		
10	16QAM	1	0	23.31	23.03	23.20		
10	16QAM	1	25	23.31	23.13	23.19	24	1
10	16QAM	1	49	23.35	23.08	23.21		
10	16QAM	25	0	22.12	21.98	22.18		
10	16QAM	25	12	22.21	21.99	22.18	23	2
10	16QAM	25	25	22.20	21.96	22.14		
10	16QAM	50	0	22.13	21.95	22.15		
10	64QAM	1	0	22.12	21.94	22.09		
10	64QAM	1	25	22.13	21.97	22.04	23	2
10	64QAM	1	49	22.16	21.90	22.12		
10	64QAM	25	0	21.17	21.08	21.21		
10	64QAM	25	12	21.22	21.00	21.18	22	3
10	64QAM	25	25	21.23	20.99	21.17		
10	64QAM	50	0	21.14	20.94	21.16		
10	256QAM	1	0	18.73	18.83	18.74		
10	256QAM	1	25	18.82	18.76	18.74	20	5
10	256QAM	1	49	18.83	18.64	18.58		
10	256QAM	25	0	18.77	18.66	18.63		
10	256QAM	25	12	18.69	18.70	18.65	20	5
10	256QAM	25	25	18.68	18.72	18.61		
10	256QAM	50	0	18.73	18.51	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.05	23.90	24.02		
5	QPSK	1	12	24.09	23.96	23.99	25	0
5	QPSK	1	24	24.08	23.83	24.08		
5	QPSK	12	0	23.14	22.95	23.10		
5	QPSK	12	7	23.14	22.91	23.12	24	1
5	QPSK	12	13	23.10	22.96	23.10		
5	QPSK	25	0	23.12	22.96	23.11		
5	16QAM	1	0	23.33	23.06	23.19		
5	16QAM	1	12	23.33	23.08	23.25	24	1
5	16QAM	1	24	23.34	23.06	23.36		
5	16QAM	12	0	22.13	21.93	22.12		
5	16QAM	12	7	22.13	21.97	22.14	23	2
5	16QAM	12	13	22.13	21.96	22.09		
5	16QAM	25	0	22.13	22.02	22.18		
5	64QAM	1	0	22.17	21.96	22.13		
5	64QAM	1	12	22.17	21.93	22.04	23	2
5	64QAM	1	24	22.17	21.98	22.14		
5	64QAM	12	0	21.17	20.98	21.10		
5	64QAM	12	7	21.19	20.97	21.12	22	3
5	64QAM	12	13	21.17	20.99	21.15		
5	64QAM	25	0	21.24	21.05	21.26		
5	256QAM	1	0	18.53	18.50	18.66		
5	256QAM	1	12	18.67	18.59	18.59	20	5
5	256QAM	1	24	18.80	18.68	18.52		
5	256QAM	12	0	18.77	18.71	18.68		
5	256QAM	12	7	18.66	18.76	18.78	20	5
5	256QAM	12	13	18.81	18.81	18.59		
5	256QAM	25	0	18.63	18.82	18.60		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2540.5	2593	2636.5	2680		
20	QPSK	1	0	23.04	23.24	23.38	23.24	23.09		
20	QPSK	1	49	23.10	23.31	23.35	23.25	23.18	24	0
20	QPSK	1	99	23.15	23.45	23.47	23.33	23.21		
20	QPSK	50	0	22.15	22.42	22.41	22.35	22.21		
20	QPSK	50	24	22.11	22.29	22.37	22.22	22.16	23	1
20	QPSK	50	50	22.14	22.27	22.35	22.31	22.11		
20	QPSK	100	0	22.12	22.38	22.37	22.25	22.13		
20	16QAM	1	0	22.11	22.33	22.43	22.25	22.17		
20	16QAM	1	49	22.12	22.24	22.30	22.28	22.14	23	1
20	16QAM	1	99	22.13	22.27	22.35	22.31	22.08		
20	16QAM	50	0	21.09	21.28	21.45	21.24	21.22		
20	16QAM	50	24	21.11	21.31	21.43	21.27	21.19	22	2
20	16QAM	50	50	21.14	21.29	21.38	21.27	21.18		
20	16QAM	100	0	21.15	21.25	21.36	21.27	21.16		
20	64QAM	1	0	20.92	20.96	21.18	20.96	20.85		
20	64QAM	1	49	20.82	20.98	21.08	20.95	20.82	22	2
20	64QAM	1	99	20.80	20.98	21.03	20.92	20.82		
20	64QAM	50	0	20.05	20.25	20.39	20.21	20.16		
20	64QAM	50	24	20.08	20.25	20.38	20.23	20.14	21	3
20	64QAM	50	50	20.13	20.29	20.33	20.23	20.13		
20	64QAM	100	0	20.08	20.24	20.31	20.18	20.17		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65		
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90	19	5
20	256QAM	1	99	17.84	17.70	17.80	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71		
20	256QAM	50	24	17.85	17.75	17.93	17.63	17.86	19	5
20	256QAM	50	50	17.71	17.84	17.67	17.85	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.85	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.12	23.31	23.45	23.24	23.27		
15	QPSK	1	37	23.14	23.28	23.35	23.17	23.08	24.00	0
15	QPSK	1	74	23.11	23.23	23.42	23.22	23.06		
15	QPSK	36	0	22.16	22.19	22.38	22.30	22.03		
15	QPSK	36	20	22.14	22.24	22.35	22.19	22.24	23	1
15	QPSK	36	39	22.05	22.18	22.38	22.27	22.07		
15	QPSK	75	0	22.10	22.28	22.30	22.15	22.12		
15	16QAM	1	0	22.11	22.32	22.51	22.30	22.17		
15	16QAM	1	37	22.18	22.14	22.22	22.28	22.21	23	1
15	16QAM	1	74	22.13	22.24	22.38	22.22	22.10		
15	16QAM	36	0	21.14	21.38	21.51	21.20	21.15		
15	16QAM	36	20	21.07	21.29	21.45	21.34	21.13	22	2
15	16QAM	36	39	21.18	21.22	21.28	21.37	21.20		
15	16QAM	75	0	21.16	21.25	21.40	21.26	21.10		
15	64QAM	1	0	20.86	20.87	21.20	20.90	20.82		
15	64QAM	1	37	20.74	21.03	21.05	20.92	20.75	22	2
15	64QAM	1	74	20.82	21.06	21.05	20.88	20.89		
15	64QAM	36	0	20.08	20.32	20.49	20.14	20.24		
15	64QAM	36	20	20.15	20.30	20.35	20.23	20.08	21	3
15	64QAM	36	39	20.09	20.24	20.35	20.24	20.14		
15	64QAM	75	0	19.99	20.22	20.27	20.18	20.27		
15	256QAM	1	0	17.95	17.71	17.93	17.79	17.88		
15	256QAM	1	37	17.68	17.59	17.69	17.61	17.81	19	5
15	256QAM	1	74	17.89	17.65	17.68	17.68	17.71		
15	256QAM	36	0	17.64	17.65	17.58	17.89	17.60		
15	256QAM	36	20	17.79	17.87	17.86	17.93	17.94	19	5
15	256QAM	36	39	17.63	17.69	17.67	17.93	17.90		
15	256QAM	75	0	17.87	17.72	17.81	17.65	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.17	23.24	23.28	23.27	23.29		
10	QPSK	1	25	23.19	23.22	23.37	23.17	23.14	24.00	0
10	QPSK	1	49	23.04	23.23	23.34	23.24	23.06		
10	QPSK	25	0	22.24	22.31	22.50	22.30	22.11		
10	QPSK	25	12	22.20	22.29	22.43	22.28	22.25	23	1
10	QPSK	25	25	22.15	22.34	22.26	22.26	22.07		
10	QPSK	50	0	22.18	22.15	22.43	22.25	22.14		
10	16QAM	1	0	22.05	22.43	22.47	22.25	22.24		
10	16QAM	1	25	22.09	22.31	22.31	22.21	22.19	23	1
10	16QAM	1	49	22.18	22.17	22.28	22.22	21.99		
10	16QAM	25	0	21.11	21.29	21.52	21.32	21.26		
10	16QAM	25	12	21.02	21.27	21.45	21.27	21.22	22	2
10	16QAM	25	25	21.04	21.27	21.39	21.33	21.18		
10	16QAM	50	0	21.12	21.34	21.36	21.31	21.26		
10	64QAM	1	0	20.98	20.89	21.26	20.87	20.89		
10	64QAM	1	25	20.77	20.95	21.04	21.01	20.82	22	2
10	64QAM	1	49	20.82	21.07	20.95	20.89	20.86		
10	64QAM	25	0	20.13	20.28	20.48	20.13	20.21		
10	64QAM	25	12	20.14	20.31	20.28	20.15	20.04	21	3
10	64QAM	25	25	20.19	20.37	20.43	20.21	20.20		
10	64QAM	50	0	20.18	20.24	20.27	20.24	20.09		
10	256QAM	1	0	17.79	17.83	17.87	17.64	17.77		
10	256QAM	1	25	17.85	17.91	17.65	17.76	17.94	19	5
10	256QAM	1	49	17.92	17.87	17.79	17.91	17.69		
10	256QAM	25	0	17.65	17.77	17.91	17.73	17.88		
10	256QAM	25	12	17.83	17.61	17.78	17.75	17.76	19	5
10	256QAM	25	25	17.64	17.90	17.81	17.90	17.92		
10	256QAM	50	0	17.88	17.85	17.86	17.81	17.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.04	23.21	23.41	23.26	23.14		
5	QPSK	1	12	23.10	23.35	23.34	23.24	23.09	24.00	0
5	QPSK	1	24	23.18	23.26	23.37	23.35	23.06		
5	QPSK	12	0	22.14	22.33	22.35	22.30	22.17		
5	QPSK	12	7	22.20	22.20	22.36	22.13	22.25	23	1
5	QPSK	12	13	22.05	22.37	22.38	22.27	22.20		
5	QPSK	25	0	22.11	22.20	22.38	22.22	22.22		
5	16QAM	1	0	22.06	22.24	22.34	22.35	22.09		
5	16QAM	1	12	22.10	22.32	22.22	22.34	22.20	23	1
5	16QAM	1	24	22.05	22.21	22.39	22.37	22.12		
5	16QAM	12	0	21.15	21.38	21.47	21.21	21.12		
5	16QAM	12	7	21.12	21.29	21.53	21.30	21.22	22	2
5	16QAM	12	13	21.21	21.25	21.44	21.20	21.21		
5	16QAM	25	0	21.13	21.19	21.41	21.18	21.09		
5	64QAM	1	0	20.89	20.88	21.13	20.88	20.91		
5	64QAM	1	12	20.90	21.07	21.17	21.03	20.79	22	2
5	64QAM	1	24	20.72	21.03	21.09	20.89	20.90		
5	64QAM	12	0	20.11	20.24	20.45	20.31	20.17		
5	64QAM	12	7	20.09	20.21	20.40	20.27	20.13	21	3
5	64QAM	12	13	20.21	20.31	20.41	20.14	20.17		
5	64QAM	25	0	20.03	20.21	20.21	20.12	20.16		
5	256QAM	1	0	17.61	17.59	17.59	17.92	17.69		
5	256QAM	1	12	17.89	17.69	17.92	17.94	17.75	19	5
5	256QAM	1	24	17.62	17.72	17.88	17.79	17.69		
5	256QAM	12	0	17.86	17.91	17.85	17.60	17.84		
5	256QAM	12	7	17.90	17.74	17.59	17.73	17.70	19	5
5	256QAM	12	13	17.65	17.95	17.67	17.92	17.69		
5	256QAM	25	0	17.78	17.91	17.84	17.67	17.60		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2540.5	2593	2636.5	2680		
20	QPSK	1	0	24.63	24.70	24.95	24.77	25.05		
20	QPSK	1	49	24.62	24.79	25.06	24.73	25.03	25.5	0
20	QPSK	1	99	24.67	25.13	25.12	24.78	25.10		
20	QPSK	50	0	23.82	24.15	24.14	23.79	24.07		
20	QPSK	50	24	23.63	23.79	24.09	23.74	24.06		
20	QPSK	50	50	23.69	23.83	24.09	23.71	24.04	24.5	1
20	QPSK	100	0	23.66	24.05	24.03	23.81	24.02		
20	16QAM	1	0	23.64	23.86	24.00	23.72	23.97		
20	16QAM	1	49	23.70	23.70	24.05	23.79	24.01	24.5	1
20	16QAM	1	99	23.88	23.80	24.08	23.84	24.00		
20	16QAM	50	0	22.59	22.82	23.04	22.82	23.01		
20	16QAM	50	24	22.63	22.84	23.05	22.85	23.04	23.5	2
20	16QAM	50	50	22.72	22.81	23.07	22.88	23.04		
20	16QAM	100	0	22.69	22.77	23.01	22.83	23.00		
20	64QAM	1	0	22.37	22.58	22.72	22.54	22.71		
20	64QAM	1	49	22.39	22.57	22.73	22.55	22.79	23.5	2
20	64QAM	1	99	22.42	22.54	22.80	22.58	22.77		
20	64QAM	50	0	21.57	21.79	21.95	21.85	22.03		
20	64QAM	50	24	21.65	21.81	22.02	21.79	22.04	22.5	3
20	64QAM	50	50	21.74	21.83	21.99	21.81	21.97		
20	64QAM	100	0	21.66	21.77	21.86	21.79	21.99		
20	256QAM	1	0	19.79	19.60	19.86	19.59	19.70		
20	256QAM	1	49	19.46	19.52	19.75	19.95	19.82	20.5	5
20	256QAM	1	99	19.83	19.56	19.77	19.74	19.79		
20	256QAM	50	0	19.78	19.92	19.49	19.65	19.87		
20	256QAM	50	24	19.62	19.83	19.77	19.53	19.49	20.5	5
20	256QAM	50	50	19.74	19.62	19.73	19.93	19.56		
20	256QAM	100	0	19.73	19.58	19.75	19.81	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.60	25.03	24.87	24.82	24.91		
15	QPSK	1	37	24.54	25.01	24.83	24.79	24.99	25.50	0
15	QPSK	1	74	24.61	25.07	24.85	24.88	24.97		
15	QPSK	36	0	23.50	23.95	23.81	23.74	23.94		
15	QPSK	36	20	23.50	23.99	23.75	23.75	23.96	24.5	1
15	QPSK	36	39	23.59	24.02	23.74	23.72	23.95		
15	QPSK	75	0	23.59	23.98	23.81	23.75	23.96		
15	16QAM	1	0	23.63	23.95	23.84	23.74	23.95		
15	16QAM	1	37	23.66	23.98	23.78	23.75	23.96	24.5	1
15	16QAM	1	74	23.65	24.06	23.78	23.73	24.01		
15	16QAM	36	0	22.49	22.91	22.77	22.72	22.92		
15	16QAM	36	20	22.51	22.99	22.73	22.69	22.92	23.5	2
15	16QAM	36	39	22.54	23.01	22.71	22.72	22.91		
15	16QAM	75	0	22.64	23.00	22.74	22.74	22.98		
15	64QAM	1	0	22.35	22.66	22.54	22.42	22.61		
15	64QAM	1	37	22.29	22.72	22.51	22.50	22.66	23.5	2
15	64QAM	1	74	22.30	22.80	22.51	22.43	22.73		
15	64QAM	36	0	21.56	22.00	21.76	21.73	21.95		
15	64QAM	36	20	21.53	21.98	21.72	21.70	21.99	22.5	3
15	64QAM	36	39	21.59	22.00	21.74	21.71	21.94		
15	64QAM	75	0	21.58	21.96	21.73	21.70	21.96		
15	256QAM	1	0	19.49	19.43	19.94	19.45	19.44		
15	256QAM	1	37	19.51	19.76	19.46	19.73	19.77	20.5	5
15	256QAM	1	74	19.88	19.50	19.61	19.62	19.51		
15	256QAM	36	0	19.42	19.63	19.44	19.52	19.58		
15	256QAM	36	20	19.73	19.44	19.93	19.64	19.83	20.5	5
15	256QAM	36	39	19.79	19.83	19.99	19.55	19.88		
15	256QAM	75	0	19.62	19.63	19.90	19.61	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.51	24.96	24.78	24.89	24.91		
10	QPSK	1	25	24.45	25.11	24.88	24.73	25.07	25.50	0
10	QPSK	1	49	24.67	25.10	24.82	24.93	24.91		
10	QPSK	25	0	23.49	23.85	23.75	23.79	24.00		
10	QPSK	25	12	23.55	23.96	23.68	23.68	23.87	24.5	1
10	QPSK	25	25	23.57	24.02	23.82	23.62	23.97		
10	QPSK	50	0	23.62	24.05	23.78	23.83	23.87		
10	16QAM	1	0	23.71	24.01	23.92	23.80	23.96		
10	16QAM	1	25	23.59	24.00	23.73	23.80	24.05	24.5	1
10	16QAM	1	49	23.55	24.11	23.70	23.63	23.95		
10	16QAM	25	0	22.41	22.82	22.84	22.79	22.98		
10	16QAM	25	12	22.44	22.91	22.71	22.78	23.01	23.5	2
10	16QAM	25	25	22.58	23.05	22.78	22.83	22.82		
10	16QAM	50	0	22.71	22.98	22.68	22.68	22.93		
10	64QAM	1	0	22.39	22.67	22.45	22.52	22.57		
10	64QAM	1	25	22.34	22.75	22.44	22.45	22.72	23.5	2
10	64QAM	1	49	22.36	22.83	22.46	22.37	22.68		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.16	25.33	25.57	25.50	25.52	25.7	0
20	QPSK	1	49	25.21	25.41	25.58	25.45	25.55		
20	QPSK	1	99	25.22	25.65	25.64	25.57	25.61		
20	QPSK	50	0	24.18	24.68	24.67	24.57	24.61	24.7	1
20	QPSK	50	24	24.13	24.40	24.61	24.47	24.56		
20	QPSK	50	50	24.10	24.38	24.52	24.51	24.47		
20	QPSK	100	0	24.17	24.59	24.58	24.49	24.57		
20	16QAM	1	0	24.22	24.38	24.38	24.45	24.64	24.7	1
20	16QAM	1	49	24.13	24.45	24.36	24.48	24.55		
20	16QAM	1	99	24.19	24.57	24.32	24.47	24.53		
20	16QAM	50	0	23.13	23.51	23.40	23.49	23.63	23.7	2
20	16QAM	50	24	23.17	23.53	23.44	23.49	23.57		
20	16QAM	50	50	23.25	23.51	23.46	23.53	23.59		
20	16QAM	100	0	23.19	23.47	23.42	23.52	23.58		
20	64QAM	1	0	23.17	23.15	23.13	23.23	23.25	23.7	2
20	64QAM	1	49	23.21	23.19	23.21	23.20	23.23		
20	64QAM	1	99	23.22	23.27	23.22	23.17	23.28		
20	64QAM	50	0	22.14	22.48	22.36	22.46	22.56	22.7	3
20	64QAM	50	24	22.14	22.50	22.42	22.45	22.58		
20	64QAM	50	50	22.25	22.50	22.46	22.51	22.53		
20	64QAM	100	0	22.17	22.42	22.38	22.48	22.53		
20	256QAM	1	0	20.29	20.13	20.24	20.38	20.18	20.7	5
20	256QAM	1	49	20.38	20.19	20.19	20.20	20.17		
20	256QAM	1	99	20.18	20.24	20.27	20.29	20.33		
20	256QAM	50	0	20.30	20.18	20.44	20.10	20.39	20.7	5
20	256QAM	50	24	20.33	20.29	20.31	20.22	20.33		
20	256QAM	50	50	20.19	20.16	20.15	20.33	20.24		
20	256QAM	100	0	20.13	20.19	20.24	20.39	20.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.12	25.15	25.53	25.46	25.52	25.70	0
15	QPSK	1	37	25.08	25.24	25.52	25.53	25.58		
15	QPSK	1	74	25.16	25.20	25.57	25.58	25.61		
15	QPSK	36	0	24.03	24.03	24.46	24.45	24.61	24.7	1
15	QPSK	36	20	24.06	24.05	24.44	24.43	24.56		
15	QPSK	36	39	24.12	24.08	24.47	24.45	24.57		
15	QPSK	75	0	24.10	24.02	24.45	24.45	24.57		
15	16QAM	1	0	24.13	24.13	24.40	24.47	24.64	24.7	1
15	16QAM	1	37	24.10	24.11	24.44	24.48	24.55		
15	16QAM	1	74	24.15	24.09	24.53	24.46	24.53		
15	16QAM	36	0	23.28	23.00	23.41	23.40	23.63	23.7	2
15	16QAM	36	20	23.06	23.04	23.45	23.42	23.57		
15	16QAM	36	39	23.11	23.05	23.42	23.41	23.59		
15	16QAM	75	0	23.10	23.10	23.46	23.49	23.58		
15	64QAM	1	0	23.10	23.21	23.19	23.20	23.25	23.7	2
15	64QAM	1	37	23.11	23.07	23.22	23.11	23.23		
15	64QAM	1	74	23.16	23.13	23.26	23.12	23.28		
15	64QAM	36	0	22.02	22.03	22.44	22.42	22.56	22.7	3
15	64QAM	36	20	22.07	22.03	22.41	22.42	22.58		
15	64QAM	36	39	22.12	22.04	22.48	22.46	22.53		
15	64QAM	75	0	22.06	22.06	22.48	22.43	22.53		
15	256QAM	1	0	20.15	20.14	20.38	20.24	20.27	20.7	5
15	256QAM	1	37	20.15	20.29	20.18	20.30	20.36		
15	256QAM	1	74	20.28	20.23	20.31	20.37	20.12		
15	256QAM	36	0	20.14	20.38	20.41	20.40	20.21	20.7	5
15	256QAM	36	20	20.39	20.14	20.19	20.36	20.29		
15	256QAM	36	39	20.35	20.17	20.20	20.38	20.34		
15	256QAM	75	0	20.39	20.28	20.24	20.34	20.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.10	25.51	25.47	25.48	25.57	25.70	0
10	QPSK	1	25	25.14	25.56	25.50	25.54	25.53		
10	QPSK	1	49	25.17	25.56	25.46	25.47	25.61		
10	QPSK	25	0	24.08	24.43	24.42	24.41	24.57	24.7	1
10	QPSK	25	12	24.07	24.46	24.40	24.47	24.53		
10	QPSK	25	25	24.09	24.48	24.39	24.48	24.57		
10	QPSK	50	0	24.07	24.45	24.40	24.46	24.56		
10	16QAM	1	0	24.07	24.42	24.39	24.44	24.51	24.7	1
10	16QAM	1	25	24.14	24.42	24.36	24.46	24.52		
10	16QAM	1	49	24.09	24.49	24.39	24.47	24.51		
10	16QAM	25	0	23.04	23.50	23.43	23.44	23.57	23.7	2
10	16QAM	25	12	23.09	23.47	23.48	23.48	23.57		
10	16QAM	25	25	23.15	23.51	23.39	23.52	23.58		
10	16QAM	50	0	23.10	23.50	23.44	23.47	23.56		
10	64QAM	1	0	23.09	23.17	23.20	23.18	23.22	23.7	2
10	64QAM	1	25	23.13	23.18	23.16	23.17	23.28		
10	64QAM	1	49	23.12	23.26	23.21	23.11	23.35		
10	64QAM	25	0	22.08	22.46	22.45	22.47	22.58	22.7	3
10	64QAM	25	12	22.11	22.51	22.42	22.51	22.59		
10	64QAM	25	25	22.16	22.53	22.39	22.54	22.58		
10	64QAM	50	0	22.06	22.44	22.35	22.44	22.56		
10	256QAM	1	0	20.44	20.19	20.25	20.11	20.33	20.7	5
10	256QAM	1	25	20.20	20.41	20.27	20.12	20.14		
10	256QAM	1	49	20.24	20.36	20.33	20.43	20.22		
10	256QAM	25	0	20.34	20.23	20.35	20.13	20.35	20.7	5
10	256QAM	25	12	20.33	20.24	20.25	20.25	20.28		
10	256QAM	25	25	20.29	20.10	20.29	20.44	20.40		
10	256QAM	50	0	20.22	20.12	20.24	20.30	20.21		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.11	25.53	25.47	25.44	25.61	25.70	0
5	QPSK	1	12	25.17	25.62	25.48	25.52	25.60		
5	QPSK	1	24	25.13	25.54	25.48	25.45	25.57		
5	QPSK	12	0	24.13	24.42	24.40	24.46	24.47	24.7	1
5	QPSK	12	7	24.04	24.45	24.38	24.44	24.55		
5	QPSK	12	13	24.04	24.49	24.38	24.47	24.54		
5	QPSK	25	0	24.03	24.44	24.37	24.39	24.52		
5	16QAM	1	0	24.07	24.45	24.36	24.42	24.46	24.7	1
5	16QAM	1	12	24.08	24.47	24.41	24.45	24.50		
5	16QAM	1	24	24.05	24.50	24.36	24.50	24.51		
5	16QAM	12	0	23.10	23.41	23.36	23.40	23.43	23.7	2
5	16QAM	12	7	23.04	23.41	23.35	23.39	23.50		
5	16QAM	12	13	23.29	23.41	23.36	23.42	23.48		
5	16QAM	25	0	23.05	23.45	23.41	23.48	23.56		
5	64QAM	1	0	23.16	23.21	23.26	23.18	23.30	23.7	2
5	64QAM	1	12	23.11	23.24	23.24	23.17	23.27		
5	64QAM	1	24	23.15	23.29	23.21	23.14	23.36		
5	64QAM	12	0	22.04	22.42	22.37	22.40	22.50	22.7	3
5	64QAM	12	7	22.05	22.45	22.35	22.47	22.53		
5	64QAM	12	13	22.04	22.44	22.34	22.35	22.47		
5	64QAM	25	0	22.06	22.49	22.42	22.50	22.60		
5	256QAM	1	0	20.27	20.40	20.33	20.44	20.23	20.7	5
5	256QAM	1	12	20.37	20.31	20.38	20.21	20.32		
5	256QAM	1	24	20.34	20.18	20.17	20.21	20.35		
5	256QAM	12	0	20.21	20.28	20.38	20.24	20.45	20.7	5
5	256QAM	12	7	20.14	20.15	20.27	20.12	20.34		
5	256QAM	12	13	20.28	20.45	20.24	20.45	20.25		
5	256QAM	25	0	20.18	20.40	20.39	20.12	20.12		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.04	24.29	24.42	24.31	24.35	25	0
20	QPSK	1	49	24.06	24.30	24.49	24.30	24.35		
20	QPSK	1	99	24.08	24.58	24.56	24.40	24.48		
20	QPSK	50	0	23.08	23.45	23.44	23.39	23.38	24	1
20	QPSK	50	24	23.07	23.32	23.18	23.35	23.37		
20	QPSK	50	50	23.05	23.30	23.18	23.38	23.25		
20	QPSK	100	0	23.05	23.36	23.35	23.21	23.11		
20	16QAM	1	0	23.07	23.29	23.12	23.40	23.42	24	1
20	16QAM	1	49	23.00	23.30	23.14	23.34	23.40		
20	16QAM	1	99	23.09	23.40	23.19	23.34	23.45		
20	16QAM	50	0	22.09	22.32	22.13	22.42	22.37	23	2
20	16QAM	50	24	22.10	22.30	22.17	22.39	22.38		
20	16QAM	50	50	22.07	22.35	22.23	22.40	22.46		
20	16QAM	100	0	22.07	22.30	22.15	22.36	22.39		
20	64QAM	1	0	21.77	21.99	21.83	22.07	22.12	23	2
20	64QAM	1	49	21.75	22.09	21.86	22.11	22.08		
20	64QAM	1	99	21.78	22.12	21.92	22.07	22.16		
20	64QAM	50	0	21.00	21.25	21.14	21.39	21.40	22	3
20	64QAM	50	24	21.08	21.28	21.18	21.32	21.37		
20	64QAM	50	50	21.11	21.37	21.25	21.38	21.44		
20	64QAM	100	0	21.04	21.36	21.14	21.33	21.35		
20	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	5
20	256QAM	1	49	19.57	19.20	19.36	19.41	19.67		
20	256QAM	1	99	19.51	19.60	19.59	19.28	19.32		
20	256QAM	50	0	19.72	19.29	19.57	19.23	19.22	20	5
20	256QAM	50	24	19.64	19.24	19.59	19.70	19.69		
20	256QAM	50	50	19.49	19.20	19.23	19.39	19.38		
20	256QAM	100	0	19.75	19.54	19.29	19.68	19.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.06	24.26	24.10	24.32	24.32	25.00	0
15	QPSK	1	37	24.01	24.37	24.13	24.43	24.38		
15	QPSK	1	74	24.07	24.33	24.19	24.32	24.43		
15	QPSK	36	0	22.98	23.26	23.10	23.32	23.31	24	1
15	QPSK	36	20	22.98	23.24	23.05	23.32	23.32		
15	QPSK	36	39	22.99	23.25	23.08	23.31	23.34		
15	QPSK	75	0	23.01	23.28	23.14	23.32	23.37		
15	16QAM	1	0	23.05	23.33	23.13	23.34	23.35	24	1
15	16QAM	1	37	22.97	23.35	23.15	23.37	23.37		
15	16QAM	1	74	23.00	23.39	23.18	23.34	23.39		
15	16QAM	36	0	21.93	22.19	22.05	22.25	22.30	23	2
15	16QAM	36	20	21.97	22.22	22.02	22.29	22.31		
15	16QAM	36	39	21.93	22.26	22.05	22.32	22.34		
15	16QAM	75	0	22.00	22.26	22.14	22.35	22.38		
15	64QAM	1	0	21.73	22.02	21.83	22.04	22.09	23	2
15	64QAM	1	37	21.71	22.06	21.85	22.12	22.09		
15	64QAM	1	74	21.72	22.12	21.90	22.08	22.14		
15	64QAM	36	0	20.94	21.33	21.14	21.29	21.31	22	3
15	64QAM	36	20	21.01	21.25	21.11	21.30	21.32		
15	64QAM	36	39	21.04	21.29	21.15	21.30	21.35		
15	64QAM	75	0	21.05	21.28	21.12	21.32	21.30		
15	256QAM	1	0	19.75	19.28	19.39	19.23	19.61	20	5
15	256QAM	1	37	19.26	19.65	19.37	19.40	19.39		
15	256QAM	1	74	19.56	19.45	19.29	19.36	19.69		
15	256QAM	36	0	19.71	19.62	19.58	19.25	19.64	20	5
15	256QAM	36	20	19.75	19.39	19.69	19.74	19.53		
15	256QAM	36	39	19.26	19.29	19.28	19.41	19.28		
15	256QAM	75	0	19.71	19.53	19.34	19.53	19.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.10	24.29	24.12	24.30	24.35	25.00	0
10	QPSK	1	25	24.04	24.25	24.14	24.32	24.40		
10	QPSK	1	49	24.03	24.36	24.14	24.31	24.46		
10	QPSK	25	0	23.03	23.24	23.14	23.31	23.31	24	1
10	QPSK	25	12	22.95	23.28	23.12	23.33	23.36		
10	QPSK	25	25	22.92	23.25	23.06	23.31	23.39		
10	QPSK	50	0	22.97	23.29	23.15	23.38	23.40		
10	16QAM	1	0	22.97	23.27	23.13	23.41	23.38	24	1
10	16QAM	1	25	23.01	23.31	23.12	23.35	23.43		
10	16QAM	1	49	22.96	23.36	23.18	23.39	23.41		
10	16QAM	25	0	22.05	22.26	22.16	22.34	22.33	23	2
10	16QAM	25	12	21.98	22.27	22.14	22.33	22.42		
10	16QAM	25	25	21.93	22.26	22.15	22.35	22.41		
10	16QAM	50	0	21.96	22.25	22.12	22.36	22.36		
10	64QAM	1	0	21.68	21.99	21.86	22.05	22.07	23	2
10	64QAM	1	25	21.67	22.00	21.87	22.08	22.13		
10	64QAM	1	49	21.66	22.07	21.77	21.99	22.10		
10	64QAM	25	0	21.01	21.32	21.18	21.38	21.38	22	3
10	64QAM	25	12	21.04	21.28	21.22	21.36	21.35		
10	64QAM	25	25	21.08	21.33	21.19	21.39	21.43		
10	64QAM	50	0	21.01	21.29	21.15	21.32	21.38		
10	256QAM	1	0	19.56	19.71	19.39	19.33	19.32	20	5
10	256QAM	1	25	19.63	19.65	19.69	19.34	19.40		
10	256QAM	1	49	19.69	19.38	19.73	19.38	19.59		
10	256QAM	25	0	19.25	19.25	19.24	19.70	19.24	20	5
10	256QAM	25	12	19.72	19.58	19.21	19.33	19.41		
10	256QAM	25	25	19.44	19.44	19.49	19.57	19.46		
10	256QAM	50	0	19.75	19.58	19.37	19.33	19.24		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.10	24.36	24.21	24.35	24.39	25.00	0
5	QPSK	1	12	24.04	24.34	24.23	24.42	24.31		
5	QPSK	1	24	24.13	24.39	24.25	24.35	24.43		
5	QPSK	12	0	23.06	23.26	23.10	23.29	23.35	24	1
5	QPSK	12	7	23.02	23.26	23.12	23.37	23.37		
5	QPSK	12	13	22.96	23.26	23.10	23.34	23.36		
5	QPSK	25	0	23.02	23.27	23.10	23.33	23.36		
5	16QAM	1	0	22.99	23.36	23.14	23.36	23.41	24	1
5	16QAM	1	12	23.04	23.32	23.12	23.42	23.36		
5	16QAM	1	24	23.01	23.41	23.18	23.37	23.35		
5	16QAM	12	0	21.99	22.22	22.06	22.24	22.27	23	2
5	16QAM	12	7	21.93	22.24	22.03	22.29	22.31		
5	16QAM	12	13	21.90	22.21	22.04	22.27	22.29		
5	16QAM	25	0	22.05	22.29	22.11	22.32	22.37	23	2
5	64QAM	1	0	21.80	22.01	21.91	22.04	22.05		
5	64QAM	1	12	21.73	22.07	21.93	21.99	22.10		
5	64QAM	1	24	21.75	22.07	21.88	21.99	22.01		
5	64QAM	12	0	21.07	21.27	21.15	21.32	21.32	22	3
5	64QAM	12	7	21.01	21.26	21.09	21.30	21.34		
5	64QAM	12	13	20.95	21.15	21.16	21.27	21.31		
5	64QAM	25	0	21.06	21.37	21.19	21.36	21.42		
5	256QAM	1	0	19.58	19.70	19.65	19.32	19.39	20	5
5	256QAM	1	12	19.64	19.63	19.46	19.66	19.31		
5	256QAM	1	24	19.32	19.21	19.43	19.37	19.34		
5	256QAM	12	0	19.65	19.20	19.56	19.70	19.34	20	5
5	256QAM	12	7	19.24	19.73	19.44	19.60	19.65		
5	256QAM	12	13	19.64	19.37	19.33	19.73	19.49		
5	256QAM	25	0	19.45	19.20	19.39	19.64	19.28		

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GSM850_Ant 0	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	32.78	32.84	32.77	34.00	23.78	23.84	23.77	25.00
GPRS 1 Tx slot	33.03	33.01	33.00	34.00	24.03	24.01	24.00	25.00
GPRS 2 Tx slots	29.76	29.75	29.78	31.00	23.76	23.75	23.78	25.00
GPRS 3 Tx slots	27.74	27.85	27.81	29.20	23.48	23.59	23.55	24.94
GPRS 4 Tx slots	26.26	26.33	26.32	28.00	23.26	23.33	23.32	25.00
EDGE 1 Tx slot	27.16	27.09	27.11	28.00	18.16	18.09	18.11	19.00
EDGE 2 Tx slots	23.94	23.91	24.19	25.00	17.94	17.91	18.19	19.00
EDGE 3 Tx slots	22.07	22.02	22.31	23.20	17.81	17.76	18.05	18.94
EDGE 4 Tx slots	20.58	20.56	20.67	22.00	17.58	17.56	17.67	19.00

GSM850_Ant 1	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	27.54	27.57	27.63	29.00	18.54	18.57	18.63	20.00
GPRS 1 Tx slot	27.64	27.63	27.69	29.00	18.64	18.63	18.69	20.00
GPRS 2 Tx slots	24.44	24.42	24.58	26.00	18.44	18.42	18.58	20.00
GPRS 3 Tx slots	22.49	22.51	22.63	24.20	18.23	18.25	18.37	19.94
GPRS 4 Tx slots	21.09	21.12	21.01	23.00	18.09	18.12	18.01	20.00
EDGE 1 Tx slot	21.64	21.45	21.50	23.00	12.64	12.45	12.50	14.00
EDGE 2 Tx slots	18.32	18.32	18.41	20.00	12.32	12.32	12.41	14.00
EDGE 3 Tx slots	16.61	16.44	16.34	18.20	12.35	12.18	12.08	13.94
EDGE 4 Tx slots	15.17	15.12	15.05	17.00	12.17	12.12	12.05	14.00

GSM1900_Ant 2	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	28.90	28.91	28.75	29.50	19.90	19.91	19.75	20.50
GPRS 1 Tx slot	28.95	28.90	28.74	29.50	19.95	19.90	19.74	20.50
GPRS 2 Tx slots	25.70	25.74	25.63	26.50	19.70	19.74	19.63	20.50
GPRS 3 Tx slots	23.80	23.82	23.74	24.70	19.54	19.56	19.48	20.44
GPRS 4 Tx slots	22.41	22.47	22.35	23.50	19.41	19.47	19.35	20.50
EDGE 1 Tx slot	24.88	24.85	24.73	25.00	15.88	15.85	15.73	16.00
EDGE 2 Tx slots	21.76	21.79	21.76	22.00	15.76	15.79	15.76	16.00
EDGE 3 Tx slots	19.98	20.05	19.94	20.20	15.72	15.79	15.68	15.94
EDGE 4 Tx slots	18.45	18.34	18.20	19.00	15.45	15.34	15.20	16.00

GSM1900_Ant 5	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	24.71	24.76	24.79	26.00	15.71	15.76	15.79	17.00
GPRS 1 Tx slot	24.46	24.53	24.32	26.00	15.46	15.53	15.32	17.00
GPRS 2 Tx slots	21.21	21.31	21.23	23.00	15.21	15.31	15.23	17.00
GPRS 3 Tx slots	19.43	19.41	19.26	21.20	15.17	15.15	15.00	16.94
GPRS 4 Tx slots	18.21	18.32	18.31	20.00	15.21	15.32	15.31	17.00
EDGE 1 Tx slot	21.22	21.01	20.87	21.50	12.22	12.01	11.87	12.50
EDGE 2 Tx slots	17.76	17.51	17.74	18.50	11.76	11.51	11.74	12.50
EDGE 3 Tx slots	15.58	15.63	15.50	16.70	11.32	11.37	11.24	12.44
EDGE 4 Tx slots	14.04	14.06	14.01	15.50	11.04	11.06	11.01	12.50

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA II_Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.92	19.92	19.88	21.00	17.32	17.33	17.26	19.00
3GPP Rel 99	RMC 12.2Kbps	19.93	19.94	19.89	21.00	17.35	17.36	17.27	19.00
3GPP Rel 6	HSDPA Subtest-1	19.05	18.91	18.81	20.00	16.44	16.46	16.34	18.00
3GPP Rel 6	HSDPA Subtest-2	19.04	18.85	18.90	20.00	16.41	16.41	16.44	18.00
3GPP Rel 6	HSDPA Subtest-3	18.35	18.38	18.34	19.50	15.94	15.98	15.81	17.50
3GPP Rel 6	HSDPA Subtest-4	18.41	18.42	18.38	19.50	15.91	15.95	15.91	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.91	18.83	18.78	20.00	16.21	16.19	16.27	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.03	18.93	18.90	20.00	16.12	16.22	16.15	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.44	18.31	18.33	19.50	15.80	15.97	15.70	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.41	18.39	18.23	19.50	15.96	15.91	15.88	17.50
3GPP Rel 6	HSUPA Subtest-1	18.89	18.90	18.82	20.00	13.42	13.48	13.41	18.00
3GPP Rel 6	HSUPA Subtest-2	17.00	16.90	16.79	18.00	13.41	13.45	13.45	16.00
3GPP Rel 6	HSUPA Subtest-3	17.88	17.79	17.91	19.00	14.62	14.61	14.76	17.00
3GPP Rel 6	HSUPA Subtest-4	16.95	16.86	16.79	18.00	12.94	13.11	12.96	16.00
3GPP Rel 6	HSUPA Subtest-5	19.03	18.85	18.85	20.00	14.56	14.51	14.52	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.88	15.96	15.81	17.50	13.25	13.36	13.38	15.50

Band		WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 5			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.07	21.11	21.04	22.00	17.16	17.33	17.23	19.00
3GPP Rel 99	RMC 12.2Kbps	21.09	21.12	21.06	22.00	17.18	17.34	17.26	19.00
3GPP Rel 6	HSDPA Subtest-1	20.07	20.14	20.19	21.00	16.34	16.51	16.46	18.00
3GPP Rel 6	HSDPA Subtest-2	20.03	20.19	20.13	21.00	16.41	16.48	16.36	18.00
3GPP Rel 6	HSDPA Subtest-3	19.53	19.72	19.76	20.50	15.92	16.05	15.89	17.50
3GPP Rel 6	HSDPA Subtest-4	19.53	19.65	19.62	20.50	15.74	16.05	15.96	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.03	20.25	20.23	21.00	16.35	16.22	16.17	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.03	20.22	20.12	21.00	16.32	16.37	16.36	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.60	19.63	19.65	20.50	15.74	15.72	15.89	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.52	19.79	19.57	20.50	15.75	15.85	15.76	17.50
3GPP Rel 6	HSUPA Subtest-1	20.06	20.19	20.26	21.00	14.12	14.19	14.16	18.00
3GPP Rel 6	HSUPA Subtest-2	18.03	18.31	18.07	19.00	14.07	14.20	14.24	16.00
3GPP Rel 6	HSUPA Subtest-3	19.15	19.24	19.13	20.00	15.11	15.32	15.15	17.00
3GPP Rel 6	HSUPA Subtest-4	18.09	18.25	18.12	19.00	13.69	13.85	13.57	16.00
3GPP Rel 6	HSUPA Subtest-5	20.11	20.21	20.18	21.00	15.04	15.14	15.12	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.08	17.25	17.17	18.50	13.95	13.99	13.97	12.50

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.77	22.81	22.76	24.00	19.01	19.03	19.00	21.00
3GPP Rel 99	RMC 12.2Kbps	22.79	22.83	22.79	24.00	19.05	19.06	19.01	21.00
3GPP Rel 6	HSDPA Subtest-1	21.69	21.84	21.74	23.00	18.05	18.04	18.09	20.00
3GPP Rel 6	HSDPA Subtest-2	21.70	21.75	21.74	23.00	18.04	18.06	18.01	20.00
3GPP Rel 6	HSDPA Subtest-3	21.25	21.31	21.40	22.50	17.59	17.59	17.52	19.50
3GPP Rel 6	HSDPA Subtest-4	21.11	21.29	21.39	22.50	17.52	17.53	17.55	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.67	21.85	21.85	23.00	18.03	18.03	18.10	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.58	21.76	21.74	23.00	18.04	18.00	18.22	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.11	21.36	21.40	22.50	17.59	17.50	17.55	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.27	21.20	22.50	17.53	17.60	17.57	19.50
3GPP Rel 6	HSUPA Subtest-1	21.76	21.95	21.89	23.00	14.99	15.21	15.04	20.00
3GPP Rel 6	HSUPA Subtest-2	19.58	19.94	19.77	21.00	13.01	13.10	13.00	18.00
3GPP Rel 6	HSUPA Subtest-3	20.78	20.83	20.73	22.00	14.04	14.14	14.19	19.00
3GPP Rel 6	HSUPA Subtest-4	19.60	19.85	19.72	21.00	14.64	14.71	14.52	18.00
3GPP Rel 6	HSUPA Subtest-5	21.75	21.85	21.75	23.00	16.09	16.14	16.08	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.02	17.85	17.92	20.50	13.86	14.07	14.08	17.50

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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				18700	18900	19100		
				1860	1880	1900		
20	QPSK	1	0	21.43	21.17	21.20	22	0
20	QPSK	1	49	21.22	21.27	21.21		
20	QPSK	1	99	21.38	21.20	21.17		
20	QPSK	50	0	21.42	21.29	21.18		
20	QPSK	50	24	21.35	21.23	21.17	22	0
20	QPSK	50	50	21.30	21.12	21.13		
20	QPSK	100	0	21.28	21.25	21.22		
20	16QAM	1	0	21.22	21.18	21.20		
20	16QAM	1	49	21.22	21.26	21.11	22	0
20	16QAM	1	99	21.17	21.08	21.09		
20	16QAM	50	0	21.27	21.09	21.19		
20	16QAM	50	24	21.27	21.10	21.03	22	0
20	16QAM	50	50	21.16	21.08	21.04		
20	16QAM	100	0	21.22	21.09	20.98		
20	64QAM	1	0	21.39	21.38	21.15		
20	64QAM	1	49	21.20	21.38	21.13	22	0
20	64QAM	1	99	21.31	21.10	21.13		
20	64QAM	50	0	20.84	20.62	20.65		
20	64QAM	50	24	20.65	20.54	20.57	21	1
20	64QAM	50	50	20.81	20.54	20.61		
20	64QAM	100	0	20.69	20.54	20.54		
20	256QAM	1	0	18.49	18.44	18.24		
20	256QAM	1	49	18.57	18.51	18.28	19	3
20	256QAM	1	99	18.55	18.36	18.56		
20	256QAM	50	0	17.33	17.44	17.21		
20	256QAM	50	24	17.29	17.28	17.17	19	3
20	256QAM	50	50	17.38	17.35	17.28		
20	256QAM	100	0	17.38	17.12	17.17		
				Channel				
				Frequency (MHz)				
				18675	18900	19125		
				1857.5	1880	1902.5		
15	QPSK	1	0	21.36	21.18	21.33	22	0
15	QPSK	1	37	21.27	21.14	21.12		
15	QPSK	1	74	21.25	21.15	21.12		
15	QPSK	36	0	21.30	21.24	21.28		
15	QPSK	36	20	21.31	21.26	21.27	22	0
15	QPSK	36	39	21.21	21.08	21.21		
15	QPSK	75	0	21.35	21.28	21.13		
15	16QAM	1	0	21.15	21.13	21.23		
15	16QAM	1	37	21.08	21.08	21.12	22	0
15	16QAM	1	74	21.16	21.09	21.12		
15	16QAM	36	0	21.14	21.14	21.12		
15	16QAM	36	20	21.13	21.12	21.00	22	0
15	16QAM	36	39	21.17	21.12	20.97		
15	16QAM	75	0	21.14	20.95	20.96		
15	64QAM	1	0	21.20	21.29	21.24		
15	64QAM	1	37	21.23	21.07	21.07	22	0
15	64QAM	1	74	21.30	21.16	21.22		
15	64QAM	36	0	20.71	20.58	20.54		
15	64QAM	36	20	20.62	20.44	20.55	21	1
15	64QAM	36	39	20.63	20.53	20.57		
15	64QAM	75	0	20.69	20.43	20.64		
15	256QAM	1	0	18.39	18.44	18.31		
15	256QAM	1	37	18.38	18.55	18.21	19	3
15	256QAM	1	74	18.36	18.21	18.48		
15	256QAM	36	0	17.33	17.28	17.35		
15	256QAM	36	20	17.42	17.37	17.17	19	3
15	256QAM	36	39	17.37	17.18	17.07		
15	256QAM	75	0	17.22	17.22	17.02		
				Channel				
				Frequency (MHz)				
				18650	18900	19150		
				1855	1880	1905		
10	QPSK	1	0	21.36	21.21	21.15	22	0
10	QPSK	1	25	21.30	21.12	21.10		
10	QPSK	1	49	21.14	21.25	20.95		
10	QPSK	25	0	21.23	21.33	21.24		
10	QPSK	25	12	21.36	21.28	21.26	22	0
10	QPSK	25	25	21.33	21.08	21.26		
10	QPSK	50	0	21.25	21.18	21.25		
10	16QAM	1	0	21.22	21.27	21.22		
10	16QAM	1	25	21.22	20.99	21.04	22	0
10	16QAM	1	49	21.20	21.08	20.96		
10	16QAM	25	0	21.09	21.02	21.04		
10	16QAM	25	12	21.29	21.15	21.14	22	0
10	16QAM	25	25	21.32	21.00	21.05		
10	16QAM	50	0	21.14	21.07	21.16		
10	64QAM	1	0	21.23	21.29	21.28		
10	64QAM	1	25	21.32	21.32	21.22	22	0
10	64QAM	1	49	21.27	21.11	21.19		
10	64QAM	25	0	20.60	20.49	20.58		
10	64QAM	25	12	20.59	20.50	20.58	21	1
10	64QAM	25	25	20.82	20.39	20.49		
10	64QAM	50	0	20.75	20.56	20.58		
10	256QAM	1	0	18.28	18.35	18.23		
10	256QAM	1	25	18.47	18.41	18.25	19	3
10	256QAM	1	49	18.38	18.16	18.30		
10	256QAM	25	0	17.27	17.38	17.25		
10	256QAM	25	12	17.41	17.26	17.16	19	3
10	256QAM	25	25	17.35	17.26	17.08		
10	256QAM	50	0	17.23	17.11	17.04		
				Channel				
				Frequency (MHz)				
				18625	18900	19175		
				1852.5	1880	1907.5		
5	QPSK	1	0	21.22	21.19	21.19	22	0
5	QPSK	1	12	21.28	21.14	21.08		
5	QPSK	1	24	21.29	21.15	21.11		
5	QPSK	12	0	21.34	21.32	21.32		
5	QPSK	12	7	21.34	21.32	21.20	22	0
5	QPSK	12	13	21.41	21.06	21.15		
5	QPSK	25	0	21.31	21.22	21.24		
5	16QAM	1	0	21.28	21.16	21.14		
5	16QAM	1	12	21.12	21.02	21.25	22	0
5	16QAM	1	24	21.11	21.05	21.14		
5	16QAM	12	0	21.21	21.13	21.17		
5	16QAM	12	7	21.24	21.15	21.00	22	0
5	16QAM	12	13	21.28	21.02	21.11		
5	16QAM	25	0	21.25	21.02	20.99		
5	64QAM	1	0	21.37	21.21	21.10		
5	64QAM	1	12	21.22	21.16	21.07	22	0
5	64QAM	1	24	21.22	21.07	21.01		
5	64QAM	12	0	20.66	20.54	20.71		
5	64QAM	12	7	20.74	20.64	20.59	21	1
5	64QAM	12	13	20.74	20.34	20.58		
5	64QAM	25	0	20.72	20.48	20.67		
5	256QAM	1	0	18.33	18.39	18.19		
5	256QAM	1	12	18.49	18.47	18.30	19	3
5	256QAM	1	24	18.38	18.27	18.49		
5	256QAM	12	0	17.32	17.23	17.37		
5	256QAM	12	7	17.34	17.30	17.24	19	3
5	256QAM	12	13	17.37	17.27	17.15		
5	256QAM	25	0	17.25	17.13	17.04		
				Channel				
				Frequency (MHz)				
				18615	18900	19185		
				1851.5	1880	1908.5		
3	QPSK	1	0	21.50	21.12	21.22	22	0
3	QPSK	1	8	21.21	21.17	21.11		
3	QPSK	1	14	21.20	21.08	21.05		
3	QPSK	8	0	21.37	21.19	21.31		
3	QPSK	8	4	21.29	21.28	21.21	22	0
3	QPSK	8	7	21.23	21.04	21.23		
3	QPSK	15	0	21.27	21.09	21.15		
3	16QAM	1	0	21.20	21.09	21.27	22	0
3	16QAM	1	8	21.19	21.12	21.07		
3	16QAM	1	14	21.16	20.98	20.98		
3	16QAM	8	0	21.25	21.06	20.99		
3	16QAM	8	4	21.19	21.21	21.16	22	0
3	16QAM	8	7	21.18	20.98	20.97		
3	16QAM	15	0	21.17	21.07	20.96		
3	64QAM	1	0	21.18	21.22	21.18		
3	64QAM	1	8	21.31	21.24	21.11	22	0
3	64QAM	1	14	21.17	21.14	21.15		
3	64QAM	8	0	20.66	20.68	20.71		
3	64QAM	8	4	20.63	20.61	20.67	21	1
3	64QAM	8	7	20.79	20.42	20.49		
3	64QAM	15	0	20.71	20.59	20.57		
3	256QAM	1	0	18.40	18.44	18.27		
3	256QAM	1	8	18.39	18.48	18.34	19	3
3	256QAM	1	14	18.50	18.09	18.54		
3	256QAM	8	0	17.31	17.37	17.32		
3	256QAM	8	4	17.37	17.29	17.23	19	3
3	256QAM	8	7	17.29	17.18	17.20		
3	256QAM	15	0	17.19	17.20	17.16		
				Channel				
				Frequency (MHz)				
				18607	18900	19193		
				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.28	21.10	21.20	22	0
1.4	QPSK	1	3	21.28	21.13	21.16		
1.4	QPSK	1	5	21.28	21.01	21.01		
1.4	QPSK	3	0	21.29	21.17	21.32		
1.4	QPSK	3	1	21.28	21.26	21.19		
1.4	QPSK	3	3	21.25	21.13	21.14		
1.4	QPSK	6	0	21.30	21.21	21.26	22	0
1.4	16QAM	1	0	21.17	21.15	21.25		
1.4	16QAM	1	3	21.04	21.09	21.11	22	0
1.4	16QAM	1	5	21.06	20.92	21.14		
1.4	16QAM	3	0	21.24	20.99	21.16		
1.4	16QAM	3	1	21.30	21.11	21.06		
1.4	16QAM	3	3	20.98	20.89	20.93		
1.4	16QAM	6	0	21.19	21.03	21.07	22	0
1.4	64QAM	1	0	21.24	21.17	21.22		
1.4	64QAM	1	3	21.24	21.17	21.19	22	0
1.4	64QAM	1	5	21.20	21.16	21.09		
1.4	64QAM	3	0	20.77	20.66	20.73		
1.4	64QAM	3	1	20.56	20.68	20.60		
1.4	64QAM	3	3	20.69	20.57	20.57		
1.4	64QAM	6	0	20.57	20.58	20.66	22	0
1.4	256QAM	1	0	18.48	18.42	18.17		
1.4	256QAM	1	3	18.57	18.55	18.28		
1.4	256QAM	1	5	18.39	18.11	18.34	22	0
1.4	256QAM	3	0	17.29	17.29	17.37		
1.4	256QAM	3	1	17.38	17.31	17.16		
1.4	256QAM	3	3	17.41	17.20	17.20		
1.4	256QAM	6	0	17.31	17.21	17.07	22	0

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
				Channel				
				Frequency (MHz)				
				18700	18900	19100		
				1860	1880	1900		
20	QPSK	1	0	16.21	16.11	16.08	17.5	0
20	QPSK	1	49	16.07	16.05	16.00		
20	QPSK	1	99	16.01	16.02	16.05		
20	QPSK	50	0	16.19	16.17	16.16		
20	QPSK	50	24	16.14	16.08	16.11	17.5	0
20	QPSK	50	50	16.17	15.97	16.14		
20	QPSK	100	0	16.07	16.07	16.10		
20	16QAM	1	0	16.00	16.07	16.11		
20	16QAM	1	49	15.96	16.02	16.03	17.5	0
20	16QAM	1	99	15.93	16.05	16.02		
20	16QAM	50	0	15.89	15.84	15.83		
20	16QAM	50	24	15.84	15.82	15.85	17.5	0
20	16QAM	50	50	15.89	15.68	15.85		
20	16QAM	100	0	15.80	15.71	15.79		
20	64QAM	1	0	16.18	15.90	15.97		
20	64QAM	1	49	16.08	15.82	16.03	17.5	0
20	64QAM	1	99	16.07	15.76	15.97		
20	64QAM	50	0	15.99	15.79	15.90		
20	64QAM	50	24	15.82	15.80	15.85	17.5	0
20	64QAM	50	50	15.82	15.67	15.88		
20	64QAM	100	0	15.82	15.80	15.79		
20	256QAM	1	0	15.67	15.70	15.69		
20	256QAM	1	49	15.68	15.74	15.71	17.5	0
20	256QAM	1	99	15.71	15.65	15.80		
20	256QAM	50	0	15.79	15.63	15.77		
20	256QAM	50	24	15.77	15.76	15.78	17.5	0
20	256QAM	50	50	15.80	15.57	15.81		
20	256QAM	100	0	15.73	15.62	15.69		
				Channel				
				Frequency (MHz)				
				18675	18900	19125		
				1857.5	1880	1902.5		
15	QPSK	1	0	16.03	15.93	15.76	17.5	0
15	QPSK	1	37	15.91	15.92	15.78		
15	QPSK	1	74	15.94	15.89	15.94		
15	QPSK	36	0	16.12	15.96	16.03		
15	QPSK	36	20	15.89	15.95	16.03	17.5	0
15	QPSK	36	39	15.94	15.79	16.11		
15	QPSK	75	0	16.01	15.89	16.00		
15	16QAM	1	0	16.13	16.17	16.18		
15	16QAM	1	37	16.08	16.08	16.16	17.5	0
15	16QAM	1	74	16.01	16.11	16.12		
15	16QAM	36	0	16.00	15.94	15.97		
15	16QAM	36	20	16.07	15.95	16.05	17.5	0
15	16QAM	36	39	15.95	15.74	16.08		
15	16QAM	75	0	15.98	15.90	16.00		
15	64QAM	1	0	16.10	16.01	16.03		
15	64QAM	1	37	16.15	16.07	16.17	17.5	0
15	64QAM	1	74	16.14	15.96	16.09		
15	64QAM	36	0	16.13	15.90	15.99		
15	64QAM	36	20	16.01	15.93	16.07	17.5	0
15	64QAM	36	39	15.96	15.78	15.95		
15	64QAM	75	0	16.01	15.95	15.97		
15	256QAM	1	0	15.85	15.93	15.91		
15	256QAM	1	37	15.85	15.91	15.76	17.5	0
15	256QAM	1	74	15.92	15.89	15.90		
15	256QAM	36	0	15.69	15.74	15.61		
15	256QAM	36	20	15.87	15.99	16.00	17.5	0
15	256QAM	36	39	15.97	15.67	15.90		
15	256QAM	75	0	15.88	15.87	15.91		
				Channel				
				Frequency (MHz)				
				18650	18900	19150		
				1855	1880	1905		
10	QPSK	1	0	16.07	15.93	15.74	17.5	0
10	QPSK	1	25	15.91	15.89	15.94		
10	QPSK	1	49	15.79	15.83	15.87		
10	QPSK	25	0	16.12	15.87	15.94		
10	QPSK	25	12	15.92	15.93	15.95	17.5	0
10	QPSK	25	25	16.02	15.80	16.02		
10	QPSK	50	0	16.02	15.88	16.00		
10	16QAM	1	0	16.16	16.15	16.17		
10	16QAM	1	25	16.07	16.17	16.10	17.5	0
10	16QAM	1	49	16.07	16.16	16.17		
10	16QAM	25	0	16.02	15.90	16.06		
10	16QAM	25	12	16.01	15.95	16.03	17.5	0
10	16QAM	25	25	16.06	15.83	15.90		
10	16QAM	50	0	15.96	15.77	15.86		
10	64QAM	1	0	16.12	16.11	16.16		
10	64QAM	1	25	16.14	15.94	16.11	17.5	0
10	64QAM	1	49	16.15	15.96	16.02		
10	64QAM	25	0	15.96	16.01	16.09		
10	64QAM	25	12	15.89	15.90	16.05	17.5	0
10	64QAM	25	25	15.93	15.73	15.99		
10	64QAM	50	0	15.84	15.91	16.03		
10	256QAM	1	0	15.98	15.89	15.90		
10	256QAM	1	25	15.86	15.75	15.88	17.5	0
10	256QAM	1	49	15.83	15.90	15.92		
10	256QAM	25	0	15.84	15.77	15.91		
10	256QAM	25	12	15.92	15.97	16.01	17.5	0
10	256QAM	25	25	15.95	15.62	15.94		
10	256QAM	50	0	15.79	15.80	15.77		
				Channel				
				Frequency (MHz)				
				18625	18900	19175		
				1852.5	1880	1907.5		
5	QPSK	1	0	16.09	16.01	15.79	17.5	0
5	QPSK	1	12	15.87	15.82	15.85		
5	QPSK	1	24	15.87	15.88	15.92		
5	QPSK	12	0	16.02	15.96	15.98		
5	QPSK	12	7	16.01	15.96	15.94	17.5	0
5	QPSK	12	13	15.97	15.77	16.02		
5	QPSK	25	0	16.02	15.85	16.00		
5	16QAM	1	0	16.07	16.15	16.16		
5	16QAM	1	12	16.12	16.17	16.12	17.5	0
5	16QAM	1	24	15.96	16.17	16.13		
5	16QAM	12	0	16.03	15.93	15.91		
5	16QAM	12	7	16.04	15.98	16.06	17.5	0
5	16QAM	12	13	15.93	15.81	15.98		
5	16QAM	25	0	15.98	15.84	15.86		
5	64QAM	1	0	16.15	16.11	16.12	17.5	0
5	64QAM	1	12	16.16	16.06	16.15		
5	64QAM	1	24	16.19	15.91	16.06		
5	64QAM	12	0	16.20	15.95	16.13		
5	64QAM	12	7	16.01	15.89	15.99	17.5	0
5	64QAM	12	13	15.87	15.92	16.13		
5	64QAM	25	0	16.05	15.91	16.03		
5	256QAM	1	0	16.07	15.88	15.88		
5	256QAM	1	12	15.78	15.85	15.96	17.5	0
5	256QAM	1	24	15.91	15.78	16.04		
5	256QAM	12	0	15.96	15.71	15.87		
5	256QAM	12	7	15.86	15.99	15.93	17.5	0
5	256QAM	12	13	16.05	15.88	16.03		
5	256QAM	25	0	15.87	15.71	15.84		
				Channel				
				Frequency (MHz)				
				18615	18900	19185		
				1851.5	1880	1908.5		
3	QPSK	1	0	16.05	15.90	15.79	17.5	0
3	QPSK	1	8	15.89	15.83	15.78		
3	QPSK	1	14	15.78	15.80	15.89		
3	QPSK	8	0	16.05	15.88	15.99		
3	QPSK	8	4	15.89	15.88	16.00	17.5	0
3	QPSK	8	7	15.99	15.77	16.10		
3	QPSK	15	0	16.01	15.83	15.96		
3	16QAM	1	0	16.11	16.21	16.18		
3	16QAM	1	8	16.04	16.08	16.20	17.5	0
3	16QAM	1	14	16.11	16.11	16.15		
3	16QAM	8	0	15.96	16.04	16.05		
3	16QAM	8	4	15.94	15.97	15.94	17.5	0
3	16QAM	8	7	15.98	15.81	15.95		
3	16QAM	15	0	15.99	15.79	15.87		
3	64QAM	1	0	16.17	15.95	16.07		
3	64QAM	1	8	16.16	16.04	16.15	17.5	0
3	64QAM	1	14	16.18	16.11	16.15		
3	64QAM	8	0	16.19	15.92	15.95		
3	64QAM	8	4	16.01	15.89	16.09	17.5	0
3	64QAM	8	7	15.91	15.78	16.02		
3	64QAM	15	0	15.99	16.02	15.92		
3	256QAM	1	0	15.94	15.77	15.85		
3	256QAM	1	8	15.90	15.78	15.94	17.5	0
3	256QAM	1	14	15.81	15.75	16.04		
3	256QAM	8	0	15.93	15.71	15.82		
3	256QAM	8	4	15.87	15.90	15.91	17.5	0
3	256QAM	8	7	16.04	15.78	15.98		
3	256QAM	15	0	15.83	15.83	15.83		
				Channel				
				Frequency (MHz)				
				18607	18900	19193		
				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.07	15.86	15.77	17.5	0
1.4	QPSK	1	3	15.82	15.85	15.83		
1.4	QPSK	1	5	15.83	15.84	15.91		
1.4	QPSK	3	0	16.00	15.87	16.02		
1.4	QPSK	3	1	15.91	15.88	16.02		
1.4	QPSK	3	3	15.88	15.78	16.08		
1.4	QPSK	6	0	16.05	15.88	15.95	17.5	0
1.4	16QAM	1	0	16.05	16.15	16.15		
1.4	16QAM	1	3	16.01	16.11	16.15	17.5	0
1.4	16QAM	1	5	16.01	16.13	16.13		
1.4	16QAM	3	0	16.04	16.00	15.95		
1.4	16QAM	3	1	16.03	16.03	15.94		
1.4	16QAM	3	3	15.96	15.94	15.96		
1.4	16QAM	6	0	15.97	15.96	16.02	17.5	0
1.4	64QAM	1	0	16.16	16.01	16.19		
1.4	64QAM	1	3	16.15	16.03	16.12		
1.4	64QAM	1	5	16.12	15.96	16.06	17.5	0
1.4	64QAM	3	0	16.14	15.89	15.98		
1.4	64QAM	3	1	15.96	15.94	15.94		
1.4	64QAM	3	3	15.93	15.82	16.02		
1.4	64QAM	6	0	16.06	15.89	15.92	17.5	0
1.4	256QAM	1	0	16.02	15.95	15.80		
1.4	256QAM	1	3	15.90	15.76	15.87		
1.4	256QAM	1	5	15.81	15.85	15.89	17.5	0
1.4	256QAM	3	0	16.04	15.87	16.01		
1.4	256QAM	3	1	15.96	15.88	15.96		
1.4	256QAM	3	3	15.86	15.68	15.93		
1.4	256QAM	6	0	15.91	15.72	15.75	17.5	0

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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)	MPR (dB)
				Channel				
				Frequency (MHz)				
				20050	20175	20300		
				1720	1732.5	1745		
20	QPSK	1	0	21.53	21.78	21.65	22.5	0
20	QPSK	1	49	21.55	21.58	21.55		
20	QPSK	1	99	21.34	21.58	21.50		
20	QPSK	50	0	21.57	21.70	21.53		
20	QPSK	50	24	21.58	21.64	21.67	22.5	0
20	QPSK	50	50	21.64	21.61	21.61		
20	QPSK	100	0	21.57	21.65	21.63		
20	16QAM	1	0	21.66	21.55	21.48		
20	16QAM	1	49	21.43	21.69	21.53	22.5	0
20	16QAM	1	99	21.49	21.65	21.

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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)	MPR (dB)
			Channel	20050	20175	20300		
			Frequency (MHz)	1720	1732.5	1745		
20	QPSK	1	0	17.99	18.01	18.00		
20	QPSK	1	49	17.81	17.82	17.93	18.2	0
20	QPSK	1	99	17.79	17.71	17.86		
20	QPSK	50	0	17.84	17.86	17.86		
20	QPSK	50	24	17.83	17.91	17.88	18.2	0
20	QPSK	50	50	17.76	17.91	17.87		
20	QPSK	100	0	17.83	17.89	17.88		
20	16QAM	1	0	18.00	17.97	17.85		
20	16QAM	1	49	17.82	17.84	17.51	18.2	0
20	16QAM	1	99	17.80	17.91	17.76		
20	16QAM	50	0	17.49	17.76	17.53		
20	16QAM	50	24	17.59	17.70	17.62	18.2	0
20	16QAM	50	50	17.54	17.91	17.61		
20	16QAM	100	0	17.66	17.72	17.66		
20	64QAM	1	0	17.51	17.96	17.74		
20	64QAM	1	49	17.77	17.92	17.70	18.2	0
20	64QAM	1	99	17.67	17.90	17.73		
20	64QAM	50	0	17.60	17.69	17.62		
20	64QAM	50	24	17.66	17.69	17.71	18.2	0
20	64QAM	50	50	17.61	17.87	17.61		
20	64QAM	100	0	17.68	17.63	17.70		
20	256QAM	1	0	17.58	17.57	17.59		
20	256QAM	1	49	17.69	17.55	17.58	18.2	0
20	256QAM	1	99	17.71	17.70	17.53		
20	256QAM	50	0	17.39	17.59	17.21		
20	256QAM	50	24	17.52	17.57	17.26	18.2	0
20	256QAM	50	50	17.54	17.63	17.34		
20	256QAM	100	0	17.60	17.51	17.27		
			Channel	20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1717.5	1732.5	1747.5		
15	QPSK	1	0	17.89	17.99	17.89		
15	QPSK	1	37	17.66	17.76	17.90	18.2	0
15	QPSK	1	74	17.73	17.75	17.71		
15	QPSK	36	0	17.73	17.99	17.72		
15	QPSK	36	20	17.82	17.77	17.81	18.2	0
15	QPSK	36	39	17.68	17.87	17.86		
15	QPSK	75	0	17.77	17.74	17.72		
15	16QAM	1	0	17.98	18.05	17.75		
15	16QAM	1	37	17.64	17.74	17.45	18.2	0
15	16QAM	1	74	17.90	17.86	17.74		
15	16QAM	36	0	17.45	17.63	17.49		
15	16QAM	36	20	17.54	17.54	17.62	18.2	0
15	16QAM	36	39	17.52	17.72	17.51		
15	16QAM	75	0	17.63	17.70	17.55		
15	64QAM	1	0	17.46	17.84	17.64		
15	64QAM	1	37	17.59	17.87	17.68	18.2	0
15	64QAM	1	74	17.14	17.85	17.61		
15	64QAM	36	0	17.50	17.57	17.62		
15	64QAM	36	20	17.51	17.69	17.64	18.2	0
15	64QAM	36	39	17.60	17.59	17.52		
15	64QAM	75	0	17.67	17.53	17.64		
15	256QAM	1	0	17.61	17.39	17.57		
15	256QAM	1	37	17.56	17.60	17.49	18.2	0
15	256QAM	1	74	17.65	17.63	17.38		
15	256QAM	36	0	17.23	17.42	17.10		
15	256QAM	36	20	17.37	17.39	17.15	18.2	0
15	256QAM	36	39	17.45	17.62	17.16		
15	256QAM	75	0	17.46	17.43	17.13		
			Channel	20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1715	1732.5	1750		
10	QPSK	1	0	17.97	17.94	17.86		
10	QPSK	1	25	17.82	17.84	17.82	18.2	0
10	QPSK	1	49	17.63	17.60	17.86		
10	QPSK	25	0	17.78	17.99	17.79		
10	QPSK	25	12	17.81	17.89	17.83	18.2	0
10	QPSK	25	25	17.71	17.97	17.82		
10	QPSK	50	0	17.67	17.71	17.72		
10	16QAM	1	0	18.00	17.90	17.71		
10	16QAM	1	25	17.75	17.76	17.45	18.2	0
10	16QAM	1	49	17.86	18.00	17.77		
10	16QAM	25	0	17.43	17.71	17.35		
10	16QAM	25	12	17.53	17.63	17.44	18.2	0
10	16QAM	25	25	17.47	17.58	17.51		
10	16QAM	50	0	17.48	17.70	17.66		
10	64QAM	1	0	17.47	17.87	17.72		
10	64QAM	1	25	17.71	17.86	17.70	18.2	0
10	64QAM	1	49	17.18	17.84	17.67		
10	64QAM	25	0	17.43	17.86	17.46		
10	64QAM	25	12	17.58	17.51	17.63	18.2	0
10	64QAM	25	25	17.58	17.64	17.46		
10	64QAM	50	0	17.51	17.61	17.60		
10	256QAM	1	0	17.47	17.51	17.48		
10	256QAM	1	25	17.59	17.49	17.48	18.2	0
10	256QAM	1	49	17.71	17.59	17.46		
10	256QAM	25	0	17.37	17.52	17.06		
10	256QAM	25	12	17.45	17.39	17.19	18.2	0
10	256QAM	25	25	17.41	17.53	17.26		
10	256QAM	50	0	17.54	17.39	17.27		
			Channel	19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1712.5	1732.5	1752.5		
5	QPSK	1	0	17.80	17.87	17.99		
5	QPSK	1	12	17.70	17.67	17.83	18.2	0
5	QPSK	1	24	17.63	17.61	17.80		
5	QPSK	12	0	17.67	17.90	17.74		
5	QPSK	12	7	17.69	17.89	17.75	18.2	0
5	QPSK	12	13	17.69	17.95	17.71		
5	QPSK	25	0	17.72	17.82	17.70		
5	16QAM	1	0	17.98	17.89	17.84		
5	16QAM	1	12	17.80	17.67	17.40	18.2	0
5	16QAM	1	24	17.83	17.98	17.71		
5	16QAM	12	0	17.65	17.85	17.37		
5	16QAM	12	7	17.49	17.61	17.57	18.2	0
5	16QAM	12	13	17.42	17.67	17.53		
5	16QAM	25	0	17.58	17.66	17.66		
5	64QAM	1	0	17.49	17.86	17.65		
5	64QAM	1	12	17.72	18.01	17.60	18.2	0
5	64QAM	1	24	17.67	17.81	17.72		
5	64QAM	12	0	17.57	17.54	17.47		
5	64QAM	12	7	17.53	17.56	17.59	18.2	0
5	64QAM	12	13	17.59	17.66	17.46		
5	64QAM	25	0	17.55	17.87	17.67		
5	256QAM	1	0	17.55	17.45	17.57		
5	256QAM	1	12	17.55	17.59	17.48	18.2	0
5	256QAM	1	24	17.72	17.58	17.46		
5	256QAM	12	0	17.32	17.50	17.03		
5	256QAM	12	7	17.51	17.53	17.21	18.2	0
5	256QAM	12	13	17.48	17.56	17.22		
5	256QAM	25	0	17.44	17.50	17.09		
			Channel	19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1711.5	1732.5	1753.5		
3	QPSK	1	0	17.97	18.02	17.94		
3	QPSK	1	8	17.75	17.78	17.88	18.2	0
3	QPSK	1	14	17.68	17.81	17.74		
3	QPSK	8	0	17.70	17.88	17.80		
3	QPSK	8	4	17.78	17.75	17.87	18.2	0
3	QPSK	8	7	17.67	17.87	17.81		
3	QPSK	15	0	17.81	17.82	17.74		
3	16QAM	1	0	17.98	17.94	17.68		
3	16QAM	1	8	17.71	17.78	17.39	18.2	0
3	16QAM	1	14	17.86	17.89	17.73		
3	16QAM	8	0	17.32	17.61	17.38		
3	16QAM	8	4	17.55	17.69	17.59	18.2	0
3	16QAM	8	7	17.39	17.66	17.57		
3	16QAM	15	0	17.65	17.61	17.63		
3	64QAM	1	0	17.51	17.92	17.73		
3	64QAM	1	8	17.77	18.02	17.55	18.2	0
3	64QAM	1	14	17.12	17.83	17.68		
3	64QAM	8	0	17.47	17.57	17.55		
3	64QAM	8	4	17.53	17.65	17.70	18.2	0
3	64QAM	8	7	17.58	17.81	17.58		
3	64QAM	15	0	17.55	17.55	17.55		
3	256QAM	1	0	17.49	17.51	17.44		
3	256QAM	1	8	17.56	17.50	17.47	18.2	0
3	256QAM	1	14	17.68	17.66	17.48		
3	256QAM	8	0	17.33	17.48	17.12		
3	256QAM	8	4	17.51	17.55	17.17	18.2	0
3	256QAM	8	7	17.50	17.45	17.29		
3	256QAM	15	0	17.44	17.49	17.09		
			Channel	19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.84	18.08	17.90		
1.4	QPSK	1	3	17.74	17.80	17.90		
1.4	QPSK	1	5	17.71	17.59	17.68	18.2	0
1.4	QPSK	3	0	17.71	17.94	17.71		
1.4	QPSK	3	1	17.68	17.87	17.74		
1.4	QPSK	3	2	17.73	17.92	17.79		
1.4	QPSK	6	0	17.68	17.77	17.76	18.2	0
1.4	16QAM	1	0	17.90	17.92	17.81		
1.4	16QAM	1	3	17.65	17.73	17.35		
1.4	16QAM	1	5	17.82	18.00	17.61	18.2	0
1.4	16QAM	3	0	17.49	17.63	17.35		
1.4	16QAM	3	1	17.59	17.62	17.59		
1.4	16QAM	3	2	17.51	17.65	17.49		
1.4	16QAM	6	0	17.59	17.61	17.58	18.2	0
1.4	64QAM	1	0	17.33	17.78	17.74		
1.4	64QAM	1	3	17.67	17.95	17.66		
1.4	64QAM	1	5	17.26	17.86	17.67	18.2	0
1.4	64QAM	3	0	17.57	17.55	17.56		
1.4	64QAM	3	1	17.49	17.63	17.43		
1.4	64QAM	3	2	17.48	17.66	17.47		
1.4	64QAM	6	0	17.53	17.62	17.57	18.2	0
1.4	256QAM	1	0	17.57	17.55	17.54		
1.4	256QAM	1	3	17.47	17.56	17.37		
1.4	256QAM	1	5	17.71	17.61	17.44	18.2	0
1.4	256QAM	3	0	17.37	17.58	17.06		
1.4	256QAM	3	1	17.49	17.48	17.13		
1.4	256QAM	3	2	17.38	17.45	17.34		
1.4	256QAM	6	0	17.60	17.36	17.16	18.2	0

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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)	MPR (dB)
			Channel	20050	20175	20300		
			Frequency (MHz)	1720	1732.5	1745		
20	QPSK	1	0	17.52	17.58	17.50		
20	QPSK	1	49	17.22	17.41	17.32	18	0
20	QPSK	1	99	17.19	17.29	17.20		
20	QPSK	50	0	17.39	17.47	17.37		
20	QPSK	50	24	17.38	17.40	17.36	18	0
20	QPSK	50	50	17.36	17.37	17.31		
20	QPSK	100	0	17.37	17.40	17.33		
20	16QAM	1	0	17.53	17.54	17.35		
20	16QAM	1	49	17.48	17.49	17.39	18	0
20	16QAM	1	99	17.55	17.55	17.09		
20	16QAM	50	0	17.12	17.13	17.20		
20	16QAM	50	24	17.19	17.17	17.12	18	0
20	16QAM	50	50	17.21	17.10	17.15		
20	16QAM	100	0	17.21	17.12	17.13		
20	64QAM	1	0	17.37	17.44	17.45		
20	64QAM	1	49	17.29	17.41	17.41	18	0
20	64QAM	1	99	17.35	17.40	17.44		
20	64QAM	50	0	17.01	17.10	17.17		
20	64QAM	50	24	17.12	17.25	17.17	18	0
20	64QAM	50	50	17.13	17.13	17.09		
20	64QAM	100	0	17.16	17.17	17.09		
20	256QAM	1	0	17.00	17.01	16.91		
20	256QAM	1	49	16.97	17.08	16.96	18	0
20	256QAM	1	99	17.03	17.04	16.83		
20	256QAM	50	0	16.77	17.04	16.51		
20	256QAM	50	24	16.88	16.88	16.64	18	0
20	256QAM	50	50	16.94	16.94	16.63		
20	256QAM	100	0	17.06	16.94	16.57		
			Channel	20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1717.5	1732.5	1747.5		
15	QPSK	1	0	17.21	17.53	17.19		
15	QPSK	1	37	17.07	17.23	17.15	18	0
15	QPSK	1	74	17.02	17.19	17.10		
15	QPSK	36	0	17.24	17.25	17.21		
15	QPSK	36	20	17.22	17.32	17.24	18	0
15	QPSK	36	39	17.28	17.28	17.22		
15	QPSK	75	0	17.24	17.27	17.14		
15	16QAM	1	0	17.45	17.43	17.25		
15	16QAM	1	37	17.35	17.47	17.34	18	0
15	16QAM	1	74	17.39	17.42	16.95		
15	16QAM	36	0	17.07	17.01	17.14		
15	16QAM	36	20	17.06	17.17	17.07	18	0
15	16QAM	36	39	17.00	17.07	17.09		
15	16QAM	75	0	17.08	17.11	17.13		
15	64QAM	1	0	17.30	17.30	17.38		
15	64QAM	1	37	17.24	17.25	17.29	18	0
15	64QAM	1	74	17.21	17.31	17.26		
15	64QAM	36	0	16.97	17.07	17.15		
15	64QAM	36	20	17.00	17.20	17.15	18	0
15	64QAM	36	39	16.97	17.05	16.93		
15	64QAM	75	0	17.15	17.09	17.01		
15	256QAM	1	0	16.86	16.91	16.87		
15	256QAM	1	37	16.80	17.03	16.82	18	0
15	256QAM	1	74	16.99	16.89	16.68		
15	256QAM	36	0	16.77	17.03	16.76		
15	256QAM	36	20	16.86	16.73	16.48	18	0
15	256QAM	36	39	16.93	16.80	16.48		
15	256QAM	75	0	16.92	16.83	16.48		
			Channel	20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1715	1732.5	1750		
10	QPSK	1	0	17.18	17.41	17.26		
10	QPSK	1	25	17.37	17.25	17.47	18	0
10	QPSK	1	49	17.06	17.19	17.20		
10	QPSK	25	0	17.16	17.32	17.25		
10	QPSK	25	12	17.23	17.34	17.21	18	0
10	QPSK	25	25	17.33	17.31	17.14		
10	QPSK	50	0	17.25	17.40	17.29		
10	16QAM	1	0	17.51	17.46	17.18		
10	16QAM	1	25	17.37	17.37	17.31	18	0
10	16QAM	1	49	17.24	17.50	17.08		
10	16QAM	25	0	17.01	16.95	17.12		
10	16QAM	25	12	17.17	17.07	17.12	18	0
10	16QAM	25	25	17.13	17.03	17.10		
10	16QAM	50	0	17.08	17.05	17.00		
10	64QAM	1	0	17.24	17.29	17.27		
10	64QAM	1	25	17.15	17.27	17.30	18	0
10	64QAM	1	49	17.13	17.39	17.29		
10	64QAM	25	0	16.94	17.02	17.08		
10	64QAM	25	12	16.96	17.18	17.17	18	0
10	64QAM	25	25	16.95	17.08	17.01		
10	64QAM	50	0	17.11	17.10	17.09		
10	256QAM	1	0	16.85	17.00	16.87		
10	256QAM	1	25	16.86	16.91	16.93	18	0
10	256QAM	1	49	16.86	17.01	16.68		
10	256QAM	25	0	16.69	17.03	16.45		
10	256QAM	25	12	16.82	16.72	16.56	18	0
10	256QAM	25	25	16.77	16.93	16.52		
10	256QAM	50	0	16.93	16.85	16.49		
			Channel	19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1712.5	1732.5	1752.5		
5	QPSK	1	0	17.15	17.49	17.19		
5	QPSK	1	12	17.16	17.41	17.19	18	0
5	QPSK	1	24	17.12	17.12	17.12		
5	QPSK	12	0	17.27	17.37	17.18		
5	QPSK	12	7	17.27	17.28	17.35	18	0
5	QPSK	12	13	17.25	17.31	17.25		
5	QPSK	25	0	17.18	17.29	17.21		
5	16QAM	1	0	17.50	17.39	17.35		
5	16QAM	1	12	17.44	17.31	17.28	18	0
5	16QAM	1	24	17.28	17.44	16.94		
5	16QAM	12	0	17.07	17.04	17.14		
5	16QAM	12	7	17.19	17.15	17.03	18	0
5	16QAM	12	13	17.04	17.10	17.04		
5	16QAM	25	0	17.04	17.04	17.11		
5	64QAM	1	0	17.30	17.36	17.43		
5	64QAM	1	12	17.24	17.33	17.25	18	0
5	64QAM	1	24	17.18	17.25	17.22		
5	64QAM	12	0	16.83	17.02	17.14		
5	64QAM	12	7	17.09	17.20	17.11	18	0
5	64QAM	12	13	17.08	17.08	17.06		
5	64QAM	25	0	17.14	17.14	17.09		
5	256QAM	1	0	16.96	17.00	16.86		
5	256QAM	1	12	16.73	17.05	16.81	18	0
5	256QAM	1	24	17.03	16.95	16.65		
5	256QAM	12	0	16.68	16.96	16.42		
5	256QAM	12	7	16.84	16.79	16.56	18	0
5	256QAM	12	13	16.93	16.82	16.46		
5	256QAM	25	0	17.02	16.79	16.52		
			Channel	19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1711.5	1732.5	1753.5		
3	QPSK	1	0	17.26	17.52	17.18		
3	QPSK	1	8	17.15	17.40	17.24	18	0
3	QPSK	1	14	17.15	17.14	17.07		
3	QPSK	8	0	17.18	17.33	17.18		
3	QPSK	8	4	17.34	17.37	17.27	18	0
3	QPSK	8	7	17.20	17.27	17.22		
3	QPSK	15	0	17.27	17.22	17.22		
3	16QAM	1	0	17.46	17.42	17.31		
3	16QAM	1	8	17.40	17.41	17.33	18	0
3	16QAM	1	14	17.24	17.51	16.91		
3	16QAM	8	0	17.11	17.12	17.19		
3	16QAM	8	4	17.08	17.02	17.12	18	0
3	16QAM	8	7	17.15	16.94	17.00		
3	16QAM	15	0	17.10	17.11	17.03		
3	64QAM	1	0	17.29	17.28	17.33		
3	64QAM	1	8	17.23	17.41	17.36	18	0
3	64QAM	1	14	17.14	17.40	17.31		
3	64QAM	8	0	16.98	16.99	17.16		
3	64QAM	8	4	16.97	17.11	17.16	18	0
3	64QAM	8	7	17.00	17.09	16.92		
3	64QAM	15	0	16.82	16.93	16.77		
3	256QAM	1	0	16.82	16.93	16.77		
3	256QAM	1	8	16.83	16.95	16.90	18	0
3	256QAM	1	14	16.91	16.94	16.69		
3	256QAM	8	0	16.65	16.90	16.50		
3	256QAM	8	4	16.90	16.77	16.54	18	0
3	256QAM	8	7	16.88	16.89	16.62		
3	256QAM	15	0	17.03	16.84	16.54		
			Channel	19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.14	17.50	17.17		
1.4	QPSK	1	3	17.14	17.37	17.30		
1.4	QPSK	1	5	17.14	17.13	17.08	18	0
1.4	QPSK	3	0	17.23	17.35	17.29		
1.4	QPSK	3	1	17.24	17.31	17.19		
1.4	QPSK	3	2	17.21	17.21	17.19		
1.4	QPSK	6	0	17.26	17.23	17.18	18	0
1.4	16QAM	1	0	17.43	17.39	17.27		
1.4	16QAM	1	3	17.36	17.31	17.37		
1.4	16QAM	1	5	17.24	17.50	17.07	18	0
1.4	16QAM	3	0	17.00	16.98	17.20		
1.4	16QAM	3	1	17.14	17.13	16.98		
1.4	16QAM	3	2	17.12	17.09	17.04		
1.4	16QAM	6	0	17.08	17.05	16.96	18	0
1.4	64QAM	1	0	17.25	17.41	17.41		
1.4	64QAM	1	3	17.13	17.24	17.28		
1.4	64QAM	1	5	17.15	17.23	17.43	18	0
1.4	64QAM	3	0	16.87	16.92	17.08		
1.4	64QAM	3	1	17.12	17.09	16.99		
1.4	64QAM	3	2	17.04	17.07	17.01		
1.4	64QAM	6	0	17.01	17.04	17.05	18	0
1.4	256QAM	1	0	16.95	16.86	16.87		
1.4	256QAM	1	3	16.86	16.92	16.81		
1.4	256QAM	1	5	16.86	16.87	16.74	18	0
1.4	256QAM	3	0	16.59	16.94	16.42		
1.4	256QAM	3	1	16.97	16.83	16.48		
1.4	256QAM	3	2	16.78	16.84	16.50		
1.4	256QAM	6	0	17.06	16.90	16.44	18	0

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)	MPR (dB)
			Channel	20450	20525	20600		
			Frequency (MHz)	823	836.5	844		
10	QPSK	1	0	23.60	24.02	23.52		
10	QPSK	1	25	23.59	23.81	23.42	24.2	0
10	QPSK	1	49	23.54	23.60	23.42		
10	QPSK	25	0	23.64	23.69	23.43		
10	QPSK	25	12	23.64	23.66	23.41	24.2	0
10	QPSK	25	25	23.60	23.65	23.35		
10	QPSK	50	0	23.69	23.69	23.44		
10	16QAM	1	0	23.68	23.48	23.64		
10	16QAM	1	25	23.51	23.61	23.26	24.2	0
10	16QAM	1	49	23.54	23.75	23.51		
10	16QAM	25	0	22.94	22.88	22.65		
10	16QAM	25	12	22.92	23.02

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.68	20.26	21.5	0
20	QPSK	1	49	20.66	20.37	20.25		
20	QPSK	1	99	20.66	20.43	20.23		
20	QPSK	50	0	20.49	20.56	20.31	21.5	0
20	QPSK	50	24	20.36	20.48	20.15		
20	QPSK	50	50	20.20	20.29	20.34		
20	QPSK	100	0	20.41	20.51	20.29		
20	16QAM	1	0	20.41	20.54	20.24	21.5	0
20	16QAM	1	49	20.50	20.54	20.52		
20	16QAM	1	99	19.97	20.37	20.40		
20	16QAM	50	0	19.37	19.52	19.27	21	0.5
20	16QAM	50	24	19.44	19.56	19.38		
20	16QAM	50	50	19.55	19.41	19.30		
20	16QAM	100	0	19.37	19.55	19.37		
20	64QAM	1	0	19.48	19.71	19.59	21	0.5
20	64QAM	1	49	19.58	19.79	19.17		
20	64QAM	1	99	19.70	19.49	19.27		
20	64QAM	50	0	18.48	18.56	18.36	20	1.5
20	64QAM	50	24	18.61	18.39	18.26		
20	64QAM	50	50	18.47	18.34	18.28		
20	64QAM	100	0	18.53	18.50	18.27		
20	256QAM	1	0	16.70	16.71	16.52	18	3.5
20	256QAM	1	49	16.60	16.75	16.43		
20	256QAM	1	99	16.74	16.74	16.36		
20	256QAM	50	0	16.46	16.51	16.43	18	3.5
20	256QAM	50	24	16.68	16.58	16.23		
20	256QAM	50	50	16.62	16.52	16.35		
20	256QAM	100	0	16.60	16.49	16.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.66	20.19	21.5	0
15	QPSK	1	37	20.67	20.39	20.32		
15	QPSK	1	74	20.64	20.43	20.16		
15	QPSK	36	0	20.53	20.55	20.32	21.5	0
15	QPSK	36	20	20.38	20.40	20.15		
15	QPSK	36	39	20.28	20.31	20.30		
15	QPSK	75	0	20.41	20.55	20.28		
15	16QAM	1	0	20.35	20.49	20.21	21.5	0
15	16QAM	1	37	20.54	20.59	20.50		
15	16QAM	1	74	19.95	20.40	20.36		
15	16QAM	36	0	19.42	19.55	19.26	21	0.5
15	16QAM	36	20	19.43	19.59	19.38		
15	16QAM	36	39	19.54	19.38	19.37		
15	16QAM	75	0	19.38	19.51	19.29		
15	64QAM	1	0	19.55	19.70	19.50	21	0.5
15	64QAM	1	37	19.54	19.72	19.14		
15	64QAM	1	74	19.64	19.47	19.35		
15	64QAM	36	0	18.47	18.48	18.39	20	1.5
15	64QAM	36	20	18.55	18.43	18.28		
15	64QAM	36	39	18.41	18.33	18.28		
15	64QAM	75	0	18.52	18.45	18.31		
15	256QAM	1	0	16.61	16.79	16.45	18	3.5
15	256QAM	1	37	16.61	16.72	16.46		
15	256QAM	1	74	16.72	16.73	16.36		
15	256QAM	36	0	16.46	16.51	16.39	18	3.5
15	256QAM	36	20	16.57	16.57	16.29		
15	256QAM	36	39	16.58	16.43	16.29		
15	256QAM	75	0	16.69	16.50	16.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.57	20.62	20.19	21.5	0
10	QPSK	1	25	20.62	20.42	20.28		
10	QPSK	1	49	20.60	20.49	20.25		
10	QPSK	25	0	20.53	20.56	20.33	21.5	0
10	QPSK	25	12	20.35	20.43	20.17		
10	QPSK	25	25	20.30	20.34	20.36		
10	QPSK	50	0	20.44	20.47	20.26		
10	16QAM	1	0	20.42	20.54	20.28	21.5	0
10	16QAM	1	25	20.56	20.57	20.46		
10	16QAM	1	49	20.01	20.35	20.38		
10	16QAM	25	0	19.39	19.47	19.26	21	0.5
10	16QAM	25	12	19.44	19.56	19.40		
10	16QAM	25	25	19.47	19.33	19.34		
10	16QAM	50	0	19.43	19.50	19.36		
10	64QAM	1	0	19.55	19.65	19.57	21	0.5
10	64QAM	1	25	19.62	19.77	19.17		
10	64QAM	1	49	19.72	19.52	19.35		
10	64QAM	25	0	18.45	18.49	18.39	20	1.5
10	64QAM	25	12	18.63	18.40	18.24		
10	64QAM	25	25	18.42	18.40	18.26		
10	64QAM	50	0	18.53	18.50	18.33		
10	256QAM	1	0	16.69	16.79	16.43	18	3.5
10	256QAM	1	25	16.69	16.74	16.44		
10	256QAM	1	49	16.72	16.72	16.34		
10	256QAM	25	0	16.45	16.54	16.39	18	3.5
10	256QAM	25	12	16.65	16.55	16.29		
10	256QAM	25	25	16.65	16.53	16.38		
10	256QAM	50	0	16.62	16.57	16.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.58	20.65	20.16	21.5	0
5	QPSK	1	12	20.60	20.36	20.23		
5	QPSK	1	24	20.60	20.49	20.24		
5	QPSK	12	0	20.50	20.52	20.35	21.5	0
5	QPSK	12	7	20.42	20.47	20.13		
5	QPSK	12	13	20.19	20.30	20.28		
5	QPSK	25	0	20.42	20.56	20.29		
5	16QAM	1	0	20.40	20.52	20.22	21.5	0
5	16QAM	1	12	20.58	20.52	20.48		
5	16QAM	1	24	20.04	20.42	20.31		
5	16QAM	12	0	19.36	19.45	19.28	21	0.5
5	16QAM	12	7	19.45	19.60	19.40		
5	16QAM	12	13	19.51	19.32	19.31		
5	16QAM	25	0	19.36	19.55	19.33		
5	64QAM	1	0	19.45	19.74	19.55	21	0.5
5	64QAM	1	12	19.62	19.80	19.13		
5	64QAM	1	24	19.64	19.49	19.31		
5	64QAM	12	0	18.54	18.54	18.39	20	1.5
5	64QAM	12	7	18.61	18.47	18.21		
5	64QAM	12	13	18.49	18.37	18.33		
5	64QAM	25	0	18.54	18.54	18.32		
5	256QAM	1	0	16.65	16.75	16.51	18	3.5
5	256QAM	1	12	16.65	16.65	16.46		
5	256QAM	1	24	16.75	16.74	16.32		
5	256QAM	12	0	16.53	16.56	16.46	18	3.5
5	256QAM	12	7	16.67	16.59	16.28		
5	256QAM	12	13	16.66	16.48	16.40		
5	256QAM	25	0	16.60	16.55	16.49		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.55	19.66	19.48	20	0
20	QPSK	1	49	19.50	19.52	19.47		
20	QPSK	1	99	19.48	19.51	19.43		
20	QPSK	50	0	19.49	19.60	19.53	20	0
20	QPSK	50	24	19.44	19.54	19.52		
20	QPSK	50	50	19.47	19.58	19.47		
20	QPSK	100	0	19.53	19.54	19.49		
20	16QAM	1	0	19.37	19.29	19.27	20	0
20	16QAM	1	49	19.36	19.41	19.29		
20	16QAM	1	99	19.34	19.41	19.40		
20	16QAM	50	0	19.05	19.17	19.09	20	0
20	16QAM	50	24	19.09	19.13	19.13		
20	16QAM	50	50	19.16	19.18	19.03		
20	16QAM	100	0	19.12	19.10	19.06		
20	64QAM	1	0	19.32	19.24	19.17	20	0
20	64QAM	1	49	19.28	19.23	19.24		
20	64QAM	1	99	19.27	19.27	19.30		
20	64QAM	50	0	19.06	19.16	19.12	20	0
20	64QAM	50	24	19.11	19.11	19.08		
20	64QAM	50	50	19.18	19.20	19.07		
20	64QAM	100	0	19.12	19.11	19.08		
20	256QAM	1	0	19.27	19.08	19.05	20	0
20	256QAM	1	49	19.10	19.18	19.11		
20	256QAM	1	99	19.08	19.15	19.14		
20	256QAM	50	0	18.88	19.09	18.93	20	0
20	256QAM	50	24	19.00	19.03	18.99		
20	256QAM	50	50	19.02	19.12	18.97		
20	256QAM	100	0	19.00	18.98	18.97		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.48	19.61	19.31	20	0
15	QPSK	1	37	19.44	19.46	19.46		
15	QPSK	1	74	19.42	19.41	19.52		
15	QPSK	36	0	19.38	19.49	19.49	20	0
15	QPSK	36	20	19.52	19.51	19.41		
15	QPSK	36	39	19.46	19.48	19.43		
15	QPSK	75	0	19.45	19.46	19.47		
15	16QAM	1	0	19.26	19.23	19.21	20	0
15	16QAM	1	37	19.36	19.33	19.27		
15	16QAM	1	74	19.31	19.39	19.31		
15	16QAM	36	0	19.00	19.14	19.00	20	0
15	16QAM	36	20	18.99	19.04	19.03		
15	16QAM	36	39	19.09	19.12	19.03		
15	16QAM	75	0	19.01	19.01	19.01		
15	64QAM	1	0	19.27	19.22	19.13	20	0
15	64QAM	1	37	19.27	19.20	19.23		
15	64QAM	1	74	19.17	19.26	19.20		
15	64QAM	36	0	19.02	19.06	19.09	20	0
15	64QAM	36	20	19.07	19.05	18.98		
15	64QAM	36	39	19.17	19.13	19.04		
15	64QAM	75	0	19.06	19.10	19.00		
15	256QAM	1	0	19.21	19.05	18.97	20	0
15	256QAM	1	37	19.10	19.09	19.03		
15	256QAM	1	74	18.98	19.12	19.04		
15	256QAM	36	0	18.88	19.05	18.82	20	0
15	256QAM	36	20	18.90	18.98	18.89		
15	256QAM	36	39	18.95	19.05	18.89		
15	256QAM	75	0	18.89	18.92	18.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.47	19.58	19.38	20	0
10	QPSK	1	25	19.50	19.49	19.42		
10	QPSK	1	49	19.42	19.41	19.50		
10	QPSK	25	0	19.43	19.50	19.52	20	0
10	QPSK	25	12	19.46	19.46	19.46		
10	QPSK	25	25	19.49	19.58	19.45		
10	QPSK	50	0	19.42	19.54	19.49		
10	16QAM	1	0	19.33	19.27	19.25	20	0
10	16QAM	1	25	19.29	19.36	19.22		
10	16QAM	1	49	19.23	19.38	19.39		
10	16QAM	25	0	19.04	19.10	19.01	20	0
10	16QAM	25	12	19.07	19.03	19.11		
10	16QAM	25	25	19.12	19.08	18.96		
10	16QAM	50	0	19.09	19.06	18.96		
10	64QAM	1	0	19.31	19.13	19.12	20	0
10	64QAM	1	25	19.17	19.23	19.18		
10	64QAM	1	49	19.18	19.23	19.29		
10	64QAM	25	0	18.98	19.06	19.11	20	0
10	64QAM	25	12	19.04	19.03	19.01		
10	64QAM	25	25	19.15	19.10	19.00		
10	64QAM	50	0	19.08	19.04	19.07		
10	256QAM	1	0	19.26	19.02	19.01	20	0
10	256QAM	1	25	19.01	19.17	19.07		
10	256QAM	1	49	19.08	19.15	19.04		
10	256QAM	25	0	18.87	18.99	18.93	20	0
10	256QAM	25	12	18.94	18.93	18.95		
10	256QAM	25	25	19.00	19.11	18.91		
10	256QAM	50	0	18.95	18.91	18.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.47	19.63	19.29	20	0
5	QPSK	1	12	19.39	19.51	19.41		
5	QPSK	1	24	19.48	19.49	19.48		
5	QPSK	12	0	19.39	19.50	19.50	20	0
5	QPSK	12	7	19.48	19.49	19.41		
5	QPSK	12	13	19.48	19.56	19.41		
5	QPSK	25	0	19.48	19.48	19.47		
5	16QAM	1	0	19.37	19.25	19.25	20	0
5	16QAM	1	12	19.28	19.39	19.28		
5	16QAM	1	24	19.31	19.38	19.31		
5	16QAM	12	0	18.97	19.16	19.02	20	0
5	16QAM	12	7	19.05	19.13	19.04		
5	16QAM	12	13	19.09	19.11	18.99		
5	16QAM	25	0	19.12	19.03	19.02		
5	64QAM	1	0	19.28	19.15	19.07	20	0
5	64QAM	1	12	19.24	19.18	19.23		
5	64QAM	1	24	19.18	19.19	19.20		
5	64QAM	12	0	18.99	19.16	19.08	20	0
5	64QAM	12	7	19.11	19.07	19.04		
5	64QAM	12	13	19.18	19.20	18.96		
5	64QAM	25	0	19.08	19.08	19.06		
5	256QAM	1	0	19.16	19.06	18.94	20	0
5	256QAM	1	12	19.09	19.17	19.06		
5	256QAM	1	24	19.08	19.10	19.14		
5	256QAM	12	0	18.88	18.98	18.86	20	0
5	256QAM	12	7	18.99	18.92	18.97		
5	256QAM	12	13	18.92	19.02	18.87		
5	256QAM	25	0	18.96	18.91	18.94		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.22	17.38	17.24	18.2	0
20	QPSK	1	49	16.98	17.08	17.06		
20	QPSK	1	99	17.01	17.07	17.05		
20	QPSK	50	0	17.12	17.25	17.17	18.2	0
20	QPSK	50	24	17.02	17.19	17.09		
20	QPSK	50	50	16.95	17.13	17.08		
20	QPSK	100	0	16.97	17.13	17.12		
20	16QAM	1	0	16.70	16.60	16.58	18.2	0
20	16QAM	1	49	16.76	16.73	16.61		
20	16QAM	1	99	16.79	16.99	16.62		
20	16QAM	50	0	16.83	17.18	17.17	18.2	0
20	16QAM	50	24	16.98	17.18	17.04		
20	16QAM	50	50	17.05	17.27	16.99		
20	16QAM	100	0	16.94	17.05	17.05		
20	64QAM	1	0	17.22	17.02	17.00	18.2	0
20	64QAM	1	49	16.77	17.15	17.05		
20	64QAM	1	99	17.08	17.17	17.15		
20	64QAM	50	0	16.87	17.13	17.13	18.2	0
20	64QAM	50	24	17.01	17.12	17.08		
20	64QAM	50	50	17.04	17.22	16.96		
20	64QAM	100	0	16.96	17.08	17.01		
20	256QAM	1	0	16.80	17.03	17.35	18.2	0
20	256QAM	1	49	16.81	17.11	17.19		
20	256QAM	1	99	16.97	17.15	17.14		
20	256QAM	50	0	16.95	17.03	17.07	18.2	0
20	256QAM	50	24	16.82	16.95	17.06		
20	256QAM	50	50	16.91	17.05	17.03		
20	256QAM	100	0	16.84	16.97	17.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.00	17.20	17.22	18.2	0
15	QPSK	1	37	16.80	16.95	17.05		
15	QPSK	1	74	16.99	17.03	16.96		
15	QPSK	36	0	16.76	17.10	17.15	18.2	0
15	QPSK	36	20	17.02	17.12	16.99		
15	QPSK	36	39	16.94	17.06	17.04		
15	QPSK	75	0	16.92	16.98	17.06		
15	16QAM	1	0	16.66	16.45	16.46	18.2	0
15	16QAM	1	37	16.67	16.70	16.59		
15	16QAM	1	74	16.62	16.89	16.46		
15	16QAM	36	0	16.71	17.16	17.15	18.2	0
15	16QAM	36	20	16.88	17.02	16.91		
15	16QAM	36	39	16.87	17.19	16.97		
15	16QAM	75	0	16.89	16.94	17.03		
15	64QAM	1	0	17.05	16.91	16.89	18.2	0
15	64QAM	1	37	16.66	17.07	16.95		
15	64QAM	1	74	17.06	17.01	17.08		
15	64QAM	36	0	16.78	17.03	16.98	18.2	0
15	64QAM	36	20	16.88	17.02	17.01		
15	64QAM	36	39	17.04	17.05	16.86		
15	64QAM	75	0	16.86	17.06	16.99		
15	256QAM	1	0	16.65	17.03	17.28	18.2	0
15	256QAM	1	37	16.78	16.98	17.15		
15	256QAM	1	74	16.83	17.01	17.05		
15	256QAM	36	0	16.85	16.94	16.94	18.2	0
15	256QAM	36	20	16.68	16.81	16.89		
15	256QAM	36	39	16.77	16.93	16.98		
15	256QAM	75	0	16.67	16.87	17.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.97	17.22	17.13	18.2	0
10	QPSK	1	25	16.86	16.92	16.98		
10	QPSK	1	49	16.84	16.99	16.90		
10	QPSK	25	0	16.92	17.22	17.10	18.2	0
10	QPSK	25	12	16.97	17.01	17.09		
10	QPSK	25	25	16.91	17.13	17.04		
10	QPSK	50	0	16.82	17.01	16.98		
10	16QAM	1	0	16.55	16.55	16.43	18.2	0
10	16QAM	1	25	16.74	16.70	16.46		
10	16QAM	1	49	16.78	16.88	16.45		
10	16QAM	25	0	16.69	17.04	17.07	18.2	0
10	16QAM	25	12	16.85	17.05	16.87		
10	16QAM	25	25	16.89	17.16	16.83		
10	16QAM	50	0	16.79	16.97	17.05		
10	64QAM	1	0	17.16	16.86	16.87	18.2	0
10	64QAM	1	25	16.66	16.97	16.99		
10	64QAM	1	49	16.95	17.15	17.02		
10	64QAM	25	0	16.84	17.08	16.97	18.2	0
10	64QAM	25	12	16.92	17.03	16.95		
10	64QAM	25	25	16.86	17.19	16.93		
10	64QAM	50	0	16.86	17.04	17.01		
10	256QAM	1	0	16.74	16.85	17.24	18.2	0
10	256QAM	1	25	16.81	17.04	17.11		
10	256QAM	1	49	16.80	17.11	17.13		
10	256QAM	25	0	16.95	16.97	16.96	18.2	0
10	256QAM	25	12	16.69	16.93	16.94		
10	256QAM	25	25	16.90	16.93	16.86		
10	256QAM	50	0	16.79	16.87	17.08		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.95	17.28	17.22	18.2	0
5	QPSK	1	12	16.96	16.90	16.99		
5	QPSK	1	24	16.87	16.91	17.01		
5	QPSK	12	0	16.82	17.17	17.06	18.2	0
5	QPSK	12	7	16.86	17.16	17.01		
5	QPSK	12	13	16.94	17.02	17.00		
5	QPSK	25	0	16.96	17.03	17.09		
5	16QAM	1	0	16.56	16.51	16.48	18.2	0
5	16QAM	1	12	16.76	16.64	16.43		
5	16QAM	1	24	16.77	16.86	16.57		
5	16QAM	12	0	16.72	17.13	17.04	18.2	0
5	16QAM	12	7	16.84	17.03	16.96		
5	16QAM	12	13	16.98	17.18	16.87		
5	16QAM	25	0	16.76	16.87	16.94		
5	64QAM	1	0	17.13	16.97	16.91	18.2	0
5	64QAM	1	12	16.77	17.09	16.96		
5	64QAM	1	24	16.93	17.03	17.09		
5	64QAM	12	0	16.70	17.06	16.95	18.2	0
5	64QAM	12	7	17.00	17.07	16.96		
5	64QAM	12	13	16.91	17.17	16.81		
5	64QAM	25	0	16.79	17.04	17.01		
5	256QAM	1	0	16.64	16.97	17.20	18.2	0
5	256QAM	1	12	16.79	17.04	17.11		
5	256QAM	1	24	16.95	17.00	17.12		
5	256QAM	12	0	16.93	16.98	17.07	18.2	0
5	256QAM	12	7	16.77	16.87	17.04		
5	256QAM	12	13	16.86	17.04	16.86		
5	256QAM	25	0	16.74	16.90	17.04		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.97	14.27	14.09	15.5	0
20	QPSK	1	49	13.94	13.97	13.98		
20	QPSK	1	99	13.90	13.91	13.92		
20	QPSK	50	0	13.87	14.17	14.08	15.5	0
20	QPSK	50	24	13.82	14.14	14.00		
20	QPSK	50	50	13.85	13.95	14.06		
20	QPSK	100	0	13.95	14.04	13.83		
20	16QAM	1	0	13.58	13.59	13.54	15.5	0
20	16QAM	1	49	13.66	13.55	13.54		
20	16QAM	1	99	13.71	13.96	13.56		
20	16QAM	50	0	13.78	14.01	14.16	15.5	0
20	16QAM	50	24	13.86	14.17	13.98		
20	16QAM	50	50	13.88	14.19	13.99		
20	16QAM	100	0	13.94	13.99	13.91		
20	64QAM	1	0	14.06	13.96	13.85	15.5	0
20	64QAM	1	49	13.75	14.00	14.05		
20	64QAM	1	99	13.91	14.14	14.02		
20	64QAM	50	0	13.86	14.07	14.11	15.5	0
20	64QAM	50	24	13.88	13.97	13.91		
20	64QAM	50	50	13.91	14.06	13.80		
20	64QAM	100	0	13.95	14.02	13.96		
20	256QAM	1	0	14.02	13.94	14.19	15.5	0
20	256QAM	1	49	14.13	13.89	13.93		
20	256QAM	1	99	14.11	14.02	13.91		
20	256QAM	50	0	14.12	13.92	13.86	15.5	0
20	256QAM	50	24	14.13	13.73	13.77		
20	256QAM	50	50	14.22	13.94	13.82		
20	256QAM	100	0	14.12	13.88	13.95		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.93	14.27	14.09	15.5	0
15	QPSK	1	37	13.94	13.96	13.94		
15	QPSK	1	74	13.86	13.91	13.89		
15	QPSK	36	0	13.81	14.08	14.01	15.5	0
15	QPSK	36	20	13.94	14.11	14.00		
15	QPSK	36	39	13.91	13.91	13.98		
15	QPSK	75	0	13.95	14.04	13.79		
15	16QAM	1	0	13.57	13.54	13.50	15.5	0
15	16QAM	1	37	13.64	13.54	13.50		
15	16QAM	1	74	13.71	13.90	13.56		
15	16QAM	36	0	13.73	13.93	14.14	15.5	0
15	16QAM	36	20	13.83	14.12	13.94		
15	16QAM	36	39	13.85	14.11	13.91		
15	16QAM	75	0	13.87	13.91	13.90		
15	64QAM	1	0	14.03	13.95	13.85	15.5	0
15	64QAM	1	37	13.71	13.99	13.98		
15	64QAM	1	74	13.83	14.09	13.99		
15	64QAM	36	0	13.82	14.02	14.11	15.5	0
15	64QAM	36	20	13.86	13.97	13.89		
15	64QAM	36	39	13.88	14.00	13.79		
15	64QAM	75	0	13.94	14.02	13.95		
15	256QAM	1	0	13.95	13.88	14.15	15.5	0
15	256QAM	1	37	14.12	13.89	13.90		
15	256QAM	1	74	14.08	13.99	13.91		
15	256QAM	36	0	14.12	13.87	13.78	15.5	0
15	256QAM	36	20	14.13	13.70	13.74		
15	256QAM	36	39	14.18	13.89	13.74		
15	256QAM	75	0	14.07	13.88	13.90		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.92	14.25	14.06	15.5	0
10	QPSK	1	25	13.87	13.94	13.91		
10	QPSK	1	49	13.88	13.87	13.87		
10	QPSK	25	0	13.79	14.06	14.08	15.5	0
10	QPSK	25	12	13.97	14.09	13.94		
10	QPSK	25	25	13.84	13.93	13.98		
10	QPSK	50	0	13.92	13.96	13.77		
10	16QAM	1	0	13.55	13.51	13.50	15.5	0
10	16QAM	1	25	13.66	13.50	13.54		
10	16QAM	1	49	13.66	13.91	13.52		
10	16QAM	25	0	13.76	13.97	14.11	15.5	0
10	16QAM	25	12	13.83	14.10	13.97		
10	16QAM	25	25	13.85	14.14	13.95		
10	16QAM	50	0	13.88	13.95	13.87		
10	64QAM	1	0	14.01	13.88	13.81	15.5	0
10	64QAM	1	25	13.67	13.96	14.04		
10	64QAM	1	49	13.85	14.12	13.97		
10	64QAM	25	0	13.85	13.99	14.09	15.5	0
10	64QAM	25	12	13.81	13.97	13.89		
10	64QAM	25	25	13.90	14.02	13.74		
10	64QAM	50	0	13.87	13.98	13.96		
10	256QAM	1	0	13.95	13.88	14.17	15.5	0
10	256QAM	1	25	14.12	13.82	13.86		
10	256QAM	1	49	14.06	14.01	13.86		
10	256QAM	25	0	14.06	13.87	13.81	15.5	0
10	256QAM	25	12	14.10	13.73	13.77		
10	256QAM	25	25	14.14	13.86	13.80		
10	256QAM	50	0	14.12	13.88	13.90		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.91	14.19	14.03	15.5	0
5	QPSK	1	12	13.94	13.92	13.97		
5	QPSK	1	24	13.86	13.90	13.90		
5	QPSK	12	0	13.87	14.12	14.04	15.5	0
5	QPSK	12	7	13.98	14.09	13.94		
5	QPSK	12	13	13.92	13.87	13.99		
5	QPSK	25	0	13.88	14.01	13.76		
5	16QAM	1	0	13.58	13.58	13.54	15.5	0
5	16QAM	1	12	13.64	13.50	13.51		
5	16QAM	1	24	13.66	13.88	13.50		
5	16QAM	12	0	13.77	13.99	14.15	15.5	0
5	16QAM	12	7	13.79	14.17	13.96		
5	16QAM	12	13	13.83	14.16	13.98		
5	16QAM	25	0	13.89	13.96	13.87		
5	64QAM	1	0	14.03	13.91	13.82	15.5	0
5	64QAM	1	12	13.72	13.96	13.97		
5	64QAM	1	24	13.85	14.13	13.96		
5	64QAM	12	0	13.79	14.04	14.03	15.5	0
5	64QAM	12	7	13.87	13.94	13.88		
5	64QAM	12	13	13.83	14.03	13.80		
5	64QAM	25	0	13.91	13.97	13.96		
5	256QAM	1	0	14.01	13.89	14.13	15.5	0
5	256QAM	1	12	14.10	13.87	13.93		
5	256QAM	1	24	14.05	14.00	13.87		
5	256QAM	12	0	14.09	13.89	13.78	15.5	0
5	256QAM	12	7	14.06	13.69	13.76		
5	256QAM	12	13	14.22	13.90	13.76		
5	256QAM	25	0	14.11	13.86	13.94		

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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	25.01	25.15	25.05	25.7	0
10	QPSK	1	25	24.97	25.14	25.00		
10	QPSK	1	49	25.00	25.13	25.02		
10	QPSK	25	0	23.96	24.12	24.07	24.7	1
10	QPSK	25	12	24.03	24.10	23.94		
10	QPSK	25	25	23.98	24.08	24.02		
10	QPSK	50	0	24.06	24.06	24.04		
10	16QAM	1	0	24.06	24.45	24.02	24.7	1
10	16QAM	1	25	24.06	24.42	24.15		
10	16QAM	1	49	24.12	24.55	24.18		
10	16QAM	25	0	22.82	22.98	23.02	23.7	2
10	16QAM	25	12	22.93	22.92	23.14		
10	16QAM	25	25	22.93	22.98	23.06		
10	16QAM	50	0	22.98	23.04	22.97		
10	64QAM	1	0	23.16	23.15	23.23	23.7	2
10	64QAM	25	0	23.23	23.37	23.40		
10	64QAM	1	49	23.35	23.46	23.34		
10	64QAM	25	0	21.88	22.02	22.05	22.7	3
10	64QAM	25	12	21.99	22.06	22.14		
10	64QAM	25	25	22.00	22.07	22.11		
10	64QAM	50	0	22.02	22.04	22.04		
10	256QAM	1	0	20.09	20.20	20.20	20.7	5
10	256QAM	1	25	20.25	20.19	20.26		
10	256QAM	1	49	20.17	20.18	20.18		
10	256QAM	25	0	20.01	20.09	20.13	20.7	5
10	256QAM	25	12	20.08	20.08	20.08		
10	256QAM	25	25	20.06	19.99	20.00		
10	256QAM	50	0	20.08	20.08	20.11		
Channel				23330	23295	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	25.03	25.13	24.96	25.7	0
5	QPSK	1	12	25.06	25.14	25.05		
5	QPSK	1	24	25.10	25.08	25.11		
5	QPSK	12	0	23.94	24.06	23.99	24.7	1
5	QPSK	12	7	23.93	24.01	24.05		
5	QPSK	12	13	24.00	23.99	23.93		
5	QPSK	25	0	23.99	23.94	24.00		
5	16QAM	1	0	24.39	24.20	24.29	24.7	1
5	16QAM	1	12	24.43	24.24	24.18		
5	16QAM	1	24	24.49	24.28	24.33		
5	16QAM	12	0	22.95	23.07	23.01	23.7	2
5	16QAM	12	7	22.91	23.05	23.04		
5	16QAM	12	13	22.99	22.94	22.90		
5	16QAM	25	0	22.98	23.06	23.17		
5	64QAM	1	0	22.71	23.02	23.07	23.7	2
5	64QAM	1	12	22.75	23.09	23.02		
5	64QAM	1	24	22.78	23.11	23.11		
5	64QAM	12	0	21.99	22.02	21.98	22.7	3
5	64QAM	12	7	21.96	21.98	21.99		
5	64QAM	12	13	21.97	21.94	21.88		
5	64QAM	25	0	21.98	22.03	21.96		
5	256QAM	1	0	19.98	20.00	19.92	20.7	5
5	256QAM	1	12	20.10	20.02	20.12		
5	256QAM	1	24	20.11	20.02	20.07		
5	256QAM	12	0	20.04	19.95	19.97	20.7	5
5	256QAM	12	7	20.03	20.06	20.12		
5	256QAM	12	13	19.91	20.06	20.02		
5	256QAM	25	0	19.92	20.05	19.91		
Channel				23021	23095	23169	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.82	25.05	25.05	25.7	0
3	QPSK	1	8	24.92	25.10	25.07		
3	QPSK	1	14	25.04	25.07	25.07		
3	QPSK	8	0	23.94	23.98	24.00	24.7	1
3	QPSK	8	4	23.92	23.97	23.99		
3	QPSK	8	7	23.97	24.02	24.02		
3	QPSK	15	0	23.96	23.93	23.97		
3	16QAM	1	0	24.24	24.40	24.43	24.7	1
3	16QAM	1	8	24.33	24.35	24.51		
3	16QAM	1	14	24.29	24.31	24.51		
3	16QAM	8	0	22.93	22.99	23.11	23.7	2
3	16QAM	8	4	23.00	23.04	23.03		
3	16QAM	8	7	23.05	23.06	23.10		
3	16QAM	15	0	22.90	22.85	23.02		
3	64QAM	1	0	23.20	23.28	23.09	23.7	2
3	64QAM	1	8	23.18	23.31	23.13		
3	64QAM	1	14	23.27	23.31	23.07		
3	64QAM	8	0	21.95	21.95	22.06	22.7	3
3	64QAM	8	4	21.96	21.97	21.99		
3	64QAM	8	7	22.03	22.01	21.95		
3	64QAM	15	0	22.07	22.01	21.99		
3	256QAM	1	0	19.90	19.97	19.98	20.7	5
3	256QAM	1	8	19.95	20.04	19.93		
3	256QAM	1	14	20.07	19.99	19.93		
3	256QAM	8	0	19.92	19.97	20.05	20.7	5
3	256QAM	8	4	20.15	19.90	20.08		
3	256QAM	8	7	20.02	20.03	20.04		
3	256QAM	15	0	19.98	19.98	20.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.86	24.86	24.85	25.7	0
1.4	QPSK	1	3	24.83	24.90	24.85		
1.4	QPSK	1	5	24.87	24.99	24.83		
1.4	QPSK	3	0	24.91	24.97	24.96		
1.4	QPSK	3	2	24.93	24.99	24.95		
1.4	QPSK	3	3	24.93	24.93	25.06		
1.4	QPSK	6	0	23.89	24.01	24.06	24.7	1
1.4	16QAM	1	0	23.98	24.07	23.84	24.7	1
1.4	16QAM	1	3	24.03	24.13	23.84		
1.4	16QAM	1	5	24.06	24.07	23.83		
1.4	16QAM	3	0	23.97	24.11	24.05		
1.4	16QAM	3	1	23.97	24.06	23.95		
1.4	16QAM	3	3	23.99	23.98	24.05		
1.4	16QAM	6	0	22.96	23.06	22.99	23.7	2
1.4	64QAM	1	0	23.15	23.26	23.29	23.7	2
1.4	64QAM	1	3	23.13	23.30	23.29		
1.4	64QAM	1	5	23.15	23.28	23.29		
1.4	64QAM	3	0	23.02	23.15	22.99		
1.4	64QAM	3	1	23.06	23.21	23.22		
1.4	64QAM	3	3	22.97	23.14	23.28		
1.4	64QAM	6	0	21.94	21.97	21.92	22.7	3
1.4	256QAM	1	0	19.94	19.95	20.09	20.7	5
1.4	256QAM	1	3	20.03	19.99	20.15		
1.4	256QAM	1	5	20.06	19.92	19.93		
1.4	256QAM	3	0	20.12	20.04	20.10		
1.4	256QAM	3	1	20.13	20.05	20.10		
1.4	256QAM	3	3	19.99	20.09	20.10		
1.4	256QAM	6	0	20.07	19.94	20.06	20.7	5

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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.08	21.18	21.10	21.7	0
10	QPSK	1	25	20.88	21.01	20.91		
10	QPSK	1	49	20.92	21.02	21.02		
10	QPSK	25	0	21.06	21.10	21.04	21.7	0
10	QPSK	25	12	20.98	21.02	20.98		
10	QPSK	25	25	20.96	20.97	21.09		
10	QPSK	50	0	21.00	21.09	21.08		
10	16QAM	1	0	21.24	21.41	21.39	21.7	0
10	16QAM	1	25	21.24	21.58	21.26		
10	16QAM	1	49	21.34	21.53	21.35		
10	16QAM	25	0	21.02	21.02	21.01	21.7	0
10	16QAM	25	12	21.08	21.17	20.97		
10	16QAM	25	25	20.98	21.09	21.02		
10	16QAM	50	0	21.02	21.09	20.99		
10	64QAM	1	0	21.00	21.11	21.10	21.7	0
10	64QAM	1	25	21.07	21.23	21.09		
10	64QAM	1	49	21.20	21.35	21.17		
10	64QAM	25	0	20.98	20.90	21.05	21.7	0
10	64QAM	25	12	21.09	20.98	20.98		
10	64QAM	25	25	20.94	21.02	21.08		
10	64QAM	50	0	21.01	21.03	21.05		
10	256QAM	1	0	20.30	20.30	20.34	20.7	1
10	256QAM	1	25	20.33	20.33	20.35		
10	256QAM	1	49	20.34	20.30	20.36		
10	256QAM	25	0	20.16	20.21	20.26	20.7	1
10	256QAM	25	12	20.24	20.22	20.18		
10	256QAM	25	25	20.15	20.21	20.27		
10	256QAM	50	0	20.18	20.28	20.23		
Channel				23330	23295	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.87	20.94	21.09	21.7	0
5	QPSK	1	12	20.96	21.03	21.05		
5	QPSK	1	24	21.07	21.05	21.12		
5	QPSK	12	0	20.99	21.02	21.01	21.7	0
5	QPSK	12	7	20.92	21.01	21.02		
5	QPSK	12	13	20.94	20.99	20.76		
5	QPSK	25	0	20.92	20.94	21.00		
5	16QAM	1	0	21.10	21.20	21.17	21.7	0
5	16QAM	1	12	21.49	21.14	21.48		
5	16QAM	1	24	21.19	21.21	21.00		
5	16QAM	12	0	20.95	21.01	21.01	21.7	0
5	16QAM	12	7	20.96	20.90	21.01		
5	16QAM	12	13	20.92	20.89	20.93		
5	16QAM	25	0	20.88	20.96	21.14		
5	64QAM	1	0	21.17	21.25	21.29	21.7	0
5	64QAM	1	12	20.80	21.46	21.26		
5	64QAM	1	24	20.85	21.43	21.24		
5	64QAM	12	0	21.00	21.05	21.10	21.7	0
5	64QAM	12	7	20.97	21.04	21.14		
5	64QAM	12	13	20.99	20.92	20.85		
5	64QAM	25	0	21.03	20.92	21.04		
5	256QAM	1	0	20.15	20.15	20.15	20.7	1
5	256QAM	1	12	20.17	20.29	20.13		
5	256QAM	1	24	20.18	20.35	20.21		
5	256QAM	12	0	19.96	20.27	20.22	20.7	1
5	256QAM	12	7	20.13	20.19	20.20		
5	256QAM	12	13	20.14	20.07	20.13		
5	256QAM	25	0	20.09	20.12	20.23		
Channel				23021	23095	23169	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.83	21.03	20.90	21.7	0
3	QPSK	1	8	20.87	20.94	20.93		
3	QPSK	1	14	21.02	20.98	20.90		
3	QPSK	8	0	20.96	20.99	21.07	21.7	0
3	QPSK	8	4	20.91	20.96	20.99		
3	QPSK	8	7	20.94	20.95	20.96		
3	QPSK	15	0	20.93	20.90	21.00		
3	16QAM	1	0	21.05	20.90	21.14	21.7	0
3	16QAM	1	8	21.42	20.94	20.98		
3	16QAM	1	14	21.37	20.91	20.98		
3	16QAM	8	0	21.00	21.14	21.12	21.7	0
3	16QAM	8	4	21.04	21.15	21.13		
3	16QAM	8	7	21.08	20.98	21.12		
3	16QAM	15	0	20.95	21.03	21.13		
3	64QAM	1	0	20.96	21.22	21.12	21.7	0
3	64QAM	1	8	21.24	21.21	21.12		
3	64QAM	1	14	21.07	21.29	21.36		
3	64QAM	8	0	20.86	21.05	21.05	21.7	0
3	64QAM	8	4	20.96	21.17	20.97		
3	64QAM	8	7	20.99	20.99	21.05		
3	64QAM	15	0	20.98	20.93	21.01		
3	256QAM	1	0	20.19	20.24	20.13	20.7	1
3	256QAM	1	8	20.33	20.22	20.21		
3	256QAM	1	14	20.14	20.26	20.16		
3	256QAM	8	0	20.08	20.14	20.16	20.7	1
3	256QAM	8	4	20.17	20.18	20.15		
3	256QAM	8	7	19.95	20.17	20.16		
3	256QAM	15	0	20.07	20.05	20.18		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.79	20.83	20.92	21.7	0
1.4	QPSK	1	3	21.11	20.87	20.97		
1.4	QPSK	1	5	20.90	20.88	20.99		
1.4	QPSK	3	0	20.89	21.01	20.98		
1.4	QPSK	3	2	20.93	20.98	21.01		
1.4	QPSK	3	3	20.90	20.95	21.07		
1.4	QPSK	6	0	20.92	20.99	20.96	21.7	0
1.4	16QAM	1	0	21.41	20.97	21.15	21.7	0
1.4	16QAM	1	3	21.47	21.14	21.20		
1.4	16QAM	1	5	21.43	21.00	21.08		
1.4	16QAM	3	0	20.93	21.00	20.98		
1.4	16QAM	3	1	20.95	20.89	21.06		
1.4	16QAM	3	3	20.97	21.00	21.09		
1.4	16QAM	6	0	21.05	21.11	21.19	21.7	0
1.4	64QAM	1	0	21.06	21.02	20.81	21.7	0
1.4	64QAM	1	3	21.14	21.27	20.84		
1.4	64QAM	1	5	21.22	20.78	21.31		
1.4	64QAM	3	0	21.08	21.13	21.13		
1.4	64QAM	3	1	21.04	21.15	21.09		
1.4	64QAM	3	3	21.02	21.04	21.21		
1.4	64QAM	6	0	20.91	20.92	21.01	21.7	0
1.4	256QAM	1	0	20.15	20.16	20.16	20.7	1
1.4	256QAM	1	3	20.14	20.34	20.33		
1.4	256QAM	1	5	20.25	20.36	20.30		
1.4	256QAM	3	0	19.96	20.13	20.21		
1.4	256QAM	3	1	20.06	20.07	20.14		
1.4	256QAM	3	3	20.14	20.17	20.01		
1.4	256QAM	6	0	20.08	20.05	20.20	20.7	1

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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				703	710	711		
10	QPSK	1	0	24.86	25.15	24.95	25.7	0
10	QPSK	1	25	25.03	25.07	25.05		
10	QPSK	1	49	25.02	25.14	25.06		
10	QPSK	25	0	23.94	24.15	23.99	24.7	1
10	QPSK	25	12	24.06	24.03	24.13		
10	QPSK	25	25	24.07	24.10	24.09		
10	QPSK	50	0	24.07	24.09	24.08		
10	16QAM	1	0	23.92	24.07	24.07	24.7	1
10	16QAM	1	25	24.10	24.20	24.13		
10	16QAM	1	49	24.17	24.18	24.58		
10	16QAM	25	0	22.98	22.94	23.09	23.7	2
10	16QAM	25	12	23.01	22.97	23.11		
10	16QAM	25	25	23.09	23.01	23.12		
10	16QAM	50	0	23.05	23.00	23.01		
10	64QAM	1	0	22.96	23.18	23.23	23.7	2
10	64QAM	25	0	22.99	23.32	23.39		
10	64QAM	1	49	23.39	23.35	23.41		
10	64QAM	25	0	21.93	21.93	22.06	22.7	3
10	64QAM	25	12	22.04	22.02	22.14		
10	64QAM	25	25	22.07	22.14	22.13		
10	64QAM	50	0	22.01	22.06	22.02		
10	256QAM	1	0	20.16	20.13	20.16	20.7	5
10	256QAM	1	25	20.26	20.29	20.30		
10	256QAM	1	49	20.21	20.24	20.24		
10	256QAM	25	0	20.10	20.12	20.14	20.7	5
10	256QAM	25	12	20.12	20.12	20.09		
10	256QAM	25	25	20.14	20.13	20.07		
10	256QAM	50	0	20.06	20.11	20.10		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.99	25.07	25.00	25.7	0
5	QPSK	1	12	25.06	25.05	25.03		
5	QPSK	1	24	25.06	25.11	25.13		
5	QPSK	12	0	23.92	24.05	24.08	24.7	1
5	QPSK	12	7	23.96	24.07	24.05		
5	QPSK	12	13	23.97	24.04	23.96		
5	QPSK	25	0	24.03	24.05	24.02		
5	16QAM	1	0	24.35	24.45	24.29	24.7	1
5	16QAM	1	12	24.49	24.59	24.21		
5	16QAM	1	24	24.54	24.56	24.30		
5	16QAM	12	0	22.94	22.98	23.09	23.7	2
5	16QAM	12	7	22.93	22.99	23.06		
5	16QAM	12	13	22.91	23.02	22.96		
5	16QAM	25	0	23.08	23.16	23.17		
5	64QAM	1	0	22.76	22.75	23.17	23.7	2
5	64QAM	1	12	22.82	22.89	23.12		
5	64QAM	1	24	22.92	22.94	23.12		
5	64QAM	12	0	21.98	22.03	22.06	22.7	3
5	64QAM	12	7	21.98	22.08	22.05		
5	64QAM	12	13	21.98	22.01	21.95		
5	64QAM	25	0	21.94	22.12	22.08		
5	256QAM	1	0	20.12	20.02	19.97	20.7	5
5	256QAM	1	12	20.11	20.13	20.09		
5	256QAM	1	24	20.15	20.09	19.91		
5	256QAM	12	0	20.07	19.94	20.06	20.7	5
5	256QAM	12	7	19.99	20.11	19.97		
5	256QAM	12	13	19.97	19.93	19.95		
5	256QAM	25	0	20.11	20.02	20.12		

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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				703	710	711		
10	QPSK	1	0	21.63	21.70	21.61	22.2	0
10	QPSK	1	25	21.61	21.82	21.57		
10	QPSK	1	49	21.60	21.68	21.58		
10	QPSK	25	0	21.65	21.68	21.67	22.2	0
10	QPSK	25	12	21.58	21.65	21.61		
10	QPSK	25	25	21.60	21.65	21.62		
10	QPSK	50	0	21.61	21.63	21.61		
10	16QAM	1	0	21.67	21.69	21.68	22.2	0
10	16QAM	1	25	21.69	21.65	21.61		
10	16QAM	1	49	21.69	21.60	21.56		
10	16QAM	25	0	21.60	21.63	21.55	22.2	0
10	16QAM	25	12	21.53	21.64	21.63		
10	16QAM	25	25	21.59	21.65	21.62		
10	16QAM	50	0	21.59	21.67	21.61		
10	64QAM	1	0	21.56	21.62	21.31	22.2	0
10	64QAM	1	25	21.60	21.65	21.50		
10	64QAM	1	49	21.68	21.60	21.52		
10	64QAM	25	0	21.61	21.58	21.58	22.2	0
10	64QAM	25	12	21.60	21.60	21.65		
10	64QAM	25	25	21.67	21.69	21.69		
10	64QAM	50	0	21.57	21.66	21.68		
10	256QAM	1	0	20.45	20.39	20.42	20.7	1.5
10	256QAM	1	25	20.49	20.50	20.53		
10	256QAM	1	49	20.46	20.47	20.50		
10	256QAM	25	0	20.32	20.37	20.37	20.7	1.5
10	256QAM	25	12	20.37	20.38	20.41		
10	256QAM	25	25	20.50	20.51	20.40		
10	256QAM	50	0	20.36	20.36	20.39		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.52	21.56	21.69	22.2	0
5	QPSK	1	12	21.59	21.63	21.57		
5	QPSK	1	24	21.64	21.61	21.57		
5	QPSK	12	0	21.57	21.59	21.58	22.2	0
5	QPSK	12	7	21.60	21.62	21.66		
5	QPSK	12	13	21.60	21.62	21.50		
5	QPSK	25	0	21.59	21.61	21.69		
5	16QAM	1	0	21.64	21.68	21.67	22.2	0
5	16QAM	1	12	21.59	21.64	21.69		
5	16QAM	1	24	21.63	21.62	21.60		
5	16QAM	12	0	21.57	21.57	21.57	22.2	0
5	16QAM	12	7	21.61	21.67	21.60		
5	16QAM	12	13	21.51	21.64	21.55		
5	16QAM	25	0	21.55	21.62	21.65		
5	64QAM	1	0	21.58	21.64	21.64	22.2	0
5	64QAM	1	12	21.59	21.47	21.62		
5	64QAM	1	24	21.65	21.48	21.63		
5	64QAM	12	0	21.56	21.62	21.65	22.2	0
5	64QAM	12	7	21.50	21.67	21.68		
5	64QAM	12	13	21.57	21.65	21.45		
5	64QAM	25	0	21.58	21.67	21.68		
5	256QAM	1	0	20.38	20.20	20.37	20.7	1.5
5	256QAM	1	12	20.47	20.30	20.36		
5	256QAM	1	24	20.35	20.46	20.51		
5	256QAM	12	0	20.13	20.17	20.29	20.7	1.5
5	256QAM	12	7	20.20	20.39	20.36		
5	256QAM	12	13	20.47	20.46	20.28		
5	256QAM	25	0	20.30	20.18	20.34		

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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				823.5	831.5	841.5		
15	QPSK	1	0	25.18	25.21	25.15		
15	QPSK	1	37	25.15	25.18	25.07	25.7	0
15	QPSK	1	74	25.12	25.13	25.07		
15	QPSK	36	0	23.81	23.87	23.79		
15	QPSK	36	20	23.77	23.80	23.75	24.7	1
15	QPSK	36	39	23.75	23.80	23.64		
15	QPSK	75	0	23.82	23.83	23.81		
15	16QAM	1	0	24.09	24.18	24.22		
15	16QAM	1	37	24.06	24.23	24.28	24.7	1
15	16QAM	1	74	24.11	24.19	24.32		
15	16QAM	36	0	22.74	22.81	22.79		
15	16QAM	36	20	22.78	22.82	22.77	23.7	2
15	16QAM	36	39	22.77	22.90	22.72		
15	16QAM	75	0	22.78	22.84	22.81		
15	64QAM	1	0	22.77	23.08	23.10		
15	64QAM	1	37	22.90	23.12	22.99	23.7	2
15	64QAM	1	74	22.77	23.09	22.99		
15	64QAM	36	0	21.80	21.78	21.75		
15	64QAM	36	20	21.84	21.78	21.83	22.7	3
15	64QAM	36	39	21.78	21.77	21.76		
15	64QAM	75	0	21.72	21.75	21.80		
15	256QAM	1	0	19.97	19.89	19.98		
15	256QAM	1	37	19.91	19.95	19.86	20.7	5
15	256QAM	1	74	19.98	19.88	19.98		
15	256QAM	36	0	19.86	19.87	19.78		
15	256QAM	36	20	19.82	19.83	19.86	20.7	5
15	256QAM	36	39	19.82	19.88	19.78		
15	256QAM	75	0	19.82	19.83	19.79		
Channel				26740	26815	26890	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.71	24.84	24.69		
10	QPSK	1	25	24.78	24.82	24.71	25.7	0
10	QPSK	1	49	24.84	24.81	24.78		
10	QPSK	25	0	23.82	23.78	23.89		
10	QPSK	25	12	23.78	23.83	23.80	24.7	1
10	QPSK	25	25	23.82	23.80	23.82		
10	QPSK	50	0	23.81	23.86	23.93		
10	16QAM	1	0	24.28	23.81	23.57		
10	16QAM	1	25	24.26	23.87	23.56	24.7	1
10	16QAM	1	49	23.85	23.90	23.60		
10	16QAM	25	0	22.72	22.91	22.89		
10	16QAM	25	12	22.75	22.90	22.82	23.7	2
10	16QAM	25	25	22.76	22.85	22.77		
10	16QAM	50	0	22.81	22.86	22.83		
10	64QAM	1	0	22.97	22.96	23.06		
10	64QAM	1	25	23.08	23.05	23.03	23.7	2
10	64QAM	1	49	22.99	23.02	23.09		
10	64QAM	25	0	21.78	21.86	21.79		
10	64QAM	25	12	21.78	21.72	21.74	22.7	3
10	64QAM	25	25	21.86	21.72	21.71		
10	64QAM	50	0	21.77	21.81	21.85		
10	256QAM	1	0	19.62	19.57	19.43		
10	256QAM	1	25	19.41	19.61	19.40	20.7	5
10	256QAM	1	49	19.71	19.55	19.55		
10	256QAM	25	0	19.92	19.84	19.90		
10	256QAM	25	12	19.77	19.45	19.63	20.7	5
10	256QAM	25	25	19.41	19.52	19.81		
10	256QAM	50	0	19.57	19.46	19.71		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.76	24.77	24.78		
5	QPSK	1	12	24.84	24.75	24.84	25.7	0
5	QPSK	1	24	24.78	24.72	24.78		
5	QPSK	12	0	23.77	23.84	23.87		
5	QPSK	12	7	23.78	23.86	23.93	24.7	1
5	QPSK	12	13	23.76	23.76	23.83		
5	QPSK	25	0	23.83	23.82	23.90		
5	16QAM	1	0	23.77	23.84	24.17		
5	16QAM	1	12	23.81	23.87	24.23	24.7	1
5	16QAM	1	24	23.89	23.86	24.26		
5	16QAM	12	0	22.69	22.79	22.89		
5	16QAM	12	7	22.77	22.80	22.90	23.7	2
5	16QAM	12	13	22.72	22.70	22.81		
5	16QAM	25	0	22.74	22.69	22.90		
5	64QAM	1	0	23.06	23.04	23.11		
5	64QAM	1	12	22.83	23.09	23.08	23.7	2
5	64QAM	1	24	23.02	23.03	23.10		
5	64QAM	12	0	21.78	21.88	21.87		
5	64QAM	12	7	21.83	21.81	21.84	22.7	3
5	64QAM	12	13	21.79	21.77	21.82		
5	64QAM	25	0	21.74	21.71	21.92		
5	256QAM	1	0	19.40	19.63	19.48		
5	256QAM	1	12	19.66	19.47	19.83	20.7	5
5	256QAM	1	24	19.64	19.59	19.49		
5	256QAM	12	0	19.84	19.83	19.71		
5	256QAM	12	7	19.65	19.81	19.86	20.7	5
5	256QAM	12	13	19.82	19.78	19.56		
5	256QAM	25	0	19.62	19.52	19.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813.5	831.5	847.5		
3	QPSK	1	0	24.87	24.95	24.80		
3	QPSK	1	8	24.99	25.02	24.91	25.7	0
3	QPSK	1	14	24.95	24.99	24.94		
3	QPSK	8	0	23.82	23.81	23.78		
3	QPSK	8	4	23.76	23.74	23.83	24.7	1
3	QPSK	8	7	23.74	23.80	23.88		
3	QPSK	15	0	23.76	23.77	23.90		
3	16QAM	1	0	24.30	24.26	24.02		
3	16QAM	1	8	24.23	24.26	24.06	24.7	1
3	16QAM	1	14	24.26	23.94	24.06		
3	16QAM	8	0	22.83	22.78	22.88		
3	16QAM	8	4	22.76	22.74	22.92	23.7	2
3	16QAM	8	7	22.85	22.79	22.97		
3	16QAM	15	0	22.83	22.81	22.80		
3	64QAM	1	0	22.55	22.82	22.77		
3	64QAM	1	8	22.59	22.70	22.87	23.7	2
3	64QAM	1	14	22.57	22.69	22.79		
3	64QAM	8	0	21.78	21.62	21.70		
3	64QAM	8	4	21.83	21.61	21.72	22.7	3
3	64QAM	8	7	21.88	21.70	21.83		
3	64QAM	15	0	21.69	21.85	21.69		
3	256QAM	1	0	19.84	19.65	19.40		
3	256QAM	1	8	19.74	19.44	19.45	20.7	5
3	256QAM	1	14	19.73	19.46	19.58		
3	256QAM	8	0	19.68	19.79	19.52		
3	256QAM	8	4	19.48	19.70	19.95	20.7	5
3	256QAM	8	7	19.58	19.46	19.79		
3	256QAM	15	0	19.49	19.42	19.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.10	25.12	25.05		
1.4	QPSK	1	3	25.14	25.13	25.02		
1.4	QPSK	1	5	25.09	25.09	24.97	25.7	0
1.4	QPSK	3	0	24.77	24.85	24.78		
1.4	QPSK	3	1	24.85	24.76	24.72		
1.4	QPSK	3	3	24.77	24.70	24.79		
1.4	QPSK	6	0	23.90	23.88	23.90	24.7	1
1.4	16QAM	1	0	24.07	24.09	24.25		
1.4	16QAM	1	3	24.03	24.39	24.34		
1.4	16QAM	1	5	23.99	24.10	24.20	24.7	1
1.4	16QAM	3	0	23.88	23.78	23.78		
1.4	16QAM	3	1	23.82	23.85	23.83		
1.4	16QAM	3	3	23.91	23.79	23.82		
1.4	16QAM	6	0	22.88	22.99	22.99	23.7	2
1.4	64QAM	1	0	22.79	23.19	23.20		
1.4	64QAM	1	3	22.74	23.12	23.21		
1.4	64QAM	1	5	22.67	23.09	22.97	23.7	2
1.4	64QAM	3	0	22.51	23.02	23.02		
1.4	64QAM	3	1	22.65	23.08	23.00		
1.4	64QAM	3	3	22.52	23.01	22.97		
1.4	64QAM	6	0	21.71	21.76	21.86	22.7	3
1.4	256QAM	1	0	19.65	19.46	19.76		
1.4	256QAM	1	3	19.40	19.64	19.62		
1.4	256QAM	1	5	19.84	19.88	19.74	20.7	5
1.4	256QAM	3	0	19.66	19.64	19.64		
1.4	256QAM	3	1	19.49	19.53	19.76		
1.4	256QAM	3	3	19.95	19.54	19.79		
1.4	256QAM	6	0	19.72	19.52	19.90	20.7	5

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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				823.5	831.5	841.5		
15	QPSK	1	0	21.87	21.88	21.81		
15	QPSK	1	37	21.86	21.54	21.58	22.7	0
15	QPSK	1	74	21.52	21.34	21.43		
15	QPSK	36	0	21.78	21.85	21.75		
15	QPSK	36	20	21.57	21.47	21.47	22.7	0
15	QPSK	36	39	21.55	21.50	21.53		
15	QPSK	75	0	21.58	21.60	21.58		
15	16QAM	1	0	21.51	21.52	21.26		
15	16QAM	1	37	21.30	21.64	21.20	22.7	0
15	16QAM	1	74	21.21	21.40	21.21		
15	16QAM	36	0	21.72	21.54	21.59		
15	16QAM	36	20	21.60	21.52	21.48	22.7	0
15	16QAM	36	39	21.66	21.49	21.56		
15	16QAM	75	0	21.64	21.56	21.58		
15	64QAM	1	0	21.82	21.35	21.87		
15	64QAM	1	37	21.74	21.65	21.83	22.7	0
15	64QAM	1	74	21.82	21.21	21.79		
15	64QAM	36	0	21.66	21.62	21.55		
15	64QAM	36	20	21.57	21.53	21.50	22.7	0
15	64QAM	36	39	21.62	21.52	21.54		
15	64QAM	75	0	21.67	21.49	21.54		
15	256QAM	1	0	19.86	19.81	19.73		
15	256QAM	1	37	19.80	19.78	19.73	20.7	2
15	256QAM	1	74	19.73	19.75	19.83		
15	256QAM	36	0	19.72	19.66	19.71		
15	256QAM	36	20	19.73	19.69	19.65	20.7	2
15	256QAM	36	39	19.76	19.65	19.71		
15	256QAM	75	0	19.72	19.61	19.75		
Channel				26740	26815	26890	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.82	21.45	21.38		
10	QPSK	1	25	21.54	21.50	21.39	22.7	0
10	QPSK	1	49	21.51	21.44	21.38		
10	QPSK	25	0	21.73	21.50	21.63		
10	QPSK	25	12	21.63	21.56	21.49	22.7	0
10	QPSK	25	25	21.59	21.55	21.59		
10	QPSK	50	0	21.63	21.56	21.65		
10	16QAM	1	0	21.58	21.64	21.72		
10	16QAM	1	25	21.50	22.18	22.11	22.7	0
10	16QAM	1	49	21.44	21.71	21.77		
10	16QAM	25	0	21.63	21.51	21.60		
10	16QAM	25	12	21.60	21.47	21.55	22.7	0
10	16QAM	25	25	21.51	21.58	21.58		
10	16QAM	50	0	21.67	21.52	21.65		
10	64QAM	1	0	21.87	21.90	21.54		
10	64QAM	1	25	21.63	21.83	21.57	22.7	0
10	64QAM	1	49	21.87	21.31	21.63		
10	64QAM	25	0	21.69	21.59	21.63		
10	64QAM	25	12	21.58	21.50	21.47	22.7	0
10	64QAM	25	25	21.51	21.58	21.56		
10	64QAM	50	0	21.64	21.55	21.58		
10	256QAM	1	0	19.94	19.64	19.57		
10	256QAM	1	25	19.68	19.58	19.63	20.7	2
10	256QAM	1	49	19.53	19.72	19.72		
10	256QAM	25	0	19.63	19.54	19.57		
10	256QAM	25	12	19.74	19.56	19.45	20.7	2
10	256QAM	25	25	19.71	19.64	19.64		
10	256QAM	50	0	19.57	19.59	19.62		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.64	21.56	21.43		
5	QPSK	1	12	21.64	21.56	21.38	22.7	0
5	QPSK	1	24	21.68	21.58	21.42		
5	QPSK	12	0	21.54	21.57	21.43		
5	QPSK	12	7	21.63	21.55	21.57	22.7	0
5	QPSK	12	13	21.60	21.57	21.54		
5	QPSK	25	0	21.58	21.57	21.51		
5	16QAM	1	0	22.20	22.15	21.49		
5	16QAM	1	12	22.12	21.74	21.77	22.7	0
5	16QAM	1	24	22.05	22.07	21.65		
5	16QAM	12	0	21.53	21.53	21.43		
5	16QAM	12	7	21.71	21.64	21.51	22.7	0
5	16QAM	12	13	21.50	21.58	21.51		
5	16QAM	25	0	21.68	21.65	21.54		
5	64QAM	1	0	21.80	21.80	21.60		
5	64QAM	1	12	21.93	21.90	21.74	22.7	0
5	64QAM	1	24	21.72	21.77	21.56		
5	64QAM	12	0	21.50	21.61	21.46		
5	64QAM	12	7	21.64	21.70	21.55	22.7	0
5	64QAM	12	13	21.59	21.50	21.54		
5	64QAM	25	0	21.58	21.52	21.52		
5	256QAM	1	0	19.77	19.74	19.61		
5	256QAM	1	12	19.80	19.70	19.61	20.7	2
5	256QAM	1	24	19.72	19.67	19.81		
5	256QAM	12	0	19.59	19.55	19.70		
5	256QAM	12	7	19.74	19.56	19.65	20.7	2
5	256QAM	12	13	19.73	19.53	19.52		
5	256QAM	25	0	19.57	19.44	19.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813.5	831.5	847.5		
3	QPSK	1	0	21.58	21.49	21.29		
3	QPSK	1	8	21.52	21.44	21.40	22.7	0
3	QPSK	1	14	21.55	21.40	21.36		
3	QPSK	8	0	21.59	21.56	21.52		
3	QPSK	8	4	21.49	21.48	21.49	22.7	0
3	QPSK	8	7	21.62	21.54	21.42		
3	QPSK	15	0	21.64	21.51	21.53		
3	16QAM	1	0	22.17	21.72	21.42		
3	16QAM	1	8	22.14	22.13	22.19	22.7	0
3	16QAM	1	14	21.72	21.85	22.05		
3	16QAM	8	0	21.70	21.61	21.52		
3	16QAM	8	4	21.86	21.49	21.50	22.7	0
3	16QAM	8	7	21.79	21.71	21.62		
3	16QAM	15	0	21.85	21.61	21.49		
3	64QAM	1	0	21.80	21.36	21.71		
3	64QAM	1	8	21.90	21.78	21.71	22.7	0
3	64QAM	1	14	21.72	21.59	21.77		
3	64QAM	8	0	21.68	21.50	21.40		
3	64QAM	8	4	21.57	21.44	21.44	22.7	0
3	64QAM	8	7	21.72	21.64	21.50		
3	64QAM	15	0	21.70	21.67	21.59		
3	256QAM	1	0	19.85	19.73	19.62		
3	256QAM	1	8	19.70	19.65	19.61	20.7	2
3	256QAM	1	14	19.67	19.57	19.72		
3	256QAM	8	0	19.68	19.52	19.58		
3	256QAM	8	4	19.66	19.63	19.45	20.7	2
3	256QAM	8	7	19.67	19.52	19.65		
3	256QAM	15	0	19.72	19.52	19.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.53	21.50	21.44		
1.4	QPSK	1	3	21.64	21.56	21.41		
1.4	QPSK	1	5	21.63	21.54	21.46	22.7	0
1.4	QPSK	3	0	21.58	21.55	21.52		
1.4	QPSK	3	1	21.82	21.59	21.48		
1.4	QPSK	3	3	21.62	21.57	21.51		
1.4	QPSK	6	0	21.62	21.57	21.50	22.7	0
1.4	16QAM	1	0	22.16	21.57	22.09		
1.4	16QAM	1	3	22.18	21.72	22.10		
1.4	16QAM	1	5	21.87	22.13	22.03	22.7	0
1.4	16QAM	3	0	21.69	21.56	21.39		
1.4	16QAM	3	1	21.66	21.40	21.51		
1.4	16QAM	3	3	21.58	21.51	21.47		
1.4	16QAM	6	0	21.75	21.73	21.67	22.7	0
1.4	64QAM	1	0	21.84	21.78	21.25		
1.4	64QAM	1	3	21.90	21.36	21.29		
1.4	64QAM	1	5	21.52	21.78	21.68	22.7	0
1.4	64QAM	3	0	21.74	21.63	21.70		
1.4	64QAM	3	1	21.81	21.70	21.65		
1.4	64QAM	3	3	21.78	21.65	21.58		
1.4	64QAM	6	0	21.66	21.48	21.39	22.7	0
1.4	256QAM	1	0	19.72	19.81	19.71		
1.4	256QAM	1	3	19.64	19.74	19.64		
1.4	256QAM	1	5	19.82	19.56	19.72	20.7	2
1.4	256QAM	3	0	19.67	19.49	19.60		
1.4	256QAM	3	1	19.61	19.59	19.59		
1.4	256QAM	3	3	19.73	19.48	19.67		
1.4	256QAM	6	0	19.59	19.41	19.73	20.7	2

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.73	21.78	21.70		
20	QPSK	1	49	21.84	21.72	21.82	23	0
20	QPSK	1	99	22.09	21.80	21.71		
20	QPSK	50	0	21.88	21.76	21.72		
20	QPSK	50	24	21.79	21.74	21.75	23	0
20	QPSK	50	50	21.78	21.76	21.74		
20	QPSK	100	0	21.77	21.68	21.72		
20	16QAM	1	0	21.76	21.70	21.75		
20	16QAM	1	49	21.78	21.71	21.80	23	0
20	16QAM	1	99	21.86	21.72	21.75		
20	16QAM	50	0	20.76	20.79	20.80		
20	16QAM	50	24	20.75	20.73	20.79	22	1
20	16QAM	50	50	20.83	20.72	20.74		
20	16QAM	100	0	20.76	20.70	20.78		
20	64QAM	1	0	20.49	20.45	20.43		
20	64QAM	1	49	20.53	20.46	20.51	22	1
20	64QAM	1	99	20.57	20.55	20.43		
20	64QAM	50	0	19.71	19.75	19.72		
20	64QAM	50	24	19.79	19.74	19.76	21	2
20	64QAM	50	50	19.72	19.76	19.78		
20	64QAM	100	0	19.78	19.75	19.70		
20	256QAM	1	0	17.58	17.66	17.72		
20	256QAM	1	49	17.70	17.53	17.61	19	4
20	256QAM	1	99	17.66	17.62	17.56		
20	256QAM	50	0	17.58	17.58	17.68		
20	256QAM	50	24	17.37	17.39	17.27	19	4
20	256QAM	50	50	17.48	17.40	17.34		
20	256QAM	100	0	17.41	17.38	17.30		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.70	21.77	21.65		
15	QPSK	1	37	21.79	21.69	21.75	23	0
15	QPSK	1	74	22.08	21.69	21.67		
15	QPSK	36	0	21.84	21.70	21.69		
15	QPSK	36	20	21.74	21.84	21.73	23	0
15	QPSK	36	39	21.78	21.68	21.71		
15	QPSK	75	0	21.70	21.67	21.63		
15	16QAM	1	0	21.72	21.63	21.72		
15	16QAM	1	37	21.68	21.65	21.70	23	0
15	16QAM	1	74	21.85	21.66	21.69		
15	16QAM	36	0	20.69	20.74	20.79		
15	16QAM	36	20	20.70	20.63	20.75	22	1
15	16QAM	36	39	20.75	20.70	20.68		
15	16QAM	75	0	20.66	20.60	20.72		
15	64QAM	1	0	20.38	20.41	20.37		
15	64QAM	1	37	20.51	20.44	20.42	22	1
15	64QAM	1	74	20.51	20.52	20.43		
15	64QAM	36	0	19.69	19.68	19.66		
15	64QAM	36	20	19.73	19.64	19.75	21	2
15	64QAM	36	39	19.62	19.69	19.73		
15	64QAM	75	0	19.71	19.70	19.68		
15	256QAM	1	0	17.50	17.65	17.70		
15	256QAM	1	37	17.68	17.46	17.59	19	4
15	256QAM	1	74	17.61	17.51	17.47		
15	256QAM	36	0	17.58	17.45	17.59		
15	256QAM	36	20	17.32	17.34	17.26	19	4
15	256QAM	36	39	17.45	17.33	17.26		
15	256QAM	75	0	17.41	17.27	17.23		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.69	21.76	21.70		
10	QPSK	1	25	21.75	21.66	21.76	23	0
10	QPSK	1	49	22.01	21.75	21.60		
10	QPSK	25	0	21.83	21.74	21.63		
10	QPSK	25	12	21.77	21.66	21.66	23	0
10	QPSK	25	25	21.77	21.72	21.65		
10	QPSK	50	0	21.72	21.62	21.69		
10	16QAM	1	0	21.67	21.60	21.66		
10	16QAM	1	25	21.73	21.68	21.75	23	0
10	16QAM	1	49	21.86	21.68	21.73		
10	16QAM	25	0	20.75	20.76	20.80		
10	16QAM	25	12	20.67	20.62	20.69	22	1
10	16QAM	25	25	20.74	20.69	20.72		
10	16QAM	50	0	20.66	20.70	20.68		
10	64QAM	1	0	20.42	20.38	20.33		
10	64QAM	1	25	20.53	20.40	20.40	22	1
10	64QAM	1	49	20.46	20.53	20.37		
10	64QAM	25	0	19.60	19.74	19.65		
10	64QAM	25	12	19.69	19.70	19.76	21	2
10	64QAM	25	25	19.69	19.66	19.75		
10	64QAM	50	0	19.73	19.66	19.67		
10	256QAM	1	0	17.52	17.61	17.68		
10	256QAM	1	25	17.68	17.47	17.50	19	4
10	256QAM	1	49	17.60	17.54	17.54		
10	256QAM	25	0	17.50	17.45	17.65		
10	256QAM	25	12	17.35	17.34	17.26	19	4
10	256QAM	25	25	17.44	17.33	17.27		
10	256QAM	50	0	17.38	17.27	17.26		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.69	21.74	21.62		
5	QPSK	1	12	21.82	21.65	21.72	23	0
5	QPSK	1	24	22.06	21.73	21.70		
5	QPSK	12	0	21.88	21.76	21.67		
5	QPSK	12	7	21.73	21.74	21.71	23	0
5	QPSK	12	13	21.76	21.68	21.65		
5	QPSK	25	0	21.69	21.62	21.70		
5	16QAM	1	0	21.66	21.67	21.74		
5	16QAM	1	12	21.69	21.68	21.72	23	0
5	16QAM	1	24	21.84	21.72	21.67		
5	16QAM	12	0	20.68	20.76	20.75		
5	16QAM	12	7	20.74	20.64	20.74	22	1
5	16QAM	12	13	20.76	20.62	20.63		
5	16QAM	25	0	20.66	20.68	20.68		
5	64QAM	1	0	20.48	20.44	20.35		
5	64QAM	1	12	20.50	20.44	20.45	22	1
5	64QAM	1	24	20.56	20.45	20.36		
5	64QAM	12	0	19.70	19.74	19.70		
5	64QAM	12	7	19.72	19.68	19.75	21	2
5	64QAM	12	13	19.69	19.76	19.78		
5	64QAM	25	0	19.74	19.64	19.63		
5	256QAM	1	0	17.47	17.60	17.68		
5	256QAM	1	12	17.68	17.52	17.59	19	4
5	256QAM	1	24	17.65	17.54	17.55		
5	256QAM	12	0	17.49	17.45	17.67		
5	256QAM	12	7	17.37	17.37	17.24	19	4
5	256QAM	12	13	17.39	17.37	17.34		
5	256QAM	25	0	17.41	17.38	17.28		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.21	21.20		
20	QPSK	1	49	21.36	21.22	21.29	22	0
20	QPSK	1	99	21.47	21.36	21.35		
20	QPSK	50	0	21.42	21.19	21.21		
20	QPSK	50	24	21.40	21.28	21.30	22	0
20	QPSK	50	50	21.40	21.37	21.31		
20	QPSK	100	0	21.38	21.27	21.27		
20	16QAM	1	0	21.31	21.31	21.22		
20	16QAM	1	49	21.41	21.30	21.38	22	0
20	16QAM	1	99	21.45	21.43	21.41		
20	16QAM	50	0	21.35	21.22	21.21		
20	16QAM	50	24	21.41	21.25	21.26	22	0
20	16QAM	50	50	21.40	21.37	21.29		
20	16QAM	100	0	21.39	21.22	21.24		
20	64QAM	1	0	21.02	20.91	20.96		
20	64QAM	1	49	21.14	21.03	21.00	22	0
20	64QAM	1	99	21.17	21.12	21.08		
20	64QAM	50	0	21.35	21.24	21.24		
20	64QAM	50	24	21.37	21.31	21.25	22	0
20	64QAM	50	50	21.40	21.32	21.27		
20	64QAM	100	0	21.39	21.28	21.26		
20	256QAM	1	0	19.35	19.36	19.36		
20	256QAM	1	49	19.52	19.35	19.30	20.5	1.5
20	256QAM	1	99	19.58	19.49	19.50		
20	256QAM	50	0	19.74	19.66	19.65		
20	256QAM	50	24	19.71	19.61	19.66	20.5	1.5
20	256QAM	50	50	19.71	19.69	19.64		
20	256QAM	100	0	19.84	19.70	19.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.16	21.11	21.11		
15	QPSK	1	37	21.28	21.18	21.19	22	0
15	QPSK	1	74	21.44	21.27	21.26		
15	QPSK	36	0	21.32	21.11	21.16		
15	QPSK	36	20	21.38	21.25	21.26	22	0
15	QPSK	36	39	21.33	21.34	21.31		
15	QPSK	75	0	21.27	21.27	21.17		
15	16QAM	1	0	21.24	21.24	21.16		
15	16QAM	1	37	21.38	21.29	21.32	22	0
15	16QAM	1	74	21.35	21.38	21.33		
15	16QAM	36	0	21.26	21.13	21.11		
15	16QAM	36	20	21.40	21.17	21.16	22	0
15	16QAM	36	39	21.36	21.37	21.23		
15	16QAM	75	0	21.31	21.21	21.13		
15	64QAM	1	0	21.02	20.80	20.89		
15	64QAM	1	37	21.13	21.00	20.99	22	0
15	64QAM	1	74	21.09	21.03	21.01		
15	64QAM	36	0	21.26	21.20	21.16		
15	64QAM	36	20	21.33	21.21	21.24	22	0
15	64QAM	36	39	21.30	21.29	21.27		
15	64QAM	75	0	21.31	21.19	21.18		
15	256QAM	1	0	19.24	19.25	19.25		
15	256QAM	1	37	19.50	19.24	19.28	20.5	1.5
15	256QAM	1	74	19.56	19.47	19.45		
15	256QAM	36	0	19.65	19.65	19.55		
15	256QAM	36	20	19.71	19.56	19.65	20.5	1.5
15	256QAM	36	39	19.62	19.61	19.57		
15	256QAM	75	0	19.75	19.61	19.61		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.15	21.17	21.10		
10	QPSK	1	25	21.34	21.17	21.24	22	0
10	QPSK	1	49	21.45	21.29	21.30		
10	QPSK	25	0	21.34	21.10	21.13		
10	QPSK	25	12	21.37	21.26	21.28	22	0
10	QPSK	25	25	21.32	21.36	21.26		
10	QPSK	50	0	21.37	21.23	21.23		
10	16QAM	1	0	21.22	21.25	21.21		
10	16QAM	1	25	21.36	21.27	21.31	22	0
10	16QAM	1	49	21.44	21.42	21.40		
10	16QAM	25	0	21.27	21.16	21.16		
10	16QAM	25	12	21.31	21.16	21.24	22	0
10	16QAM	25	25	21.35	21.27	21.21		
10	16QAM	50	0	21.32	21.12	21.22		
10	64QAM	1	0	20.98	20.81	20.94		
10	64QAM	1	25	21.14	20.98	20.93	22	0
10	64QAM	1	49	21.17	21.01	21.00		
10	64QAM	25	0	21.24	21.20	21.14		
10	64QAM	25	12	21.32	21.21	21.22	22	0
10	64QAM	25	25	21.32	21.31	21.26		
10	64QAM	50	0	21.33	21.28	21.17		
10	256QAM	1	0	19.29	19.30	19.36		
10	256QAM	1	25	19.48	19.35	19.28	20.5	1.5
10	256QAM	1	49	19.55	19.47	19.41		
10	256QAM	25	0	19.74	19.58	19.62		
10	256QAM	25	12	19.61	19.58	19.63	20.5	1.5
10	256QAM	25	25	19.70	19.64	19.58		
10	256QAM	50	0	19.75	19.63	19.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.19	21.11	21.20		
5	QPSK	1	12	21.31	21.17	21.27	22	0
5	QPSK	1	24	21.43	21.32	21.25		
5	QPSK	12	0	21.35	21.15	21.19		
5	QPSK	12	7	21.39	21.25	21.29	22	0
5	QPSK	12	13	21.31	21.31	21.31		
5	QPSK	25	0	21.36	21.27	21.18		
5	16QAM	1	0	21.20	21.22	21.14		
5	16QAM	1	12	21.32	21.23	21.32	22	0
5	16QAM	1	24	21.41	21.40	21.34		
5	16QAM	12	0	21.33	21.20	21.14		
5	16QAM	12	7	21.30	21.19	21.15	22	0
5	16QAM	12	13	21.35	21.37	21.18		
5	16QAM	25	0	21.28	21.11	21.21		
5	64QAM	1	0	20.99	20.83	20.92		
5	64QAM	1	12	21.06	21.01	20.91	22	0
5	64QAM	1	24	21.09	21.10	21.07		
5	64QAM	12	0	21.31	21.17	21.24		
5	64QAM	12	7	21.28	21.30	21.18	22	0
5	64QAM	12	13	21.34	21.27	21.26		
5	64QAM	25	0	21.30	21.27	21.24		
5	256QAM	1	0	19.29	19.26	19.29		
5	256QAM	1	12	19.43	19.30	19.25	20.5	1.5
5	256QAM	1	24	19.56	19.40	19.42		
5	256QAM	12	0	19.63	19.56	19.57		
5	256QAM	12	7	19.68	19.60	19.65	20.5	1.5
5	256QAM	12	13	19.67	19.68	19.57		
5	256QAM	25	0	19.75	19.66	19.61		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.12	20.11	20.10		
20	QPSK	1	49	20.11	20.14	20.09	20.2	0
20	QPSK	1	99	20.18	20.16	20.17		
20	QPSK	50	0	20.16	20.09	20.15		
20	QPSK	50	24	20.09	20.15	20.10	20.2	0
20	QPSK	50	50	20.09	20.09	20.10		
20	QPSK	100	0	20.15	20.12	20.10		
20	16QAM	1	0	20.17	20.15	20.15		
20	16QAM	1	49	20.17	20.09	20.10	20.2	0
20	16QAM	1	99	20.10	20.16	20.13		
20	16QAM	50	0	20.16	20.10	20.09		
20	16QAM	50	24	20.09	20.15	20.11	20.2	0
20	16QAM	50	50	20.14	20.10	20.12		
20	16QAM	100	0	20.15	20.12	20.09		
20	64QAM	1	0	20.17	20.11	20.11		
20	64QAM	1	49	20.16	20.10	20.14	20.2	0
20	64QAM	1	99	20.17	20.09	20.10		
20	64QAM	50	0	20.12	20.16	20.15		
20	64QAM	50	24	20.13	20.13	20.16	20.2	0
20	64QAM	50	50	20.12	20.16	20.15		
20	64QAM	100	0	20.09	20.11	20.16		
20	256QAM	1	0	19.71	19.72	19.78		
20	256QAM	1	49	19.69	19.62	19.66	20.2	0
20	256QAM	1	99	19.66	19.67	19.53		
20	256QAM	50	0	19.96	19.86	20.00		
20	256QAM	50	24	19.94	19.86	19.97	20.2	0
20	256QAM	50	50	19.89	19.84	19.88		
20	256QAM	100	0	19.87	19.78	19.85		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.04	20.15	20.11		
15	QPSK	1	37	20.10	20.12	20.09	20.2	0
15	QPSK	1	74	20.17	20.17	20.17		
15	QPSK	36	0	20.16	20.02	20.15		
15	QPSK	36	20	20.10	20.12	20.11	20.2	0
15	QPSK	36	39	20.02	20.17	20.13		
15	QPSK	75	0	20.15	20.10	20.14		
15	16QAM	1	0	20.10	20.17	20.14		
15	16QAM	1	37	20.16	20.02	20.12	20.2	0
15	16QAM	1	74	20.17	20.10	20.13		
15	16QAM	36	0	20.12	20.08	20.14		
15	16QAM	36	20	20.16	20.10	20.15	20.2	0
15	16QAM	36	39	20.11	20.17	20.14		
15	16QAM	75	0	20.14	20.12	20.17		
15	64QAM	1	0	20.17	20.13	20.13		
15	64QAM	1	37	20.12	20.13	20.14	20.2	0
15	64QAM	1	74	20.16	20.02	20.12		
15	64QAM	36	0	20.11	20.17	20.15		
15	64QAM	36	20	20.16	20.02	20.02	20.2	0
15	64QAM	36	39	20.15	20.11	20.17		
15	64QAM	75	0	20.17	20.16	20.02		
15	256QAM	1	0	19.71	19.62	19.71		
15	256QAM	1	37	19.62	19.57	19.58	20.2	0
15	256QAM	1	74	19.59	19.61	19.49		
15	256QAM	36	0	19.90	19.79	19.93		
15	256QAM	36	20	19.91	19.80	19.94	20.2	0
15	256QAM	36	39	19.83	19.76	19.80		
15	256QAM	75	0	19.83	19.73	19.82		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.14	20.10	20.12		
10	QPSK	1	25	20.15	20.13	20.12	20.2	0
10	QPSK	1	49	20.12	20.16	20.14		
10	QPSK	25	0	20.07	20.17	20.01		
10	QPSK	25	12	20.06	20.11	20.07	20.2	0
10	QPSK	25	25	20.07	20.16	20.07		
10	QPSK	50	0	20.10	20.06	20.01		
10	16QAM	1	0	20.11	20.15	20.12		
10	16QAM	1	25	20.10	20.06	20.15	20.2	0
10	16QAM	1	49	20.07	20.12	20.12		
10	16QAM	25	0	20.15	20.16	20.07		
10	16QAM	25	12	20.07	20.12	20.16	20.2	0
10	16QAM	25	25	20.06	20.14	20.11		
10	16QAM	50	0	20.15	20.01	20.07		
10	64QAM	1	0	20.06	20.16	20.13		
10	64QAM	1	25	20.11	20.17	20.10	20.2	0
10	64QAM	1	49	20.12	20.12	20.06		
10	64QAM	25	0	20.13	20.12	20.17		
10	64QAM	25	12	20.10	20.14	20.15	20.2	0
10	64QAM	25	25	20.12	20.17	20.15		
10	64QAM	50	0	20.07	20.07	20.07		
10	256QAM	1	0	19.68	19.62	19.68		
10	256QAM	1	25	19.69	19.56	19.63	20.2	0
10	256QAM	1	49	19.57	19.57	19.43		
10	256QAM	25	0	19.85	19.75	19.91		
10	256QAM	25	12	19.84	19.83	19.94	20.2	0
10	256QAM	25	25	19.82	19.75	19.85		
10	256QAM	50	0	19.81	19.67	19.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.14	20.05	20.01		
5	QPSK	1	12	20.15	20.07	20.13	20.2	0
5	QPSK	1	24	20.14	20.12	20.07		
5	QPSK	12	0	20.11	20.17	20.08		
5	QPSK	12	7	20.12	20.07	20.15	20.2	0
5	QPSK	12	13	20.16	20.17	20.14		
5	QPSK	25	0	20.01	20.03	20.10		
5	16QAM	1	0	20.15	20.14	20.16		
5	16QAM	1	12	20.16	20.16	20.07	20.2	0
5	16QAM	1	24	20.14	20.16	20.10		
5	16QAM	12	0	20.16	20.13	20.10		
5	16QAM	12	7	20.07	20.12	20.10	20.2	0
5	16QAM	12	13	20.13	20.15	20.11		
5	16QAM	25	0	20.14	20.12	20.17		
5	64QAM	1	0	20.07	20.16	20.13		
5	64QAM	1	12	20.11	20.01	20.16	20.2	0
5	64QAM	1	24	20.10	20.07	20.03		
5	64QAM	12	0	20.15	20.15	20.12		
5	64QAM	12	7	20.17	20.07	20.17	20.2	0
5	64QAM	12	13	20.10	20.16	20.14		
5	64QAM	25	0	20.12	20.10	20.13		
5	256QAM	1	0	19.65	19.63	19.78		
5	256QAM	1	12	19.63	19.61	19.59	20.2	0
5	256QAM	1	24	19.66	19.67	19.49		
5	256QAM	12	0	19.95	19.85	19.91		
5	256QAM	12	7	19.83	19.85	19.97	20.2	0
5	256QAM	12	13	19.85	19.74	19.77		
5	256QAM	25	0	19.84	19.73	19.82		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.92	16.82	16.82	18	0
20	QPSK	1	49	16.91	16.87	16.84		
20	QPSK	1	99	17.21	16.89	16.90		
20	QPSK	50	0	17.11	16.93	17.00		
20	QPSK	50	24	16.92	17.05	16.98	18	0
20	QPSK	50	50	17.03	17.04	16.96		
20	QPSK	100	0	17.02	16.95	16.97		
20	16QAM	1	0	17.08	17.05	17.07		
20	16QAM	1	49	17.14	17.13	17.10	18	0
20	16QAM	1	99	17.18	17.16	17.15		
20	16QAM	50	0	16.94	17.03	17.00		
20	16QAM	50	24	17.07	16.98	17.08	18	0
20	16QAM	50	50	17.08	17.03	17.07		
20	16QAM	100	0	17.00	16.95	16.99		
20	64QAM	1	0	16.98	17.01	16.94		
20	64QAM	1	49	17.05	17.03	17.01	18	0
20	64QAM	1	99	17.13	17.01	17.09		
20	64QAM	50	0	17.01	16.93	17.04		
20	64QAM	50	24	17.07	17.04	17.03	18	0
20	64QAM	50	50	17.03	17.04	16.97		
20	64QAM	100	0	16.99	16.97	16.96		
20	256QAM	1	0	16.80	16.95	16.87		
20	256QAM	1	49	16.94	16.86	16.89	18	0
20	256QAM	1	99	17.05	16.89	17.03		
20	256QAM	50	0	16.86	16.81	16.98		
20	256QAM	50	24	16.89	16.87	16.91	18	0
20	256QAM	50	50	16.86	16.86	16.89		
20	256QAM	100	0	16.87	16.79	16.88		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	16.87	16.78	16.79	18	0
15	QPSK	1	37	16.84	16.78	16.78		
15	QPSK	1	74	17.11	16.89	16.83		
15	QPSK	36	0	17.09	16.86	16.99	18	0
15	QPSK	36	20	16.87	17.02	16.94		
15	QPSK	36	39	16.97	16.94	17.02		
15	QPSK	75	0	16.98	16.92	16.87		
15	16QAM	1	0	17.01	17.03	17.07		
15	16QAM	1	37	17.04	17.09	17.10	18	0
15	16QAM	1	74	17.14	17.05	17.08		
15	16QAM	36	0	16.89	16.95	16.91		
15	16QAM	36	20	17.06	16.94	17.02	18	0
15	16QAM	36	39	16.99	16.98	16.97		
15	16QAM	75	0	16.94	16.93	16.89		
15	64QAM	1	0	16.94	16.94	16.93		
15	64QAM	1	37	17.03	16.95	16.92	18	0
15	64QAM	1	74	17.05	16.97	17.01		
15	64QAM	36	0	17.01	16.93	16.97		
15	64QAM	36	20	17.01	16.94	16.99	18	0
15	64QAM	36	39	16.96	16.97	16.94		
15	64QAM	75	0	16.89	16.93	16.91		
15	256QAM	1	0	16.70	16.91	16.84		
15	256QAM	1	37	16.91	16.82	16.86	18	0
15	256QAM	1	74	17.01	16.86	16.98		
15	256QAM	36	0	16.82	16.79	16.98		
15	256QAM	36	20	16.85	16.87	16.85	18	0
15	256QAM	36	39	16.83	16.83	16.79		
15	256QAM	75	0	16.84	16.71	16.86		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	16.86	16.77	16.79	18	0
10	QPSK	1	25	16.87	16.76	16.80		
10	QPSK	1	49	17.10	16.85	16.87		
10	QPSK	25	0	17.02	16.90	16.91		
10	QPSK	25	12	16.86	17.02	16.94	18	0
10	QPSK	25	25	17.02	16.97	16.99		
10	QPSK	50	0	16.99	16.90	16.89		
10	16QAM	1	0	17.02	16.98	16.96		
10	16QAM	1	25	17.06	17.02	17.07	18	0
10	16QAM	1	49	17.17	17.12	17.08		
10	16QAM	25	0	16.91	17.03	16.98		
10	16QAM	25	12	17.00	16.91	17.07	18	0
10	16QAM	25	25	17.02	16.98	17.00		
10	16QAM	50	0	16.99	16.94	16.99		
10	64QAM	1	0	16.94	16.96	16.84		
10	64QAM	1	25	16.95	17.01	16.93	18	0
10	64QAM	1	49	17.03	17.00	17.07		
10	64QAM	25	0	17.01	16.82	17.03		
10	64QAM	25	12	17.07	16.95	17.00	18	0
10	64QAM	25	25	17.02	16.95	16.93		
10	64QAM	50	0	16.91	16.92	16.85		
10	256QAM	1	0	16.71	16.87	16.85		
10	256QAM	1	25	16.87	16.78	16.79	18	0
10	256QAM	1	49	16.94	16.85	16.94		
10	256QAM	25	0	16.84	16.76	16.87		
10	256QAM	25	12	16.82	16.84	16.82	18	0
10	256QAM	25	25	16.75	16.78	16.86		
10	256QAM	50	0	16.82	16.75	16.81		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	16.84	16.75	16.75	18	0
5	QPSK	1	12	16.86	16.86	16.82		
5	QPSK	1	24	17.13	16.82	16.82		
5	QPSK	12	0	17.11	16.89	16.96		
5	QPSK	12	7	16.88	16.97	16.96	18	0
5	QPSK	12	13	17.02	17.01	16.91		
5	QPSK	25	0	16.98	16.86	16.89		
5	16QAM	1	0	17.01	17.00	17.01		
5	16QAM	1	12	17.10	17.08	17.05	18	0
5	16QAM	1	24	17.15	17.15	17.13		
5	16QAM	12	0	16.84	17.01	16.97		
5	16QAM	12	7	17.06	16.98	17.02	18	0
5	16QAM	12	13	17.05	16.92	17.00		
5	16QAM	25	0	17.00	16.85	16.90		
5	64QAM	1	0	16.87	16.99	16.90		
5	64QAM	1	12	16.98	16.98	16.98	18	0
5	64QAM	1	24	17.13	16.96	17.04		
5	64QAM	12	0	17.00	16.87	16.93		
5	64QAM	12	7	16.96	16.97	16.94	18	0
5	64QAM	12	13	16.92	16.99	16.94		
5	64QAM	25	0	16.91	16.94	16.93		
5	256QAM	1	0	16.71	16.93	16.79		
5	256QAM	1	12	16.91	16.81	16.89	18	0
5	256QAM	1	24	17.02	16.79	16.96		
5	256QAM	12	0	16.76	16.71	16.95		
5	256QAM	12	7	16.82	16.85	16.86	18	0
5	256QAM	12	13	16.86	16.77	16.79		
5	256QAM	25	0	16.86	16.75	16.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2540.5	2593	2636.5	2680		
20	QPSK	1	0	21.73	21.95	21.70	21.60	21.36	22.5	0
20	QPSK	1	49	21.74	21.81	21.72	21.65	21.29		
20	QPSK	1	99	21.79	21.98	21.73	21.76	21.41		
20	QPSK	50	0	21.73	21.96	21.77	21.74	21.39		
20	QPSK	50	24	21.70	21.85	21.76	21.66	21.33	22.5	0
20	QPSK	50	50	21.71	21.88	21.72	21.68	21.37		
20	QPSK	100	0	21.71	21.92	21.76	21.61	21.38		
20	16QAM	1	0	21.86	21.88	21.78	21.75	21.35	22.5	0
20	16QAM	1	49	21.89	21.90	21.81	21.72	21.36		
20	16QAM	1	99	21.88	21.86	21.82	21.63	21.29		
20	16QAM	50	0	20.25	20.36	20.31	20.14	19.88		
20	16QAM	50	24	20.31	20.37	20.27	20.14	19.85	22.5	0
20	16QAM	50	50	20.34	20.40	20.32	20.16	19.85		
20	16QAM	100	0	20.24	20.41	20.29	20.13	19.75		
20	64QAM	1	0	19.99	20.19	19.99	19.88	19.52	22.5	0
20	64QAM	1	49	20.03	20.15	20.00	19.87	19.52		
20	64QAM	1	99	20.04	20.06	19.98	19.85	19.47		
20	64QAM	50	0	19.73	19.85	19.75	19.60	19.35		
20	64QAM	50	24	19.81	19.87	19.78	19.62	19.33	21	1.5
20	64QAM	50	50	19.85	19.87	19.67	19.65	19.31		
20	64QAM	100	0	19.76	19.92	19.76	19.68	19.31		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65		
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90	19	3.5
20	256QAM	1	99	17.84	17.70	17.60	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71		
20	256QAM	50	24	17.85	17.75	17.93	17.83	17.86	19	3.5
20	256QAM	50	50	17.71	17.84	17.67	17.65	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.65	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	21.67	21.86	21.61	21.52	21.32	22.50	0
15	QPSK	1	37	21.71	21.72	21.68	21.59	21.21		
15	QPSK	1	74	21.69	21.97	21.70	21.47	21.18		
15	QPSK	36	0	21.68	21.96	21.71	21.57	21.33	22.5	0
15	QPSK	36	20	21.77	21.85	21.68	21.65	21.26		
15	QPSK	36	39	21.79	21.86	21.74	21.67	21.26		
15	QPSK	75	0	21.69	21.88	21.67	21.56	21.35		
15	16QAM	1	0	21.80	21.80	21.67	21.74	21.25	22.5	0
15	16QAM	1	37	21.83	21.79	21.70	21.72	21.32		
15	16QAM	1	74	21.83	21.86	21.78	21.60	21.27		
15	16QAM	36	0	20.18	20.25	20.27	20.13	19.86	22.5	0
15	16QAM	36	20	20.31	20.36	20.21	20.05	19.84		
15	16QAM	36	39	20.24	20.33	20.32	20.15	19.79		
15	16QAM	75	0	20.15	20.37	20.21	20.04	19.67		
15	64QAM	1	0	19.88	20.15	19.99	19.81	19.45	22.5	0
15	64QAM	1	37	19.97	20.06	19.97	19.86	19.42		
15	64QAM	1	74	19.93	20.01	19.96	19.75	19.38		
15	64QAM	36	0	19.64	19.80	19.72	19.54	19.32	21	1.5
15	64QAM	36	20	19.70	19.84	19.78	19.58	19.24		
15	64QAM	36	39	19.80	19.77	19.60	19.56	19.20		
15	64QAM	75	0	19.69	19.91	19.69	19.59	19.27		
15	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
15	256QAM	1	37	17.80	17.58	17.90	17.95	17.90		
15	256QAM	1	74	17.84	17.70	17.60	17.59	17.62		
15	256QAM	36	0	17.63	17.83	17.58	17.90	17.71	19	3.5
15	256QAM	36	20	17.85	17.75	17.93	17.83	17.86		
15	256QAM	36	39	17.71	17.84	17.67	17.65	17.68		
15	256QAM	75	0	17.92	17.71	17.62	17.65	17.74		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	21.63	21.93	21.60	21.60	21.35	22.50	0
10	QPSK	1	25	21.71	21.79	21.63	21.61	21.19		
10	QPSK	1	49	21.73	21.95	21.62	21.47	21.26		
10	QPSK	25	0	21.71	21.90	21.72	21.55	21.32	22.5	0
10	QPSK	25	12	21.75	21.77	21.73	21.58	21.28		
10	QPSK	25	25	21.73	21.83	21.69	21.68	21.32		
10	QPSK	50	0	21.66	21.84	21.65	21.58	21.30		
10	16QAM	1	0	21.75	21.84	21.77	21.69	21.29	22.5	0
10	16QAM	1	25	21.81	21.86	21.72	21.71	21.35		
10	16QAM	1	49	21.86	21.75	21.79	21.62	21.19		
10	16QAM	25	0	20.14	20.25	20.24	20.06	19.84	22.5	0
10	16QAM	25	12	20.27	20.30	20.23	20.14	19.74		
10	16QAM	25	25	20.32	20.34	20.28	20.07	19.75		
10	16QAM	50	0	20.22	20.31	20.20	20.07	19.66		
10	64QAM	1	0	19.94	20.15	19.90	19.84	19.49	22.5	0
10	64QAM	1	25	20.00	20.15	19.95	19.76	19.41		
10	64QAM	1	49	19.94	20.05	19.90	19.77	19.40		
10	64QAM	25	0	19.63	19.83	19.64	19.52	19.32	21	1.5
10	64QAM	25	12	19.79	19.85	19.76	19.57	19.29		
10	64QAM	25	25	19.79	19.81	19.67	19.62	19.23		
10	64QAM	50	0	19.71	19.92	19.73	19.62	19.26		
10	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
10	256QAM	1	25	17.80	17.58	17.90	17.95	17.90		
10	256QAM	1	49	17.84	17.70	17.60	17.59	17.62		
10	256QAM	25	0	17.63	17.83	17.58	17.90	17.71	19	3.5
10	256QAM	25	12	17.85	17.75	17.93	17.63	17.86		
10	256QAM	25	25	17.71	17.84	17.67	17.65	17.68		
10	256QAM	50	0	17.92	17.71	17.62	17.65	17.74		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	21.64	21.94	21.64	21.49	21.28	22.50	0
5	QPSK	1	12	21.63	21.78	21.72	21.63	21.27		
5	QPSK	1	24	21.76	21.89	21.64	21.49	21.25		
5	QPSK	12	0	21.71	21.96	21.75	21.54	21.37	22.5	0
5	QPSK	12	7	21.78	21.76	21.74	21.60	21.25		
5	QPSK	12	13	21.80	21.84	21.78	21.61	21.31		
5	QPSK	25	0	21.66	21.84	21.76	21.53	21.35		
5	16QAM	1	0	21.80	21.83	21.71	21.69	21.24	22.5	0
5	16QAM	1	12	21.87	21.80	21.73	21.61	21.30		
5	16QAM	1	24	21.79	21.85	21.77	21.61	21.25		
5	16QAM	12	0	20.17	20.26	20.20	20.11	19.77	22.5	0
5	16QAM	12	7	20.22	20.30	20.22	20.07	19.81		
5	16QAM	12	13	20.27	20.34	20.24	20.12	19.84		
5	16QAM	25	0	20.23	20.41	20.27	20.08	19.73		
5	64QAM	1	0	19.94	20.15	19.90	19.84	19.47	22.5	0
5	64QAM	1	12	20.01	20.06	19.90	19.79	19.42		
5	64QAM	1	24	19.97	19.95	19.95	19.77	19.39		
5	64QAM	12	0	19.70	19.84	19.67	19.58	19.30	21	1.5
5	64QAM	12	7	19.73	19.83	19.76	19.53	19.33		
5	64QAM	12	13	19.75	19.83	19.57	19.65	19.24		
5	64QAM	25	0	19.66	19.88	19.66	19.67	19.27		
5	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
5	256QAM	1	12	17.80	17.58	17.90	17.95	17.90		
5	256QAM	1	24	17.84	17.70	17.60	17.59	17.62		
5	256QAM	12	0	17.63	17.83	17.58	17.90	17.71	19	3.5
5	256QAM	12	7	17.85	17.75	17.93	17.63	17.86		
5	256QAM	12	13	17.71	17.84	17.67	17.65	17.68		
5	256QAM	25	0	17.92	17.71	17.62	17.65	17.74		

Band 41_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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2540.5	2593	2636.5	2680		
20	QPSK	1	0	21.02	21.21	20.96	21.08	20.86	21.5	0
20	QPSK	1	49	21.01	21.29	21.03	21.22	20.98		
20	QPSK	1	99	21.13	21.46	21.21	21.25	21.18		
20	QPSK	50	0	21.08	21.36	21.19	21.21	21.15		
20	QPSK	50	24	21.00	21.35	21.09	21.16	20.97	21.5	0
20	QPSK	50	50	21.05	21.29	21.18	21.12	20.97		
20	QPSK	100	0	20.98	21.32	21.11	21.20	20.94		
20	16QAM	1	0	21.13	21.33	21.05	21.26	21.01	21.5	0
20	16QAM	1	49	21.08	21.43	21.19	21.27	21.09		
20	16QAM	1	99	21.06	21.43	21.21	21.34	21.04		
20	16QAM	50	0	20.97	21.35	21.05	21.22	20.94		
20	16QAM	50	24	21.03	21.36	21.10	21.23	21.01	21.5	0
20	16QAM	50	50	21.04	21.36	21.13	21.24	20.98		
20	16QAM	100	0	21.09	21.36	21.06	21.20	20.96		
20	64QAM	1	0	20.82	21.01	20.79	20.91	20.66	21.5	0
20	64QAM	1	49	20.78	21.06	20.83	20.96	20.72		
20	64QAM	1	99	20.70	21.12	20.88	20.99	20.75		
20	64QAM	50	0	20.96	21.33	21.03	21.23	20.93		
20	64QAM	50	24	20.98	21.36	21.05	21.20	20.94	21.5	0
20	64QAM	50	50	21.03	21.36	21.12	21.23	20.94		
20	64QAM	100	0	21.00	21.33	21.08	21.20	20.89		
20	256QAM	1	0	19.71	19.92	19.72	19.79	19.55		
20	256QAM	1	49	19.62	19.91	19.75	19.81	19.53	20.5	1
20	256QAM	1	99	19.64	19.94	19.69	19.86	19.65		
20	256QAM	50	0	19.90	20.20	19.86	20.14	19.83		
20	256QAM	50	24	19.93	20.20	19.94	20.02	19.85	20.5	1
20	256QAM	50	50	19.93	20.20	19.97	20.12	19.88		
20	256QAM	100	0	19.84	20.13	19.92	20.09	19.72		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	21.01	21.17	20.85	20.99	20.85	21.50	0
15	QPSK	1	37	20.91	21.28	21.02	21.16	20.92		
15	QPSK	1	74	20.89	21.33	21.05	21.21	20.95		
15	QPSK	36	0	20.94	21.28	21.03	21.11	20.86	21.5	0
15	QPSK	36	20	20.90	21.34	21.00	21.16	20.92		
15	QPSK	36	39	20.99	21.18	21.10	21.15	20.97		
15	QPSK	75	0	20.92	21.24	21.02	21.18	20.91		
15	16QAM	1	0	21.10	21.30	20.99	21.23	20.94	21.5	0
15	16QAM	1	37	21.04	21.41	21.09	21.19	21.09		
15	16QAM	1	74	20.97	21.42	21.19	21.27	20.99		
15	16QAM	36	0	20.90	21.30	20.95	21.20	20.87	21.5	0
15	16QAM	36	20	20.96	21.32	21.00	21.18	20.94		
15	16QAM	36	39	20.97	21.32	21.05	21.22	20.93		
15	16QAM	75	0	21.01	21.29	20.96	21.18	20.88		
15	64QAM	1	0	20.78	21.00	20.69	20.87	20.60	21.5	0
15	64QAM	1	37	20.77	20.97	20.76	20.93	20.64		
15	64QAM	1	74	20.69	21.12	20.88	20.99	20.72		
15	64QAM	36	0	20.88	21.26	20.96	21.22	20.88	21.5	0
15	64QAM	36	20	20.88	21.29	20.96	21.12	20.83		
15	64QAM	36	39	20.92	21.29	21.06	21.21	20.89		
15	64QAM	75	0	20.96	21.32	21.03	21.15	20.87		
15	256QAM	1	0	19.68	19.82	19.61	19.78	19.52	20.5	1
15	256QAM	1	37	19.58	19.82	19.64	19.73	19.46		
15	256QAM	1	74	19.54	19.87	19.64	19.80	19.64		
15	256QAM	36	0	19.82	20.20	19.80	20.14	19.74	20.5	1
15	256QAM	36	20	19.87	20.11	19.83	19.97	19.83		
15	256QAM	36	39	19.93	20.15	19.94	20.02	19.82		
15	256QAM	75	0	19.78	20.04	19.91	20.06	19.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	21.01	21.13	20.93	21.06	20.82	21.50	0
10	QPSK	1	25	20.91	21.27	20.97	21.13	20.95		
10	QPSK	1	49	20.87	21.31	21.06	21.18	20.96		
10	QPSK	25	0	20.92	21.26	21.00	21.11	20.84	21.5	0
10	QPSK	25	12	20.94	21.33	21.05	21.18	20.89		
10	QPSK	25	25	20.98	21.21	21.04	21.11	20.88		
10	QPSK	50	0	20.89	21.25	21.03	21.10	20.85		
10	16QAM	1	0	21.02	21.26	20.99	21.24	20.93	21.5	0
10	16QAM	1	25	21.04	21.41	21.12	21.19	21.05		
10	16QAM	1	49	20.98	21.33	21.21	21.32	20.93		
10	16QAM	25	0	20.92	21.35	21.01	21.18	20.88	21.5	0
10	16QAM	25	12	20.93	21.27	21.02	21.22	20.94		
10	16QAM	25	25	20.97	21.34	21.06	21.20	20.93		
10	16QAM	50	0	21.01	21.30	21.06	21.10	20.90		
10	64QAM	1	0	20.73	20.93	20.74	20.83	20.62	21.5	0
10	64QAM	1	25	20.69	21.00	20.74	20.87	20.70	

Band 41_Ant 3

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)	MPR (dB)
Channel			39750	40185	40620	41055	41490		
Frequency (MHz)			2506	2540.5	2593	2636.5	2680		
QPSK	1	0	19.63	19.79	20.01	19.93	19.99	20.2	0
QPSK	1	49	19.64	19.90	20.07	19.85	19.98		
QPSK	1	99	19.71	20.19	20.14	20.01	20.07		
QPSK	50	0	19.68	20.18	20.17	19.97	20.04	20.2	0
QPSK	50	24	19.63	19.80	20.10	19.93	19.96		
QPSK	50	50	19.52	19.80	19.96	19.90	19.93		
QPSK	100	0	19.56	20.02	20.00	19.91	20.01		
16QAM	1	0	19.66	19.81	19.88	19.91	20.06	20.2	0
16QAM	1	49	19.52	19.93	19.80	19.97	20.00		
16QAM	1	99	19.69	20.07	19.77	19.97	19.93		
16QAM	50	0	19.59	19.93	19.86	19.90	20.04	20.2	0
16QAM	50	24	19.63	20.02	19.85	19.94	20.03		
16QAM	50	50	19.65	19.90	19.88	19.97	19.98		
16QAM	100	0	19.60	19.94	19.92	19.93	19.97		
64QAM	1	0	19.66	19.55	19.52	19.70	19.66	20.2	0
64QAM	1	49	19.64	19.63	19.70	19.59	19.69		
64QAM	1	99	19.62	19.69	19.61	19.66	19.72		
64QAM	50	0	19.55	19.97	19.76	19.90	20.03	20.2	0
64QAM	50	24	19.62	19.92	19.86	19.85	20.02		
64QAM	50	50	19.64	19.99	19.95	19.99	19.94		
64QAM	100	0	19.62	19.83	19.87	19.89	20.02		
256QAM	1	0	19.78	19.63	19.69	19.77	19.59	20.2	0
256QAM	1	49	19.88	19.63	19.59	19.69	19.64		
256QAM	1	99	19.66	19.68	19.74	19.79	19.82		
256QAM	50	0	19.70	19.68	19.93	19.53	19.89	20.2	0
256QAM	50	24	19.77	19.70	19.81	19.67	19.79		
256QAM	50	50	19.62	19.64	19.65	19.77	19.72		
256QAM	100	0	19.57	19.69	19.65	19.83	19.77		
Channel			39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)			2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
QPSK	1	0	19.59	19.71	19.99	19.85	19.90	20.20	0
QPSK	1	37	19.59	19.82	20.06	19.84	19.88		
QPSK	1	74	19.57	20.12	20.08	20.00	20.00		
QPSK	36	0	19.57	20.10	20.17	19.87	20.01	20.2	0
QPSK	36	20	19.56	19.70	20.01	19.90	19.92		
QPSK	36	39	19.52	19.74	19.91	19.89	19.85		
QPSK	75	0	19.45	19.99	19.98	19.82	19.90		
16QAM	1	0	19.61	19.76	19.86	19.83	19.96	20.2	0
16QAM	1	37	19.51	19.88	19.74	19.96	19.99		
16QAM	1	74	19.68	19.97	19.76	19.93	19.85		
16QAM	36	0	19.59	19.87	19.79	19.85	19.94	20.2	0
16QAM	36	20	19.57	19.97	19.81	19.94	19.99		
16QAM	36	39	19.60	19.83	19.82	19.91	19.88		
16QAM	75	0	19.54	19.87	19.81	19.93	19.88		
64QAM	1	0	19.64	19.54	19.50	19.69	19.57	20.2	0
64QAM	1	37	19.63	19.61	19.67	19.53	19.62		
64QAM	1	74	19.52	19.62	19.50	19.61	19.69		
64QAM	36	0	19.47	19.91	19.75	19.79	19.97	20.2	0
64QAM	36	20	19.53	19.82	19.84	19.74	19.91		
64QAM	36	39	19.64	19.97	19.94	19.97	19.94		
64QAM	75	0	19.60	19.72	19.80	19.80	19.95		
256QAM	1	0	19.67	19.62	19.64	19.76	19.52	20.2	0
256QAM	1	37	19.84	19.61	19.56	19.59	19.54		
256QAM	1	74	19.55	19.62	19.72	19.78	19.81		
256QAM	36	0	19.62	19.59	19.86	19.49	19.83	20.2	0
256QAM	36	20	19.77	19.59	19.75	19.58	19.71		
256QAM	36	39	19.58	19.54	19.60	19.71	19.69		
256QAM	75	0	19.57	19.59	19.55	19.72	19.70		
Channel			39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)			2501	2547	2593	2639	2685	(dBm)	(dB)
QPSK	1	0	19.59	19.75	20.00	19.87	19.89	20.20	0
QPSK	1	25	19.64	19.87	20.00	19.74	19.87		
QPSK	1	49	19.56	20.11	20.12	19.94	20.05		
QPSK	25	0	19.52	20.15	20.06	19.94	19.96	20.2	0
QPSK	25	12	19.61	19.80	20.06	19.82	19.87		
QPSK	25	25	19.41	19.70	19.87	19.83	19.91		
QPSK	50	0	19.54	20.01	19.98	19.88	20.01		
16QAM	1	0	19.64	19.81	19.77	19.87	20.06	20.2	0
16QAM	1	25	19.50	19.87	19.78	19.96	19.98		
16QAM	1	49	19.63	19.98	19.67	19.90	19.91		
16QAM	25	0	19.49	19.87	19.78	19.84	20.00	20.2	0
16QAM	25	12	19.57	20.00	19.75	19.86	19.99		
16QAM	25	25	19.65	19.90	19.87	19.95	19.97		
16QAM	50	0	19.55	19.89	19.92	19.92	19.88		
64QAM	1	0	19.59	19.45	19.51	19.65	19.60	20.2	0
64QAM	1	25	19.53	19.55	19.67	19.58	19.62		
64QAM	1	49	19.53	19.58	19.50	19.60	19.71		
64QAM	25	0	19.44	19.94	19.75	19.89	19.96	20.2	0
64QAM	25	12	19.52	19.83	19.83	19.78	20.00		
64QAM	25	25	19.58	19.95	19.92	19.98	19.90		
64QAM	50	0	19.52	19.79	19.84	19.80	19.93		
256QAM	1	0	19.72	19.62	19.62	19.68	19.52	20.2	0
256QAM	1	25	19.83	19.61	19.50	19.58	19.56		
256QAM	1	49	19.61	19.60	19.67	19.78	19.82		
256QAM	25	0	19.64	19.64	19.85	19.49	19.84	20.2	0
256QAM	25	12	19.71	19.66	19.79	19.62	19.78		
256QAM	25	25	19.54	19.54	19.58	19.70	19.64		
256QAM	50	0	19.49	19.59	19.55	19.77	19.73		
Channel			39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)			2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
QPSK	1	0	19.62	19.76	19.98	19.87	19.89	20.20	0
QPSK	1	12	19.53	19.86	19.98	19.74	19.90		
QPSK	1	24	19.54	20.14	20.04	20.00	20.05		
QPSK	12	0	19.62	20.11	20.06	19.95	20.03	20.2	0
QPSK	12	7	19.57	19.73	20.00	19.85	19.92		
QPSK	12	13	19.51	19.72	19.96	19.89	19.88		
QPSK	25	0	19.49	19.94	19.97	19.85	19.96		
16QAM	1	0	19.65	19.77	19.79	19.88	20.05	20.2	0
16QAM	1	12	19.48	19.91	19.78	19.91	19.93		
16QAM	1	24	19.61	20.00	19.66	19.94	19.91		
16QAM	12	0	19.51	19.86	19.76	19.81	20.02	20.2	0
16QAM	12	7	19.53	19.93	19.83	19.87	19.97		
16QAM	12	13	19.62	19.82	19.83	19.91	19.89		
16QAM	25	0	19.57	19.88	19.90	19.84	19.94		
64QAM	1	0	19.58	19.44	19.51	19.65	19.57	20.2	0
64QAM	1	12	19.56	19.57	19.60	19.51	19.65		
64QAM	1	24	19.56	19.62	19.55	19.58	19.70		
64QAM	12	0	19.47	19.96	19.70	19.90	19.96	20.2	0
64QAM	12	7	19.54	19.91	19.80	19.85	19.99		
64QAM	12	13	19.54	19.89	19.93	19.97	19.89		
64QAM	25	0	19.53	19.72	19.78	19.80	19.96		
256QAM	1	0	19.71	19.61	19.60	19.73	19.52	20.2	0
256QAM	1	12	19.79	19.54	19.52	19.58	19.53		
256QAM	1	24	19.57	19.57	19.71	19.71	19.76		
256QAM	12	0	19.60	19.68	19.91	19.51	19.81	20.2	0
256QAM	12	7	19.74	19.66	19.81	19.57	19.75		
256QAM	12	13	19.58	19.64	19.55	19.66	19.69		
256QAM	25	0	19.54	19.65	19.54	19.75	19.77		

Band 41_Ant 5

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)	MPR (dB)
	Channel			39750	40185	40620	41055	41490		
	Frequency (MHz)			2506	2540.5	2593	2636.5	2680		
20	QPSK	1	0	17.54	17.57	17.85	17.79	17.58	18.5	0
20	QPSK	1	49	17.66	17.79	17.88	17.76	17.59		
20	QPSK	1	99	17.86	18.24	17.92	17.80	17.75		
20	QPSK	50	0	17.85	18.08	17.91	17.78	17.74		
20	QPSK	50	24	17.62	17.83	17.89	17.75	17.72		
20	QPSK	50	50	17.79	17.96	17.85	17.76	17.71		
20	QPSK	100	0	17.65	18.01	17.96	17.91	17.74		
20	16QAM	1	0	17.81	17.63	18.10	18.05	17.88	18.5	0
20	16QAM	1	49	17.92	18.10	18.22	18.08	17.85		
20	16QAM	1	99	17.99	18.20	18.11	18.05	17.86		
20	16QAM	50	0	17.67	17.78	17.96	17.94	17.68		
20	16QAM	50	24	17.76	17.86	18.02	17.95	17.78		
20	16QAM	50	50	17.84	17.89	18.03	17.98	17.74		
20	16QAM	100	0	17.74	17.82	18.01	17.95	17.65		
20	64QAM	1	0	17.69	17.71	17.99	17.89	17.59	18.5	0
20	64QAM	1	49	17.74	17.93	18.01	17.90	17.68		
20	64QAM	1	99	17.85	18.01	17.99	17.95	17.68		
20	64QAM	50	0	17.61	17.72	18.00	17.96	17.75		
20	64QAM	50	24	17.73	17.76	17.95	17.94	17.71		
20	64QAM	50	50	17.82	17.94	17.97	17.94	17.78		
20	64QAM	100	0	17.71	17.77	17.94	17.89	17.73		
20	256QAM	1	0	17.53	17.65	17.92	17.76	17.46	18.5	0
20	256QAM	1	49	17.55	17.85	17.83	17.85	17.59		
20	256QAM	1	99	17.80	17.95	17.91	17.83	17.63		
20	256QAM	50	0	17.56	17.55	17.90	17.78	17.55	18.5	0
20	256QAM	50	24	17.66	17.57	17.80	17.74	17.63		
20	256QAM	50	50	17.65	17.87	17.86	17.88	17.64		
20	256QAM	100	0	17.58	17.63	17.89	17.75	17.54		
	Channel			39725	40173	40620	41068	41515	Tune-up limit	MPR
	Frequency (MHz)			2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	17.52	17.55	17.80	17.78	17.53	18.50	0
15	QPSK	1	37	17.60	17.69	17.81	17.73	17.51		
15	QPSK	1	74	17.70	18.23	17.81	17.74	17.55		
15	QPSK	36	0	17.53	18.03	17.95	17.91	17.74	18.5	0
15	QPSK	36	20	17.60	17.78	17.92	17.79	17.71		
15	QPSK	36	39	17.76	17.87	17.99	17.89	17.74		
15	QPSK	75	0	17.54	17.94	17.87	17.88	17.71		
15	16QAM	1	0	17.72	17.54	18.08	18.02	17.86	18.5	0
15	16QAM	1	37	17.88	18.10	18.11	18.03	17.85		
15	16QAM	1	74	17.97	18.13	18.02	17.96	17.76		
15	16QAM	36	0	17.60	17.76	17.90	17.87	17.58	18.5	0
15	16QAM	36	20	17.67	17.83	17.93	17.88	17.71		
15	16QAM	36	39	17.83	17.80	17.95	17.97	17.64		
15	16QAM	75	0	17.68	17.80	17.98	17.95	17.59		
15	64QAM	1	0	17.63	17.71	17.94	17.83	17.53	18.5	0
15	64QAM	1	37	17.74	17.85	17.92	17.80	17.58		
15	64QAM	1	74	17.77	17.99	17.93	17.89	17.57		
15	64QAM	36	0	17.52	17.71	17.96	17.88	17.70	18.5	0
15	64QAM	36	20	17.68	17.86	17.85	17.86	17.69		
15	64QAM	36	39	17.80	17.85	17.87	17.91	17.74		
15	64QAM	75	0	17.60	17.67	17.94	17.86	17.67	18.5	0
15	256QAM	1	0	17.50	17.56	17.91	17.76	17.44		
15	256QAM	1	37	17.53	17.80	17.83	17.79	17.50		
15	256QAM	1	74	17.69	17.92	17.87	17.77	17.53		
15	256QAM	36	0	17.52	17.49	17.85	17.76	17.51	18.5	0
15	256QAM	36	20	17.55	17.48	17.80	17.65	17.55		
15	256QAM	36	39	17.60	17.76	17.75	17.80	17.63		
15	256QAM	75	0	17.54	17.60	17.80	17.71	17.54		
	Channel			39700	40160	40620	41080	41540	Tune-up limit	MPR
	Frequency (MHz)			2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	17.55	17.61	17.90	17.81	17.55	18.50	0
10	QPSK	1	25	17.57	17.69	17.87	17.77	17.60		
10	QPSK	1	49	17.52	17.77	17.92	17.80	17.54		
10	QPSK	25	0	17.63	17.74	17.89	17.86	17.66	18.5	0
10	QPSK	25	12	17.65	17.75	17.94	17.85	17.71		
10	QPSK	25	25	17.66	17.78	17.93	17.93	17.74		
10	QPSK	50	0	17.66	17.71	17.94	17.95	17.72		
10	16QAM	1	0	17.83	17.94	18.15	18.07	17.83	18.5	0
10	16QAM	1	25	17.86	18.01	18.15	18.19	17.86		
10	16QAM	1	49	17.89	18.09	18.17	18.18	17.83		
10	16QAM	25	0	17.65	17.80	17.93	17.96	17.71	18.5	0
10	16QAM	25	12	17.71	17.81	18.03	17.98	17.73		
10	16QAM	25	25	17.64	17.83	17.98	17.99	17.79		
10	16QAM	50	0	17.61	17.77	17.95	17.91	17.68		
10	64QAM	1	0	17.63	17.73	17.98	17.97	17.72	18.5	0
10	64QAM	1	25	17.69	17.80	18.01	17.98	17.70		
10	64QAM	1	49	17.74	17.90	18.03	17.96	17.63		
10	64QAM	25	0	17.78	17.76	18.02	17.91	17.75	18.5	0
10	64QAM	25	12	17.61	17.76	18.04	17.95	17.79		
10	64QAM	25	25	17.70	17.77	17.98	17.97	17.74		
10	64QAM	50	0	17.50	17.78	17.93	17.84	17.66		
10	256QAM	1	0	17.52	17.56	17.90	17.69	17.39	18.5	0
10	256QAM	1	25	17.62	17.83	17.88	17.72	17.61		
10	256QAM	1	49	17.73	17.93	17.83	17.85	17.55		
10	256QAM	25	0	17.56	17.65	17.82	17.84	17.67	18.5	0
10	256QAM	25	12	17.59	17.68	17.88	17.85	17.58		
10	256QAM	25	25	17.75	17.81	17.88	17.87	17.71		
10	256QAM	50	0	17.61	17.65	17.83	17.69	17.58		
	Channel			39675	40148	40620	41093	41565	Tune-up limit	MPR
	Frequency (MHz)			2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	17.51	17.65	17.91	17.81	17.64	18.50	0
5	QPSK	1	12	17.57	17.65	17.87	17.69	17.70		
5	QPSK	1	24	17.62	17.77	17.86	17.87	17.48		
5	QPSK	12	0	17.56	17.73	17.97	17.92	17.59	18.5	0
5	QPSK	12	7	17.57	17.68	17.92	17.78	17.79		
5	QPSK	12	13	17.57	17.71	17.93	18.03	17.73		
5	QPSK	25	0	17.66	17.75	17.87	18.03	17.70		
5	16QAM	1	0	17.79	17.91	18.13	18.03	17.89	18.5	0
5	16QAM	1	12	17.82	18.07	18.19	18.16	17.94		
5	16QAM	1	24	17.87	18.10	18.18	18.10	17.84		
5	16QAM	12	0	17.63	17.69	17.98	18.02	17.68	18.5	0
5	16QAM	12	7	17.65	17.75	17.90	18.07	17.63		
5	16QAM	12	13	17.67	17.70	17.88	17.95	17.79		
5	16QAM	25	0	17.71	17.78	17.98	17.92	17.73		
5	64QAM	1	0	17.71	17.82	18.08	18.04	17.80	18.5	0
5	64QAM	1	12	17.69	17.71	18.05	18.05	17.72		
5	64QAM	1	24	17.75	17.88	18.06	17.91	17.68		
5	64QAM	12	0	17.55	17.67	17.93	18.00	17.70	18.5	0
5	64QAM	12	7	17.63	17.76	17.95	18.05	17.76		
5	64QAM	12	13	17.62	17.75	17.87	17.92	17.78		
5	64QAM	25	0	17.71	17.83	18.11	17.76	17.69		
5	256QAM	1	0	17.50	17.60	17.81	17.75	17.52	18.5	0
5	256QAM	1	12	17.56	17.84	17.91	17.82	17.63		
5	256QAM	1	24	17.69	17.90	17.90	17.78	17.50		
5	256QAM	12	0	17.50	17.60	17.87	17.86	17.56	18.5	0
5	256QAM	12	7	17.53	17.59	17.77	17.74	17.55		
5	256QAM	12	13	17.73	17.77	17.85	17.79	17.72		
5	256QAM	25	0	17.55	17.71	17.74	17.71	17.60		

Full Power level/Default Power level for 5G NR
For DFT-15

n5_Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.23	25.26	25.24	25.7	0.0
20	PI/2 BPSK	1	53	25.22	25.25	25.23		
20	PI/2 BPSK	1	104	25.17	25.17	25.12		
20	PI/2 BPSK	50	0	24.45	24.57	24.48	25.2	0.5
20	PI/2 BPSK	50	28	24.95	25.08	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.43	24.51	24.36	25.2	0.5
20	PI/2 BPSK	100	0	24.42	24.57	24.45		
20	QPSK	1	1	25.03	25.08	25.00	25.7	0.0
20	QPSK	1	53	24.93	25.03	24.92		
20	QPSK	1	104	24.88	25.01	24.90		
20	QPSK	50	0	23.98	24.06	24.01	24.7	1.0
20	QPSK	50	28	24.94	25.08	24.99	25.7	0.0
20	QPSK	50	56	23.89	24.04	23.95	24.7	1.0
20	QPSK	100	0	24.02	24.07	23.92		
20	16QAM	1	1	23.81	23.97	23.86	24.7	1.0
20	64QAM	1	1	22.43	22.55	22.39	23.2	2.5
20	256QAM	1	1	20.93	21.03	20.92	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	25.02	25.07	24.99	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	25.00	25.10	24.94	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	25.02	25.08	24.98	25.7	0.0

n5_Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.95	25.01	24.97	25.7	0.0
20	PI/2 BPSK	1	53	24.94	24.98	24.96		
20	PI/2 BPSK	1	104	24.84	24.74	24.76		
20	PI/2 BPSK	50	0	24.73	24.79	24.73	25.2	0.5
20	PI/2 BPSK	50	28	24.79	24.90	24.89	25.7	0.0
20	PI/2 BPSK	50	56	24.58	24.72	24.66	25.2	0.5
20	PI/2 BPSK	100	0	24.70	24.74	24.73		
20	QPSK	1	1	24.81	24.87	24.80	25.7	0.0
20	QPSK	1	53	24.73	24.81	24.69		
20	QPSK	1	104	24.59	24.66	24.61		
20	QPSK	50	0	23.57	23.70	23.56	24.7	1.0
20	QPSK	50	28	24.70	24.77	24.65	25.7	0.0
20	QPSK	50	56	23.47	23.59	23.50	24.7	1.0
20	QPSK	100	0	23.60	23.67	23.57		
20	16QAM	1	1	23.54	23.67	23.53	24.7	1.0
20	64QAM	1	1	22.19	22.28	22.23	23.2	2.5
20	256QAM	1	1	20.69	20.76	20.69	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	24.62	24.74	24.69	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	24.59	24.78	24.63	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	24.65	24.83	24.58	25.7	0.0

n7_Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.38	22.41	22.36	24.0	0.0
50	PI/2 BPSK	1	135	22.26	22.28	22.21		
50	PI/2 BPSK	1	268	22.35	22.24	22.31		
50	PI/2 BPSK	135	0	21.78	21.83	21.67	23.5	0.5
50	PI/2 BPSK	135	68	22.36	22.38	22.21	24.0	0.0
50	PI/2 BPSK	135	135	21.44	21.53	21.42	23.5	0.5
50	PI/2 BPSK	270	0	21.74	21.75	21.66		
50	QPSK	1	1	22.37	22.40	22.35	24.0	0.0
50	QPSK	1	135	22.28	22.34	22.23		
50	QPSK	1	268	22.04	22.11	21.95		
50	QPSK	135	0	21.06	21.21	21.15	23.0	1.0
50	QPSK	135	68	22.13	22.21	22.12	24.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	1.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	1.0
50	64QAM	1	1	19.68	19.76	19.71	21.5	2.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.31	22.32	22.27	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.36	22.31	22.31	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.40	21.50	21.40	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.37	22.15	22.30	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.98	22.11	21.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.00	22.19	22.02	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.96	22.03	21.97	24.0	0.0

n7_Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.48	24.59	24.56	25.0	0.0
50	PI/2 BPSK	1	135	24.22	24.28	24.14		
50	PI/2 BPSK	1	268	24.34	24.28	24.55		
50	PI/2 BPSK	135	0	23.82	23.89	23.80	24.5	0.5
50	PI/2 BPSK	135	68	24.26	24.33	24.29	25.0	0.0
50	PI/2 BPSK	135	135	23.82	23.85	23.78	24.5	0.5
50	PI/2 BPSK	270	0	23.86	23.90	23.82		
50	QPSK	1	1	24.34	24.43	24.34	25.0	0.0
50	QPSK	1	135	23.94	24.10	23.97		
50	QPSK	1	268	24.15	24.27	24.21		
50	QPSK	135	0	23.73	23.83	23.69	24.0	1.0
50	QPSK	135	68	24.19	24.24	24.17	25.0	0.0
50	QPSK	135	135	23.54	23.68	23.56	24.0	1.0
50	QPSK	270	0	23.67	23.75	23.68		
50	16QAM	1	1	23.51	23.62	23.50	24.0	1.0
50	64QAM	1	1	21.32	21.35	21.30	22.5	2.5
50	256QAM	1	1	20.34	20.47	20.39	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.26	24.39	24.24	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.32	24.27	24.32	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.34	23.41	23.34	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.09	24.19	24.07	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.08	24.12	24.13	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.07	24.14	24.11	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.09	24.12	24.12	25.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.32	24.52	24.19	25.7	0.0
50	PI/2 BPSK	1	135	24.18	24.24	24.02		
50	PI/2 BPSK	1	268	24.24	24.43	24.18		
50	PI/2 BPSK	135	0	23.83	23.96	23.86	25.2	0.5
50	PI/2 BPSK	135	68	24.22	24.31	24.26	25.7	0.0
50	PI/2 BPSK	135	135	23.93	24.00	23.84	25.2	0.5
50	PI/2 BPSK	270	0	23.76	23.85	23.75		
50	QPSK	1	1	24.24	24.39	24.33	25.7	0.0
50	QPSK	1	135	24.00	24.16	24.09		
50	QPSK	1	268	24.47	24.51	24.36		
50	QPSK	135	0	23.16	23.28	23.13	24.7	1.0
50	QPSK	135	68	24.17	24.29	24.24	25.7	0.0
50	QPSK	135	135	23.16	23.28	23.20	24.7	1.0
50	QPSK	270	0	23.09	23.20	23.06		
50	16QAM	1	1	22.83	22.89	22.78	24.7	1.0
50	64QAM	1	1	21.42	21.47	21.38	23.2	2.5
50	256QAM	1	1	20.24	20.39	20.32	21.2	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.38	24.45	24.32	25.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.35	24.47	24.35	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.44	23.59	23.44	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.35	24.29	24.31	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.34	24.22	24.29	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.40	24.18	24.34	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.36	24.13	24.32	25.7	0.0

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YYYYY	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.01	23.05	23.03	24.5	0.0
50	PI/2 BPSK	1	135	22.85	22.96	23.02		
50	PI/2 BPSK	1	268	22.92	23.01	22.95		
50	PI/2 BPSK	135	0	22.60	22.71	22.57	24.0	0.5
50	PI/2 BPSK	135	68	22.78	22.81	22.79	24.5	0.0
50	PI/2 BPSK	135	135	22.66	22.71	22.58	24.0	0.5
50	PI/2 BPSK	270	0	22.12	22.29	22.13		
50	QPSK	1	1	22.79	22.95	22.90	24.5	0.0
50	QPSK	1	135	22.62	22.76	22.69		
50	QPSK	1	268	22.95	23.00	23.00		
50	QPSK	135	0	21.65	21.77	21.63	23.5	1.0
50	QPSK	135	68	22.82	22.85	22.81	24.5	0.0
50	QPSK	135	135	21.79	21.86	21.71	23.5	1.0
50	QPSK	270	0	21.77	21.87	21.82		
50	16QAM	1	1	21.39	21.51	21.37	23.5	1.0
50	64QAM	1	1	20.02	20.11	19.97	22.0	2.5
50	256QAM	1	1	18.93	19.07	18.98	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.92	23.00	22.92	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.87	22.97	22.84	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	22.94	22.36	22.92	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	22.94	22.93	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.90	22.88	22.92	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.94	22.88	22.84	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.85	22.84	22.91	24.5	0.0

For DFT-30

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.83	22.89	22.80	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.68	22.56		
40	PI/2 BPSK	1	104	22.47	22.34	22.23		
40	PI/2 BPSK	50	0	21.87	22.02	21.92	23.5	0.5
40	PI/2 BPSK	50	28	22.36	22.75	22.34	24.0	0.0
40	PI/2 BPSK	50	56	22.01	22.15	22.09	23.5	0.5
40	PI/2 BPSK	100	0	22.16	22.25	22.12		
40	QPSK	1	1	22.69	22.74	22.59	24.0	0.0
40	QPSK	1	53	22.37	22.56	22.35		
40	QPSK	1	104	22.24	22.59	22.26		
40	QPSK	50	0	22.38	22.65	22.39	24.0	0.0
40	QPSK	50	28	22.31	22.53	22.29		
40	QPSK	50	56	22.17	22.51	22.11		
40	QPSK	100	0	21.52	21.56	21.53	23.0	1.0
40	16QAM	1	1	21.24	21.54	21.16	23.0	1.0
40	64QAM	1	1	20.05	20.12	20.06	21.5	2.5
40	256QAM	1	1	18.41	18.48	18.43	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	22.53	22.69	22.58	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	21.80	21.91	21.76	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.55	22.74	22.61	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.56	22.61	22.59	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	22.61	22.65	22.61	24.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.94	24.98	24.96	25.5	0.0
40	PI/2 BPSK	1	53	24.82	24.83	24.74		
40	PI/2 BPSK	1	104	24.86	24.92	24.82		
40	PI/2 BPSK	50	0	24.07	24.22	24.12	25.0	0.5
40	PI/2 BPSK	50	28	24.54	24.68	24.55	25.5	0.0
40	PI/2 BPSK	50	56	23.96	24.07	23.93	25.0	0.5
40	PI/2 BPSK	100	0	24.04	24.16	24.08		
40	QPSK	1	1	24.89	24.97	24.91	25.5	0.0
40	QPSK	1	53	24.69	24.75	24.67		
40	QPSK	1	104	24.65	24.77	24.61		
40	QPSK	50	0	24.37	24.51	24.41	25.5	0.0
40	QPSK	50	28	24.36	24.48	24.39		
40	QPSK	50	56	24.33	24.38	24.24		
40	QPSK	100	0	23.87	23.94	23.78	24.5	1.0
40	16QAM	1	1	23.57	23.63	23.49	24.5	1.0
40	64QAM	1	1	22.03	22.12	21.98	23.0	2.5
40	256QAM	1	1	20.67	20.82	20.72	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	24.71	24.82	24.70	25.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	24.01	24.16	24.08	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	24.72	24.86	24.72	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	24.71	24.79	24.75	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	24.74	24.73	24.68	25.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.84	25.20	24.86	25.7	0.0
40	PI/2 BPSK	1	53	24.82	25.00	24.82		
40	PI/2 BPSK	1	104	24.61	25.19	24.73		
40	PI/2 BPSK	50	0	24.38	24.56	24.33	25.2	0.5
40	PI/2 BPSK	50	28	24.69	24.88	24.65	25.7	0.0
40	PI/2 BPSK	50	56	24.17	24.28	24.19	25.2	0.5
40	PI/2 BPSK	100	0	24.18	24.34	24.20		
40	QPSK	1	1	24.37	24.49	24.38	25.7	0.0
40	QPSK	1	53	24.57	24.65	24.57		
40	QPSK	1	104	24.69	24.78	24.69		
40	QPSK	50	0	23.66	23.77	23.72	25.7	0.0
40	QPSK	50	28	24.19	24.25	24.20		
40	QPSK	50	56	23.53	23.60	23.54		
40	QPSK	100	0	23.59	23.69	23.61	24.7	1.0
40	16QAM	1	1	23.65	23.71	23.63	24.7	1.0
40	64QAM	1	1	22.36	22.43	22.36	23.2	2.5
40	256QAM	1	1	20.97	21.09	21.00	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	24.38	24.54	24.43	25.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	23.77	23.83	23.75	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	24.42	24.64	24.39	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	24.43	24.65	24.45	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	24.47	24.66	24.49	25.7	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.18	23.56	23.21	25.0	0.0
40	PI/2 BPSK	1	53	23.06	23.46	23.11		
40	PI/2 BPSK	1	104	23.17	23.44	23.04		
40	PI/2 BPSK	50	0	22.84	23.00	22.91	24.5	0.5
40	PI/2 BPSK	50	28	23.32	23.42	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.80	22.90	22.84	24.5	0.5
40	PI/2 BPSK	100	0	22.84	22.92	22.85		
40	QPSK	1	1	23.21	23.33	23.17	25.0	0.0
40	QPSK	1	53	22.52	23.21	22.57		
40	QPSK	1	104	22.53	23.23	22.60		
40	QPSK	50	0	22.69	23.22	22.77	25.0	0.0
40	QPSK	50	28	22.64	23.20	22.71		
40	QPSK	50	56	22.53	23.21	22.61		
40	QPSK	100	0	22.69	22.76	22.68	24.0	1.0
40	16QAM	1	1	22.91	22.98	22.87	24.0	1.0
40	64QAM	1	1	20.28	20.22	20.25	22.5	2.5
40	256QAM	1	1	18.84	18.96	18.81	20.5	4.5
Channel				517502	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	23.07	23.46	23.07	25.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	23.06	23.40	23.08	25.0	0.0
Channel				516003	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.99	23.51	23.11	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.96	23.45	23.11	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	23.04	23.43	23.07	25.0	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.45	23.57	23.56	24.5	0.0
100	PI/2 BPSK	1	137	23.38	23.42	23.40		
100	PI/2 BPSK	1	271	23.31	23.35	23.32		
100	PI/2 BPSK	135	0	22.87	23.04	22.84	24.0	0.5
100	PI/2 BPSK	135	69	23.41	23.48	23.42	24.5	0.0
100	PI/2 BPSK	135	138	22.40	22.54	22.48	24.0	0.5
100	PI/2 BPSK	270	0	22.68	22.74	22.69		
100	QPSK	1	1	23.25	23.35	23.25	24.5	0.0
100	QPSK	1	137	23.28	23.32	23.31		
100	QPSK	1	271	22.01	22.02	22.03		
100	QPSK	135	0	23.00	23.03	23.01	24.5	0.0
100	QPSK	135	69	23.21	23.32	23.24		
100	QPSK	135	138	23.19	23.29	23.21		
100	QPSK	270	0	22.28	22.36	22.31	23.5	1.0
100	16QAM	1	1	22.03	22.17	22.10	23.5	1.0
100	64QAM	1	1	20.57	20.65	20.56	22.0	2.5
100	256QAM	1	1	19.20	19.25	19.21	20.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	23.24	23.37	23.25	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	23.29	23.33	23.24	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	23.29	23.15	23.28	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	23.22	23.34	23.31	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	23.21	23.34	23.27	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	23.23	23.25	23.24	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	23.32	23.19	23.28	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	23.23	23.41	23.25	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	23.26	23.39	23.30	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	23.09	23.15	23.05	24.5	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.96	25.10	25.01	25.5	0.0
100	PI/2 BPSK	1	137	24.93	25.02	24.99		
100	PI/2 BPSK	1	271	24.85	24.95	24.93		
100	PI/2 BPSK	135	0	24.67	24.85	24.65	25.0	0.5
100	PI/2 BPSK	135	69	24.71	24.87	24.75	25.5	0.0
100	PI/2 BPSK	135	138	24.45	24.61	24.51	25.0	0.5
100	PI/2 BPSK	270	0	24.62	24.71	24.61		
100	QPSK	1	1	24.94	25.01	24.88	25.5	0.0
100	QPSK	1	137	24.48	24.63	24.58		
100	QPSK	1	271	24.61	24.71	24.59		
100	QPSK	135	0	24.07	24.23	24.16	25.5	0.0
100	QPSK	135	69	24.55	24.66	24.54		
100	QPSK	135	138	24.06	24.03	24.05		
100	QPSK	270	0	24.03	24.10	23.97	24.5	1.0
100	16QAM	1	1	24.21	24.35	24.19	24.5	1.0
100	64QAM	1	1	22.75	22.82	22.77	23.0	2.5
100	256QAM	1	1	21.14	21.29	21.21	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	24.96	25.08	24.97	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	24.99	24.95	24.97	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	24.95	24.87	25.02	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	25.00	25.08	24.99	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	24.92	25.01	24.94	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	24.92	24.91	24.98	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	24.99	24.81	25.00	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	24.30	24.46	24.28	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	24.31	24.45	24.25	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	24.27	24.36	24.29	25.5	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.71	25.58	24.65	25.7	0.0
100	PI/2 BPSK	1	137	24.65	25.31	24.63		
100	PI/2 BPSK	1	271	24.62	25.39	24.52		
100	PI/2 BPSK	135	0	24.67	24.73	24.57	25.2	0.5
100	PI/2 BPSK	135	69	24.69	24.75	24.62	25.7	0.0
100	PI/2 BPSK	135	138	24.57	24.72	24.60	25.2	0.5
100	PI/2 BPSK	270	0	24.71	24.82	24.72		
100	QPSK	1	1	24.94	25.08	25.02	25.7	0.0
100	QPSK	1	137	25.43	25.57	25.44		
100	QPSK	1	271	24.60	24.75	24.68		
100	QPSK	135	0	25.22	25.29	25.18	25.7	0.0
100	QPSK	135	69	25.23	25.32	25.22		
100	QPSK	135	138	25.01	25.11	24.97		
100	QPSK	270	0	23.98	24.14	24.09	24.7	1.0
100	16QAM	1	1	24.12	24.17	24.12	24.7	1.0
100	64QAM	1	1	22.53	22.58	22.42	23.2	2.5
100	256QAM	1	1	21.06	21.17	21.01	21.2	4.5
Channel				506200	518598	529996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	25.42	25.53	25.41	25.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	25.42	25.24	25.39	25.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	24.50	24.52	24.51	25.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	24.52	24.54	24.53	25.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	24.69	24.85	24.73	25.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	24.69	25.06	24.74	25.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	24.73	24.88	24.80	25.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	24.80	24.68	24.77	25.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	24.80	24.64	24.71	25.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	24.79	24.53	24.71	25.7	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.18	24.54	24.24	25.5	0.0
100	PI/2 BPSK	1	137	23.74	24.50	23.58		
100	PI/2 BPSK	1	271	23.57	24.25	22.53		
100	PI/2 BPSK	135	0	23.85	24.01	23.88	25.0	0.5
100	PI/2 BPSK	135	69	24.37	24.43	24.38	25.5	0.0
100	PI/2 BPSK	135	138	23.52	23.68	23.62	25.0	0.5
100	PI/2 BPSK	270	0	23.77	23.83	23.73		
100	QPSK	1	1	23.86	24.05	23.80	25.5	0.0
100	QPSK	1	137	23.78	24.06	23.82		
100	QPSK	1	271	23.63	24.08	23.63		
100	QPSK	135	0	24.20	24.26	24.15	25.5	0.0
100	QPSK	135	69	24.33	24.40	24.28		
100	QPSK	135	138	23.94	24.02	23.97		
100	QPSK	270	0	23.17	23.23	23.10	24.5	1.0
100	16QAM	1	1	23.56	23.71	23.56	24.5	1.0
100	64QAM	1	1	21.67	21.75	21.59	23.0	2.5
100	256QAM	1	1	20.24	20.32	20.16	21.0	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	24.21	24.27	24.11	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	24.19	24.18	24.12	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	24.17	24.15	24.22	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	24.20	24.34	24.13	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	24.15	24.31	24.19	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	24.17	24.21	24.15	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	24.13	24.18	24.22	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	24.03	24.02	24.01	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	24.03	24.05	24.00	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	24.01	24.12	24.05	25.5	0.0

Par27Q n77_Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.26		25.7	0.0
100	PI/2 BPSK	1	137		25.21			
100	PI/2 BPSK	1	271		25.24			
100	PI/2 BPSK	135	0		24.60		25.2	0.5
100	PI/2 BPSK	135	69		25.21		25.7	0.0
100	PI/2 BPSK	135	138		24.57		25.2	0.5
100	PI/2 BPSK	270	0		24.64			
100	QPSK	1	1		24.75		25.7	0.0
100	QPSK	1	137		24.96			
100	QPSK	1	271		25.12			
100	QPSK	135	0		25.05		25.7	0.0
100	QPSK	135	69		25.01			
100	QPSK	135	138		25.03			
100	QPSK	270	0		24.11		24.7	1.0
100	16QAM	1	1		24.07		24.7	1.0
100	64QAM	1	1		22.56		23.2	2.5
100	256QAM	1	1		21.23		21.2	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	25.16	25.13	25.21	25.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	25.03	25.08	25.05	25.7	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	25.01	25.04	25.05	25.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	25.02	25.03	25.13	25.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	25.10	25.06	25.06	25.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	25.02	25.05	25.10	25.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	25.09	25.03	25.06	25.7	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	25.10	24.97	25.08	25.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	25.01	25.02	25.16	25.7	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	25.11	25.02	25.14	25.7	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	25.10	25.07	25.13	25.7	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.19	25.28	25.27		
100	PI/2 BPSK	1	137	24.98	25.13	25.05	25.7	0.0
100	PI/2 BPSK	1	271	25.18	25.27	25.26		
100	PI/2 BPSK	135	0	24.50	24.61	24.53	25.2	0.5
100	PI/2 BPSK	135	69	24.89	25.15	25.10	25.7	0.0
100	PI/2 BPSK	135	138	24.46	24.59	24.54	25.2	0.5
100	PI/2 BPSK	270	0	24.54	24.71	24.69		
100	QPSK	1	1	25.12	25.23	25.12		
100	QPSK	1	137	24.98	25.06	24.99	25.7	0.0
100	QPSK	1	271	25.06	25.20	25.14		
100	QPSK	135	0	25.03	25.10	24.94		
100	QPSK	135	69	24.90	25.06	24.98	25.7	0.0
100	QPSK	135	138	24.98	25.09	24.94		
100	QPSK	270	0	23.92	24.08	23.93	24.7	1.0
100	16QAM	1	1	24.04	24.15	24.08	24.7	1.0
100	64QAM	1	1	22.44	22.55	22.42	23.2	2.5
100	256QAM	1	1	21.10	21.16	21.09	21.2	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	25.16	25.11	25.20	25.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	25.11	25.15	25.18	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	25.21	25.07	25.17	25.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	25.10	25.12	25.21	25.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	25.13	25.07	25.04	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	25.20	25.15	25.02	25.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	25.15	25.10	25.06	25.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	25.11	25.11	25.05	25.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	25.18	25.15	25.17	25.7	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	25.15	25.07	25.08	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	25.19	25.07	25.21	25.7	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.98			
100	PI/2 BPSK	1	137		22.62		24.5	0.0
100	PI/2 BPSK	1	271		22.96			
100	PI/2 BPSK	135	0		22.28		24.0	0.5
100	PI/2 BPSK	135	69		22.71		24.5	0.0
100	PI/2 BPSK	135	138		22.25		24.0	0.5
100	PI/2 BPSK	270	0		22.33			
100	QPSK	1	1		22.80			
100	QPSK	1	137		22.61		24.5	0.0
100	QPSK	1	271		22.84			
100	QPSK	135	0		22.76			
100	QPSK	135	69		22.63		24.5	0.0
100	QPSK	135	138		22.78			
100	QPSK	270	0		21.75		23.5	1.0
100	16QAM	1	1		21.59		23.5	1.0
100	64QAM	1	1		20.22		22.0	2.5
100	256QAM	1	1		18.75		20.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.83	22.82	22.78	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.69	22.75	22.70	24.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	22.70	22.77	22.66	24.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.72	22.72	22.64	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.69	22.72	22.65	24.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.68	22.72	22.67	24.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.76	22.73	22.63	24.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	22.76	22.67	22.67	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.68	22.74	22.72	24.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	22.72	22.76	22.69	24.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	22.73	22.71	22.66	24.5	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.69	23.05	23.03		
100	PI/2 BPSK	1	137	22.49	22.84	22.83	24.5	0.0
100	PI/2 BPSK	1	271	22.67	23.03	23.02		
100	PI/2 BPSK	135	0	22.05	22.32	22.38	24.0	0.5
100	PI/2 BPSK	135	69	22.43	22.79	22.76	24.5	0.0
100	PI/2 BPSK	135	138	21.98	22.32	22.39	24.0	0.5
100	PI/2 BPSK	270	0	22.12	22.45	22.44		
100	QPSK	1	1	22.59	22.87	22.88		
100	QPSK	1	137	22.44	22.73	22.70	24.5	0.0
100	QPSK	1	271	22.67	22.96	23.00		
100	QPSK	135	0	22.60	22.86	22.87		
100	QPSK	135	69	22.45	22.76	22.83	24.5	0.0
100	QPSK	135	138	22.51	22.80	22.87		
100	QPSK	270	0	21.53	21.83	21.80	23.5	1.0
100	16QAM	1	1	21.36	21.63	21.64	23.5	1.0
100	64QAM	1	1	19.80	20.09	20.07	22.0	2.5
100	256QAM	1	1	18.44	18.78	18.82	20.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	22.67	22.89	22.94	24.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	22.55	22.79	22.82	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	22.54	22.82	22.87	24.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	22.61	22.73	22.86	24.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	22.57	22.74	22.83	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	22.57	22.77	22.84	24.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	22.62	22.78	22.88	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	22.59	22.80	22.78	24.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	22.56	22.76	22.80	24.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	22.53	22.77	22.88	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	22.55	22.78	22.84	24.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.29			
100	PI/2 BPSK	1	137		21.04		22.5	0.0
100	PI/2 BPSK	1	271		21.27			
100	PI/2 BPSK	135	0		20.74		22.0	0.5
100	PI/2 BPSK	135	69		21.12		22.5	0.0
100	PI/2 BPSK	135	138		20.65		22.0	0.5
100	PI/2 BPSK	270	0		20.72			
100	QPSK	1	1		21.24			
100	QPSK	1	137		21.08		22.5	0.0
100	QPSK	1	271		21.21			
100	QPSK	135	0		21.20			
100	QPSK	135	69		21.15		22.5	0.0
100	QPSK	135	138		21.17			
100	QPSK	270	0		20.23		21.5	1.0
100	16QAM	1	1		20.06		21.5	1.0
100	64QAM	1	1		18.63		20.0	2.5
100	256QAM	1	1		17.21		18.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	21.20	21.18	21.21	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	21.15	21.11	21.09	22.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	21.05	21.02	21.16	22.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	21.05	21.13	21.12	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.09	21.02	21.08	22.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	21.15	21.09	21.08	22.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	21.13	21.13	21.09	22.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	21.04	21.02	21.10	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	21.09	21.04	21.10	22.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	21.12	21.06	21.12	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	21.10	21.11	21.05	22.5	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.08	21.10	20.99		
100	PI/2 BPSK	1	137	20.85	20.85	20.74	22.5	0.0
100	PI/2 BPSK	1	271	21.07	21.09	20.98		
100	PI/2 BPSK	135	0	20.57	20.46	20.37	22.0	0.5
100	PI/2 BPSK	135	69	20.94	20.95	20.80	22.5	0.0
100	PI/2 BPSK	135	138	20.57	20.44	20.25	22.0	0.5
100	PI/2 BPSK	270	0	20.58	20.59	20.33		
100	QPSK	1	1	20.97	21.02	20.94		
100	QPSK	1	137	20.73	20.85	20.80	22.5	0.0
100	QPSK	1	271	20.82	20.95	20.82		
100	QPSK	135	0	20.86	20.91	20.76		
100	QPSK	135	69	20.78	20.89	20.73	22.5	0.0
100	QPSK	135	138	20.80	20.89	20.78		
100	QPSK	270	0	19.86	19.97	19.82	21.5	1.0
100	16QAM	1	1	19.73	19.88	19.75	21.5	1.0
100	64QAM	1	1	18.16	18.32	18.25	20.0	2.5
100	256QAM	1	1	16.90	16.95	16.79	18.0	4.5
Channel				646668	656000	665332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	20.96	21.03	20.88	22.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	20.90	20.95	20.86	22.5	0.0
Channel				646000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	20.92	20.96	20.84	22.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	20.94	20.97	20.89	22.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	20.91	20.97	20.85	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	20.89	21.02	20.87	22.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	20.99	21.03	20.83	22.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	20.98	20.97	20.86	22.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	20.93	21.01	20.79	22.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	20.96	20.96	20.89	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	20.92	20.98	20.86	22.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.83			
100	PI/2 BPSK	1	137		24.58		25.7	0.0
100	PI/2 BPSK	1	271		24.82			
100	PI/2 BPSK	135	0		24.17		25.2	0.5
100	PI/2 BPSK	135	69		24.54		25.7	0.0
100	PI/2 BPSK	135	138		24.10		25.2	0.5
100	PI/2 BPSK	270	0		24.15			
100	QPSK	1	1		24.78			
100	QPSK	1	137		24.56		25.7	0.0
100	QPSK	1	271		24.71			
100	QPSK	135	0		24.65			
100	QPSK	135	69		24.48		25.7	0.0
100	QPSK	135	138		24.62			
100	QPSK	270	0		23.61		24.7	1.0
100	16QAM	1	1		23.53		24.7	1.0
100	64QAM	1	1		22.09		23.2	2.5
100	256QAM	1	1		20.66		21.2	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	24.68	24.62	24.69	25.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	24.62	24.46	24.53	25.7	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	24.55	24.49	24.64	25.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	24.54	24.57	24.55	25.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	24.61	24.51	24.53	25.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	24.54	24.61	24.61	25.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	24.57	24.47	24.55	25.7	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	24.59	24.51	24.54	25.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	24.56	24.50	24.58	25.7	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	24.53	24.54	24.57	25.7	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	24.53	24.55	24.58	25.7	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.65	24.79	24.78		
100	PI/2 BPSK	1	137	23.36	24.39	24.33	25.7	0.0
100	PI/2 BPSK	1	271	24.63	24.76	24.74		
100	PI/2 BPSK	135	0	24.02	24.02	24.03	25.2	0.5
100	PI/2 BPSK	135	69	24.42	24.49	24.48	25.7	0.0
100	PI/2 BPSK	135	138	24.06	24.01	24.07	25.2	0.5
100	PI/2 BPSK	270	0	24.07	24.17	24.08		
100	QPSK	1	1	24.40	24.52	24.39		
100	QPSK	1	137	24.25	24.35	24.25	25.7	0.0
100	QPSK	1	271	24.50	24.55	24.48		
100	QPSK	135	0	24.39	24.47	24.34		
100	QPSK	135	69	24.20	24.35	24.28	25.7	0.0
100	QPSK	135	138	24.39	24.46	24.37		
100	QPSK	270	0	23.30	23.44	23.39	24.7	1.0
100	16QAM	1	1	23.23	23.32	23.19	24.7	1.0
100	64QAM	1	1	21.68	21.83	21.67	23.2	2.5
100	256QAM	1	1	20.47	20.54	20.44	21.2	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	24.39	24.48	24.53	25.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	24.39	24.52	24.44	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	24.43	24.46	24.43	25.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	24.45	24.49	24.42	25.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	24.41	24.52	24.44	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	24.41	24.51	24.48	25.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	24.44	24.45	24.50	25.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	24.43	24.44	24.49	25.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	24.39	24.44	24.51	25.7	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	24.45	24.52	24.46	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	24.49	24.50	24.44	25.7	0.0

Part27Q n78_Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.32			
100	PI/2 BPSK	1	137		26.03		27.0	0.0
100	PI/2 BPSK	1	271		26.29			
100	PI/2 BPSK	135	0		26.18		26.5	0.5
100	PI/2 BPSK	135	69		26.23		27.0	0.0
100	PI/2 BPSK	135	138		26.11		26.5	0.5
100	PI/2 BPSK	270	0		26.12			
100	QPSK	1	1		26.23			
100	QPSK	1	137		26.05		27.0	0.0
100	QPSK	1	271		26.13			
100	QPSK	135	0		25.95			
100	QPSK	135	69		25.94		27.0	0.0
100	QPSK	135	138		26.00			
100	QPSK	270	0		25.09		26.0	1.0
100	16QAM	1	1		24.98		26.0	1.0
100	64QAM	1	1		23.51		24.5	2.5
100	256QAM	1	1		22.21		22.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	26.21	26.19	26.26	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	26.13	26.07	26.15	27.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	26.10	26.09	26.12	27.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	26.06	26.09	26.19	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	26.06	26.09	26.11	27.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	26.15	26.06	26.13	27.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	26.16	26.10	26.16	27.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	26.10	26.04	26.11	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	26.12	26.10	26.11	27.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	26.05	26.08	26.16	27.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	26.16	26.08	26.15	27.0	0.0

Part27O n78_Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.28			
100	PI/2 BPSK	1	137		25.92		27.0	0.0
100	PI/2 BPSK	1	271		26.25			
100	PI/2 BPSK	135	0		25.59		26.5	0.5
100	PI/2 BPSK	135	69		26.23		27.0	0.0
100	PI/2 BPSK	135	138		25.64		26.5	0.5
100	PI/2 BPSK	270	0		25.72			
100	QPSK	1	1		26.00			
100	QPSK	1	137		25.91		27.0	0.0
100	QPSK	1	271		26.19			
100	QPSK	135	0		25.97			
100	QPSK	135	69		26.00		27.0	0.0
100	QPSK	135	138		26.04			
100	QPSK	270	0		25.02		26.0	1.0
100	16QAM	1	1		26.10		26.0	1.0
100	64QAM	1	1		22.65		24.5	2.5
100	256QAM	1	1		21.95		22.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	25.99	25.97	26.04	27.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	25.84	25.83	25.94	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	25.83	25.84	25.94	27.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	25.93	25.92	25.94	27.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	25.83	25.85	25.94	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	25.87	25.89	25.92	27.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	25.85	25.90	25.92	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	25.86	25.86	25.90	27.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	25.93	25.83	25.99	27.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	25.84	25.83	25.97	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	25.94	25.83	25.99	27.0	0.0

Part27Q n78_Ant 6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.95		25.0	0.0
100	PI/2 BPSK	1	137		23.70			
100	PI/2 BPSK	1	271		23.93			
100	PI/2 BPSK	135	0		23.35		24.5	0.5
100	PI/2 BPSK	135	69		23.68		25.0	0.0
100	PI/2 BPSK	135	138		23.29		24.5	0.5
100	PI/2 BPSK	270	0		23.34			
100	QPSK	1	1		23.84		25.0	0.0
100	QPSK	1	137		23.71			
100	QPSK	1	271		23.90			
100	QPSK	135	0		23.78		25.0	0.0
100	QPSK	135	69		23.65			
100	QPSK	135	138		23.75			
100	QPSK	270	0		22.77		24.0	1.0
100	16QAM	1	1		22.57		24.0	1.0
100	64QAM	1	1		21.10		22.5	2.5
100	256QAM	1	1		19.80		20.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.86	23.84	23.89	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.79	23.74	23.84	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.76	23.73	23.82	25.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.73	23.73	23.82	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.80	23.69	23.83	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.72	23.69	23.83	25.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.74	23.78	23.80	25.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	23.72	23.78	23.76	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.81	23.73	23.80	25.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	23.75	23.69	23.84	25.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	23.81	23.71	23.81	25.0	0.0

Part27O n78_Ant 6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.89		25.0	0.0
100	PI/2 BPSK	1	137		23.56			
100	PI/2 BPSK	1	271		23.88			
100	PI/2 BPSK	135	0		23.16		24.5	0.5
100	PI/2 BPSK	135	69		23.66		25.0	0.0
100	PI/2 BPSK	135	138		23.26		24.5	0.5
100	PI/2 BPSK	270	0		23.27			
100	QPSK	1	1		23.65		25.0	0.0
100	QPSK	1	137		23.58			
100	QPSK	1	271		23.87			
100	QPSK	135	0		23.64		25.0	0.0
100	QPSK	135	69		23.65			
100	QPSK	135	138		23.74			
100	QPSK	270	0		22.70		24.0	1.0
100	16QAM	1	1		22.39		24.0	1.0
100	64QAM	1	1		20.98		22.5	2.5
100	256QAM	1	1		19.61		20.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.67	23.60	23.64	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.60	23.44	23.48	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.52	23.52	23.58	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.54	23.53	23.54	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.57	23.55	23.52	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.62	23.55	23.59	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	23.61	23.44	23.52	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	23.59	23.44	23.49	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.62	23.53	23.58	25.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	23.57	23.54	23.49	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	23.57	23.47	23.50	25.0	0.0

Part27Q n78_Ant 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.35		23.5	0.0
100	PI/2 BPSK	1	137		22.16			
100	PI/2 BPSK	1	271		22.33			
100	PI/2 BPSK	135	0		21.76		23.0	0.5
100	PI/2 BPSK	135	69		22.16		23.5	0.0
100	PI/2 BPSK	135	138		21.70		23.0	0.5
100	PI/2 BPSK	270	0		21.76			
100	QPSK	1	1		22.27		23.5	0.0
100	QPSK	1	137		22.11			
100	QPSK	1	271		22.21			
100	QPSK	135	0		21.90		23.5	0.0
100	QPSK	135	69		22.07			
100	QPSK	135	138		22.12			
100	QPSK	270	0		21.22		22.5	1.0
100	16QAM	1	1		21.04		22.5	1.0
100	64QAM	1	1		19.65		21.0	2.5
100	256QAM	1	1		18.21		19.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.22	22.28	22.29	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.13	22.23	22.24	23.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	22.15	22.19	22.21	23.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.08	22.16	22.13	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.13	22.17	22.13	23.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.17	22.26	22.22	23.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.17	22.24	22.19	23.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	22.07	22.24	22.16	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.13	22.26	22.15	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	22.07	22.17	22.20	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	22.11	22.27	22.13	23.5	0.0

Part27O n78_Ant 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.15		23.5	0.0
100	PI/2 BPSK	1	137		21.89			
100	PI/2 BPSK	1	271		22.12			
100	PI/2 BPSK	135	0		21.53		23.0	0.5
100	PI/2 BPSK	135	69		22.05		23.5	0.0
100	PI/2 BPSK	135	138		21.53		23.0	0.5
100	PI/2 BPSK	270	0		21.57			
100	QPSK	1	1		22.06		23.5	0.0
100	QPSK	1	137		21.87			
100	QPSK	1	271		22.09			
100	QPSK	135	0		21.99		23.5	0.0
100	QPSK	135	69		22.00			
100	QPSK	135	138		22.05			
100	QPSK	270	0		21.03		22.5	1.0
100	16QAM	1	1		20.82		22.5	1.0
100	64QAM	1	1		19.40		21.0	2.5
100	256QAM	1	1		18.00		19.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	22.01	22.03	22.03	23.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	21.96	21.92	21.96	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	21.93	21.97	21.92	23.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	21.91	21.87	21.85	23.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	21.86	21.87	21.94	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	21.96	21.95	21.96	23.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	21.86	21.90	21.94	23.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	21.88	21.95	21.90	23.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	21.96	21.98	21.96	23.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	21.93	21.96	21.96	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	21.85	21.95	21.97	23.5	0.0

Part27Q n78_Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.79		27.0	0.0
100	PI/2 BPSK	1	137		25.54			
100	PI/2 BPSK	1	271		25.78			
100	PI/2 BPSK	135	0		25.21		26.5	0.5
100	PI/2 BPSK	135	69		25.54		27.0	0.0
100	PI/2 BPSK	135	138		25.15		26.5	0.5
100	PI/2 BPSK	270	0		25.16			
100	QPSK	1	1		25.75		27.0	0.0
100	QPSK	1	137		25.56			
100	QPSK	1	271		25.70			
100	QPSK	135	0		25.67		27.0	0.0
100	QPSK	135	69		25.51			
100	QPSK	135	138		25.64			
100	QPSK	270	0		24.63		26.0	1.0
100	16QAM	1	1		24.52		26.0	1.0
100	64QAM	1	1		23.10		24.5	2.5
100	256QAM	1	1		21.66		22.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	25.72	25.74	25.73	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	25.59	25.64	25.63	27.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	25.65	25.64	25.61	27.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	25.59	25.58	25.58	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	25.63	25.64	25.63	27.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	25.01	25.60	25.58	27.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	25.60	25.66	25.66	27.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	25.61	25.61	25.66	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	25.66	25.63	25.65	27.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	25.56	25.67	25.63	27.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	25.66	25.59	25.60	27.0	0.0

Part27O n78_Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.69		27.0	0.0
100	PI/2 BPSK	1	137		25.43			
100	PI/2 BPSK	1	271		25.65			
100	PI/2 BPSK	135	0		25.08		26.5	0.5
100	PI/2 BPSK	135	69		25.53		27.0	0.0
100	PI/2 BPSK	135	138		25.14		26.5	0.5
100	PI/2 BPSK	270	0		25.11			
100	QPSK	1	1		25.59		27.0	0.0
100	QPSK	1	137		25.46			
100	QPSK	1	271		25.64			
100	QPSK	135	0		25.63		27.0	0.0
100	QPSK	135	69		25.55			
100	QPSK	135	138		25.50			
100	QPSK	270	0		24.53		26.0	1.0
100	16QAM	1	1		24.33		26.0	1.0
100	64QAM	1	1		22.91		24.5	2.5
100	256QAM	1	1		21.49		22.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	25.53	25.54	25.59	27.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	25.44	25.38	25.47	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	25.44	25.47	25.54	27.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	25.47	25.39	25.52	27.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	25.39	25.43	25.51	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	25.40	25.42	25.49	27.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	25.39	25.39	25.48	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	25.40	25.38	25.47	27.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	25.37	25.46	25.54	27.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	25.44	25.44	25.50	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	25.45	25.43	25.50	27.0	0.0

Reduced power level for 5G NR
For DFT-15

n5_Ant 0 DSI 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.23	25.26	25.24	25.7	0.0
20	PI/2 BPSK	1	53	25.22	25.25	25.23		
20	PI/2 BPSK	1	104	25.17	25.17	25.12		
20	PI/2 BPSK	50	0	24.45	24.57	24.48	25.2	0.5
20	PI/2 BPSK	50	28	24.95	25.08	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.43	24.51	24.36	25.2	0.5
20	PI/2 BPSK	100	0	24.42	24.57	24.45		
20	QPSK	1	1	25.03	25.08	25.00	25.7	0.0
20	QPSK	1	53	24.93	25.03	24.92		
20	QPSK	1	104	24.88	25.01	24.90		
20	QPSK	50	0	23.98	24.06	24.01	24.7	1.0
20	QPSK	50	28	24.94	25.08	24.99	25.7	0.0
20	QPSK	50	56	23.89	24.04	23.95	24.7	1.0
20	QPSK	100	0	24.02	24.07	23.92		
20	16QAM	1	1	23.81	23.97	23.86	24.7	1.0
20	64QAM	1	1	22.43	22.55	22.39	23.2	2.5
20	256QAM	1	1	20.93	21.03	20.92	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	25.02	25.07	24.99	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	25.00	25.10	24.94	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	25.02	25.08	24.98	25.7	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.54	22.62	22.55	23.2	0.0
20	PI/2 BPSK	1	53	22.52	22.59	22.51		
20	PI/2 BPSK	1	104	22.43	22.48	22.45		
20	PI/2 BPSK	50	0	22.33	22.40	22.35	23.2	0.0
20	PI/2 BPSK	50	28	22.41	22.45	22.43	23.2	0.0
20	PI/2 BPSK	50	56	22.31	22.34	22.32	23.2	0.0
20	PI/2 BPSK	100	0	22.32	22.35	22.33		
20	QPSK	1	1	22.41	22.47	22.43	23.2	0.0
20	QPSK	1	53	22.36	22.54	22.54		
20	QPSK	1	104	22.32	22.42	22.35		
20	QPSK	50	0	22.28	22.34	22.24	23.2	0.0
20	QPSK	50	28	22.27	22.43	22.41	23.2	0.0
20	QPSK	50	56	22.19	22.32	22.30	23.2	0.0
20	QPSK	100	0	22.17	22.31	22.21		
20	16QAM	1	1	21.99	22.14	22.09	23.2	0.0
20	64QAM	1	1	22.11	22.18	22.09	23.2	0.0
20	256QAM	1	1	20.61	20.73	20.66	21.2	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	22.40	22.57	22.42	23.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	22.44	22.50	22.47	23.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	22.43	22.53	22.50	23.2	0.0

n7_Ant 0 DSI 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.38	22.41	22.36	24.0	0.0
50	PI/2 BPSK	1	135	22.26	22.28	22.21		
50	PI/2 BPSK	1	268	22.35	22.24	22.31		
50	PI/2 BPSK	135	0	21.78	21.83	21.67	23.5	0.5
50	PI/2 BPSK	135	68	22.36	22.38	22.21	24.0	0.0
50	PI/2 BPSK	135	135	21.44	21.53	21.42	23.5	0.5
50	PI/2 BPSK	270	0	21.74	21.75	21.66		
50	QPSK	1	1	22.37	22.40	22.35	24.0	0.0
50	QPSK	1	135	22.28	22.34	22.23		
50	QPSK	1	268	22.04	22.11	21.95		
50	QPSK	135	0	21.06	21.21	21.15	23.0	1.0
50	QPSK	135	68	22.13	22.21	22.12	24.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	1.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	1.0
50	64QAM	1	1	19.68	19.76	19.71	21.5	2.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.31	22.32	22.27	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.36	22.31	22.31	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.40	21.50	21.40	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.37	22.15	22.30	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.98	22.11	21.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.00	22.19	22.02	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.96	22.03	21.97	24.0	0.0

n7_Ant 2 DSI 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.48	24.59	24.56	25.0	0.0
50	PI/2 BPSK	1	135	24.22	24.28	24.14		
50	PI/2 BPSK	1	268	24.34	24.28	24.55		
50	PI/2 BPSK	135	0	23.82	23.89	23.80	24.5	0.5
50	PI/2 BPSK	135	68	24.26	24.33	24.29	25.0	0.0
50	PI/2 BPSK	135	135	23.82	23.85	23.78	24.5	0.5
50	PI/2 BPSK	270	0	23.86	23.90	23.82		
50	QPSK	1	1	24.34	24.43	24.34	25.0	0.0
50	QPSK	1	135	23.94	24.10	23.97		
50	QPSK	1	268	24.15	24.27	24.21		
50	QPSK	135	0	23.73	23.83	23.69	24.0	1.0
50	QPSK	135	68	24.19	24.24	24.17	25.0	0.0
50	QPSK	135	135	23.54	23.68	23.56	24.0	1.0
50	QPSK	270	0	23.67	23.75	23.68		
50	16QAM	1	1	23.51	23.62	23.50	24.0	1.0
50	64QAM	1	1	21.32	21.35	21.30	22.5	2.5
50	256QAM	1	1	20.34	20.47	20.39	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.26	24.39	24.24	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.32	24.27	24.32	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.34	23.41	23.34	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.09	24.19	24.07	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.08	24.12	24.13	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.07	24.14	24.11	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.09	24.12	24.12	25.0	0.0

n7_Ant 3 DSI 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.98	17.12	16.92	17.7	0.0
50	PI/2 BPSK	1	135	16.95	17.01	16.90		
50	PI/2 BPSK	1	268	16.94	16.96	16.88		
50	PI/2 BPSK	135	0	16.83	16.85	16.81	17.7	0.0
50	PI/2 BPSK	135	68	17.02	17.07	16.98	17.7	0.0
50	PI/2 BPSK	135	135	17.00	17.05	16.90	17.7	0.0
50	PI/2 BPSK	270	0	17.03	17.11	16.92		
50	QPSK	1	1	16.77	16.77	16.63	17.7	0.0
50	QPSK	1	135	16.53	16.59	16.40		
50	QPSK	1	268	16.67	16.75	16.54		
50	QPSK	135	0	16.81	16.86	16.73	17.7	0.0
50	QPSK	135	68	16.95	16.96	16.82	17.7	0.0
50	QPSK	135	135	16.92	17.03	16.82	17.7	0.0
50	QPSK	270	0	16.98	17.02	16.90		
50	16QAM	1	1	16.64	16.66	16.55	17.7	0.0
50	64QAM	1	1	16.27	16.38	16.21	17.7	0.0
50	256QAM	1	1	16.78	16.81	16.70	17.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.82	16.97	16.77	17.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	16.93	16.97	16.83	17.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	16.88	17.07	16.78	17.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.83	17.07	16.78	17.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	16.92	17.05	16.80	17.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	16.91	16.96	16.77	17.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	16.82	16.99	16.84	17.7	0.0

17.09

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.90	15.01	14.95	16.0	0.0
50	PI/2 BPSK	1	135	14.85	14.92	14.89		
50	PI/2 BPSK	1	268	14.89	14.91	14.90		
50	PI/2 BPSK	135	0	14.80	14.88	14.85	16.0	0.0
50	PI/2 BPSK	135	68	14.85	14.98	14.90	16.0	0.0
50	PI/2 BPSK	135	135	14.84	14.96	14.87	16.0	0.0
50	PI/2 BPSK	270	0	14.82	14.95	14.93		
50	QPSK	1	1	14.64	14.82	14.74	16.0	0.0
50	QPSK	1	135	14.49	14.67	14.66		
50	QPSK	1	268	14.63	14.79	14.79		
50	QPSK	135	0	14.61	14.78	14.76	16.0	0.0
50	QPSK	135	68	14.76	14.92	14.83	16.0	0.0
50	QPSK	135	135	14.85	14.99	14.93	16.0	0.0
50	QPSK	270	0	14.78	14.94	14.85		
50	16QAM	1	1	14.63	14.77	14.72	16.0	0.0
50	64QAM	1	1	14.32	14.46	14.45	16.0	0.0
50	256QAM	1	1	14.72	14.92	14.91	16.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.75	14.93	14.87	16.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	14.85	14.93	14.84	16.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	14.77	14.86	14.80	16.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.84	14.89	14.90	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	14.83	14.89	14.90	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	14.80	14.96	14.89	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	14.78	14.94	14.85	16.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.83	22.89	22.80	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.68	22.56		
40	PI/2 BPSK	1	104	22.47	22.34	22.23		
40	PI/2 BPSK	50	0	21.87	22.02	21.92	23.5	0.5
40	PI/2 BPSK	50	28	22.36	22.75	22.34	24.0	0.0
40	PI/2 BPSK	50	56	22.01	22.15	22.09	23.5	0.5
40	PI/2 BPSK	100	0	22.16	22.25	22.12		
40	QPSK	1	1	22.69	22.74	22.59	24.0	0.0
40	QPSK	1	53	22.37	22.56	22.35		
40	QPSK	1	104	22.24	22.59	22.26		
40	QPSK	50	0	22.38	22.65	22.39	24.0	0.0
40	QPSK	50	28	22.31	22.53	22.29		
40	QPSK	50	56	22.17	22.51	22.11		
40	QPSK	100	0	21.52	21.56	21.53	23.0	1.0
40	16QAM	1	1	21.24	21.54	21.16	23.0	1.0
40	64QAM	1	1	20.05	20.12	20.06	21.5	2.5
40	256QAM	1	1	18.41	18.48	18.43	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	22.53	22.69	22.58	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	21.80	21.91	21.76	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.55	22.74	22.61	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.56	22.61	22.59	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	22.61	22.65	22.61	24.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.94	24.98	24.96	25.5	0.0
40	PI/2 BPSK	1	53	24.82	24.83	24.74		
40	PI/2 BPSK	1	104	24.86	24.92	24.82		
40	PI/2 BPSK	50	0	24.07	24.22	24.12	25.0	0.5
40	PI/2 BPSK	50	28	24.54	24.68	24.55	25.5	0.0
40	PI/2 BPSK	50	56	23.96	24.07	23.93	25.0	0.5
40	PI/2 BPSK	100	0	24.04	24.16	24.08		
40	QPSK	1	1	24.89	24.97	24.91	25.5	0.0
40	QPSK	1	53	24.69	24.75	24.67		
40	QPSK	1	104	24.65	24.77	24.61		
40	QPSK	50	0	24.37	24.51	24.41	25.5	0.0
40	QPSK	50	28	24.36	24.48	24.39		
40	QPSK	50	56	24.33	24.38	24.24		
40	QPSK	100	0	23.87	23.94	23.78	24.5	1.0
40	16QAM	1	1	23.57	23.63	23.49	24.5	1.0
40	64QAM	1	1	22.03	22.12	21.98	23.0	2.5
40	256QAM	1	1	20.67	20.82	20.72	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	24.71	24.82	24.70	25.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	24.01	24.16	24.08	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	24.72	24.86	24.72	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	24.71	24.79	24.75	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	24.74	24.73	24.68	25.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.54	18.65	18.57	18.7	0.0
40	PI/2 BPSK	1	53	18.52	18.61	18.53		
40	PI/2 BPSK	1	104	18.50	18.63	18.50		
40	PI/2 BPSK	50	0	18.42	18.48	18.47	18.7	0.0
40	PI/2 BPSK	50	28	18.54	18.60	18.57	18.7	0.0
40	PI/2 BPSK	50	56	18.45	18.49	18.47	18.7	0.0
40	PI/2 BPSK	100	0	18.46	18.49	18.47		
40	QPSK	1	1	18.41	18.53	18.44	18.7	0.0
40	QPSK	1	53	18.39	18.55	18.53		
40	QPSK	1	104	18.32	18.52	18.50		
40	QPSK	50	0	18.36	18.46	18.37	18.7	0.0
40	QPSK	50	28	18.37	18.56	18.52		
40	QPSK	50	56	18.33	18.45	18.38		
40	QPSK	100	0	18.24	18.44	18.36	18.7	0.0
40	16QAM	1	1	18.16	18.31	18.25	18.7	0.0
40	64QAM	1	1	18.17	18.35	18.27	18.7	0.0
40	256QAM	1	1	18.26	18.39	18.35	18.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	18.42	18.54	18.48	18.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	18.42	18.49	18.47	18.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	18.45	18.53	18.52	18.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	18.45	18.55	18.50	18.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	18.40	18.52	18.46	18.7	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.85	15.06	14.92	16.0	0.0
40	PI/2 BPSK	1	53	14.78	14.90	14.82		
40	PI/2 BPSK	1	104	14.76	14.85	14.79		
40	PI/2 BPSK	50	0	14.78	14.83	14.81	16.0	0.0
40	PI/2 BPSK	50	28	14.79	14.85	14.82	16.0	0.0
40	PI/2 BPSK	50	56	14.69	14.74	14.71	16.0	0.0
40	PI/2 BPSK	100	0	14.74	14.77	14.75		
40	QPSK	1	1	14.73	14.81	14.67	16.0	0.0
40	QPSK	1	53	14.77	14.88	14.78		
40	QPSK	1	104	14.63	14.69	14.60		
40	QPSK	50	0	14.67	14.79	14.65	16.0	0.0
40	QPSK	50	28	14.63	14.77	14.64		
40	QPSK	50	56	14.64	14.72	14.59		
40	QPSK	100	0	14.70	14.77	14.71	16.0	0.0
40	16QAM	1	1	14.58	14.73	14.63	16.0	0.0
40	64QAM	1	1	14.32	14.44	14.28	16.0	0.0
40	256QAM	1	1	14.81	14.92	14.77	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	14.73	15.00	14.77	16.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	14.74	14.97	14.79	16.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	14.80	14.94	14.83	16.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	14.79	14.94	14.79	16.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	14.74	14.92	14.87	16.0	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.45	23.57	23.56	24.5	0.0
100	PI/2 BPSK	1	137	23.38	23.42	23.40		
100	PI/2 BPSK	1	271	23.31	23.35	23.32		
100	PI/2 BPSK	135	0	22.87	23.04	22.84	24.0	0.5
100	PI/2 BPSK	135	69	23.41	23.48	23.42	24.5	0.0
100	PI/2 BPSK	135	138	22.40	22.54	22.48	24.0	0.5
100	PI/2 BPSK	270	0	22.68	22.74	22.69		
100	QPSK	1	1	23.25	23.35	23.25	24.5	0.0
100	QPSK	1	137	23.28	23.32	23.31		
100	QPSK	1	271	22.01	22.02	22.03		
100	QPSK	135	0	23.00	23.03	23.01	24.5	0.0
100	QPSK	135	69	23.21	23.32	23.24		
100	QPSK	135	138	23.19	23.29	23.21		
100	QPSK	270	0	22.28	22.36	22.31	23.5	1.0
100	16QAM	1	1	22.03	22.17	22.10	23.5	1.0
100	64QAM	1	1	20.57	20.65	20.56	22.0	2.5
100	256QAM	1	1	19.20	19.25	19.21	20.0	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	23.24	23.37	23.25	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	23.29	23.33	23.24	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	23.29	23.15	23.28	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	23.22	23.34	23.31	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	23.21	23.34	23.27	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	23.23	23.25	23.24	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	23.32	23.19	23.28	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	23.23	23.41	23.25	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	23.26	23.39	23.30	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	23.09	23.15	23.05	24.5	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.96	25.10	25.01	25.5	0.0
100	PI/2 BPSK	1	137	24.93	25.02	24.99		
100	PI/2 BPSK	1	271	24.85	24.95	24.93		
100	PI/2 BPSK	135	0	24.67	24.85	24.65	25.0	0.5
100	PI/2 BPSK	135	69	24.71	24.87	24.75	25.5	0.0
100	PI/2 BPSK	135	138	24.45	24.61	24.51	25.0	0.5
100	PI/2 BPSK	270	0	24.62	24.71	24.61		
100	QPSK	1	1	24.94	25.01	24.88	25.5	0.0
100	QPSK	1	137	24.48	24.63	24.58		
100	QPSK	1	271	24.61	24.71	24.59		
100	QPSK	135	0	24.07	24.23	24.16	25.5	0.0
100	QPSK	135	69	24.55	24.66	24.54		
100	QPSK	135	138	24.06	24.03	24.05		
100	QPSK	270	0	24.03	24.10	23.97	24.5	1.0
100	16QAM	1	1	24.21	24.35	24.19	24.5	1.0
100	64QAM	1	1	22.75	22.82	22.77	23.0	2.5
100	256QAM	1	1	21.14	21.29	21.21	21.0	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	24.96	25.08	24.97	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	24.99	24.95	24.97	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	24.95	24.87	25.02	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	25.00	25.08	24.99	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	24.92	25.01	24.94	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	24.92	24.91	24.98	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	24.99	24.81	25.00	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	24.30	24.46	24.28	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	24.31	24.45	24.25	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	24.27	24.36	24.29	25.5	0.0

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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)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.95	18.03	17.87	18.2	0.0
100	PI/2 BPSK	1	137	17.90	17.94	17.85		
100	PI/2 BPSK	1	271	17.88	17.90	17.86		
100	PI/2 BPSK	135	0	17.82	17.84	17.80	18.2	0.0
100	PI/2 BPSK	135	69	17.92	17.99	17.89	18.2	0.0
100	PI/2 BPSK	135	138	17.91	17.95	17.86	18.2	0.0
100	PI/2 BPSK	270	0	17.82	17.84	17.80		
100	QPSK	1	1	17.62	17.70	17.60	18.2	0.0
100	QPSK	1	137	17.94	17.97	17.77		
100	QPSK	1	271	17.73	17.84	17.64		
100	QPSK	135	0	17.72	17.82	17.72	18.2	0.0
100	QPSK	135	69	17.83	17.91	17.80		
100	QPSK	135	138	17.73	17.76	17.58		
100	QPSK	270	0	17.79	17.81	17.66	18.2	0.0
100	16QAM	1	1	17.41	17.41	17.31	18.2	0.0
100	64QAM	1	1	17.41	17.46	17.26	18.2	0.0
100	256QAM	1	1	18.01	18.02	17.89	18.2	0.0
Channel				506200	518998	529996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	17.85	17.96	17.70	18.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	17.87	17.92	17.71	18.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	17.86	17.91	17.80	18.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	17.87	17.93	17.79	18.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	17.83	17.87	17.74	18.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	17.63	17.55	17.72	18.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	17.81	17.88	17.73	18.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	17.83	17.95	17.78	18.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	17.88	17.94	17.71	18.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	17.82	17.89	17.74	18.2	0.0

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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)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.17	15.19	15.12	16.0	0.0
100	PI/2 BPSK	1	137	15.09	15.15	15.11		
100	PI/2 BPSK	1	271	15.08	15.13	15.10		
100	PI/2 BPSK	135	0	15.02	15.12	15.08	16.0	0.0
100	PI/2 BPSK	135	69	15.10	15.14	15.12	16.0	0.0
100	PI/2 BPSK	135	138	15.00	15.06	15.02	16.0	0.0
100	PI/2 BPSK	270	0	15.05	15.12	15.10		
100	QPSK	1	1	14.73	14.93	14.93	16.0	0.0
100	QPSK	1	137	15.00	15.16	15.07		
100	QPSK	1	271	14.74	14.94	14.93		
100	QPSK	135	0	14.97	15.13	15.08	16.0	0.0
100	QPSK	135	69	15.00	15.15	15.10		
100	QPSK	135	138	14.83	15.02	14.99		
100	QPSK	270	0	14.99	15.16	15.11	16.0	0.0
100	16QAM	1	1	14.64	14.84	14.83	16.0	0.0
100	64QAM	1	1	14.41	14.52	14.46	16.0	0.0
100	256QAM	1	1	14.79	14.97	14.89	16.0	0.0
Channel				506200	518998	529996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	15.00	15.03	15.00	16.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	14.98	15.14	15.06	16.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	14.96	15.03	15.05	16.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	14.99	15.10	14.97	16.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	14.95	15.06	15.05	16.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	15.00	15.00	15.07	16.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	14.97	15.13	15.02	16.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	14.98	15.11	15.01	16.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	14.98	15.05	15.04	16.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	14.99	15.13	15.06	16.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.99		16.2	0.0
100	PI/2 BPSK	1	137		15.96			
100	PI/2 BPSK	1	271		15.72			
100	PI/2 BPSK	135	0		15.93		16.2	0.0
100	PI/2 BPSK	135	69		15.95		16.2	0.0
100	PI/2 BPSK	135	138		15.81		16.2	0.0
100	PI/2 BPSK	270	0		15.98			
100	QPSK	1	1		15.87		16.2	0.0
100	QPSK	1	137		15.97			
100	QPSK	1	271		15.69			
100	QPSK	135	0		15.96		16.2	0.0
100	QPSK	135	69		15.93			
100	QPSK	135	138		15.80			
100	QPSK	270	0		15.91		16.2	0.0
100	16QAM	1	1		15.68		16.2	0.0
100	64QAM	1	1		15.66		16.2	0.0
100	256QAM	1	1		15.70		16.2	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	15.75	15.82	15.73	16.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	15.66	15.77	15.61	16.2	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	15.61	15.76	15.59	16.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	15.65	15.66	15.58	16.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	15.67	15.66	15.62	16.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	15.70	15.74	15.59	16.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	15.64	15.66	15.58	16.2	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	15.70	15.72	15.68	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	15.59	15.67	15.68	16.2	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	15.66	15.70	15.66	16.2	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	15.60	15.71	15.61	16.2	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.79	15.85	15.82	16.2	0.0
100	PI/2 BPSK	1	137	15.73	15.84	15.75		
100	PI/2 BPSK	1	271	15.65	15.71	15.68		
100	PI/2 BPSK	135	0	15.70	15.72	15.71	16.2	0.0
100	PI/2 BPSK	135	69	15.79	15.84	15.72	16.2	0.0
100	PI/2 BPSK	135	138	15.68	15.82	15.70	16.2	0.0
100	PI/2 BPSK	270	0	15.66	15.83	15.68		
100	QPSK	1	1	15.63	15.82	15.76	16.2	0.0
100	QPSK	1	137	15.68	15.80	15.79		
100	QPSK	1	271	15.49	15.64	15.56		
100	QPSK	135	0	15.63	15.82	15.77	16.2	0.0
100	QPSK	135	69	15.59	15.75	15.72		
100	QPSK	135	138	15.60	15.81	15.81		
100	QPSK	270	0	15.64	15.83	15.74	16.2	0.0
100	16QAM	1	1	15.43	15.53	15.42	16.2	0.0
100	64QAM	1	1	15.38	15.54	15.45	16.2	0.0
100	256QAM	1	1	15.54	15.73	15.73	16.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	15.63	15.76	15.72	16.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	15.65	15.74	15.66	16.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	15.63	15.72	15.68	16.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	15.72	15.77	15.75	16.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	15.74	15.77	15.67	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.66	15.71	15.69	16.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	15.73	15.71	15.68	16.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	15.68	15.71	15.75	16.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	15.66	15.70	15.71	16.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	15.68	15.77	15.66	16.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	15.65	15.76	15.70	16.2	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.23		17.5	0.0
100	PI/2 BPSK	1	137		16.21			
100	PI/2 BPSK	1	271		15.97			
100	PI/2 BPSK	135	0		16.12		17.5	0.0
100	PI/2 BPSK	135	69		16.15		17.5	0.0
100	PI/2 BPSK	135	138		16.08		17.5	0.0
100	PI/2 BPSK	270	0		16.10			
100	QPSK	1	1		16.13		17.5	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		15.97			
100	QPSK	135	0		16.08		17.5	0.0
100	QPSK	135	69		16.16			
100	QPSK	135	138		16.08			
100	QPSK	270	0		16.14		17.5	0.0
100	16QAM	1	1		15.88		17.5	0.0
100	64QAM	1	1		15.92		17.5	0.0
100	256QAM	1	1		16.02		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.18	16.22	16.13	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.13	16.17	16.01	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.08	16.15	16.04	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.05	16.08	15.98	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.12	16.15	16.02	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.13	16.15	16.01	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.03	16.06	16.04	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.02	16.10	16.07	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.03	16.06	16.07	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.06	16.13	16.01	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.05	16.07	16.04	17.5	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.05	16.13	16.10	17.5	0.0
100	PI/2 BPSK	1	137	15.95	16.05	15.99		
100	PI/2 BPSK	1	271	15.90	15.98	15.92		
100	PI/2 BPSK	135	0	15.90	16.06	15.97	17.5	0.0
100	PI/2 BPSK	135	69	16.02	16.10	16.08	17.5	0.0
100	PI/2 BPSK	135	138	15.98	16.02	16.01	17.5	0.0
100	PI/2 BPSK	270	0	15.99	16.11	16.01		
100	QPSK	1	1	15.85	15.96	15.91	17.5	0.0
100	QPSK	1	137	15.87	16.03	16.02		
100	QPSK	1	271	15.74	15.94	15.90		
100	QPSK	135	0	15.89	16.05	16.02	17.5	0.0
100	QPSK	135	69	15.92	16.08	15.99		
100	QPSK	135	138	15.86	16.04	16.02		
100	QPSK	270	0	15.95	16.08	16.08	17.5	0.0
100	16QAM	1	1	15.61	15.77	15.75	17.5	0.0
100	64QAM	1	1	15.69	15.81	15.81	17.5	0.0
100	256QAM	1	1	15.88	16.09	16.07	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	15.99	15.97	16.02	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	15.92	16.06	16.05	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	15.92	16.06	15.99	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	15.89	16.02	16.05	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	15.97	16.00	16.02	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.94	16.07	16.02	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	16.00	15.99	15.95	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	15.94	16.01	16.01	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	15.95	16.01	15.99	17.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	15.94	16.00	16.01	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	15.89	15.99	15.94	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.36			
100	PI/2 BPSK	1	137		14.27		15.5	0.0
100	PI/2 BPSK	1	271		14.22			
100	PI/2 BPSK	135	0		14.25		15.5	0.0
100	PI/2 BPSK	135	69		14.33		15.5	0.0
100	PI/2 BPSK	135	138		14.18		15.5	0.0
100	PI/2 BPSK	270	0		14.26			
100	QPSK	1	1		14.28			
100	QPSK	1	137		14.25		15.5	0.0
100	QPSK	1	271		14.01			
100	QPSK	135	0		14.28			
100	QPSK	135	69		14.25		15.5	0.0
100	QPSK	135	138		14.09			
100	QPSK	270	0		14.23		15.5	0.0
100	16QAM	1	1		14.05		15.5	0.0
100	64QAM	1	1		14.04		15.5	0.0
100	256QAM	1	1		14.30		15.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	14.32	14.35	14.33	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	14.16	14.30	14.22	15.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	14.26	14.19	14.18	15.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	14.17	14.19	14.20	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	14.16	14.22	14.24	15.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	14.24	14.21	14.20	15.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	14.16	14.28	14.22	15.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	14.17	14.28	14.26	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	14.24	14.28	14.25	15.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	14.23	14.30	14.22	15.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	14.27	14.29	14.26	15.5	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.95	14.04	13.91		
100	PI/2 BPSK	1	137	13.92	14.00	13.88	15.5	0.0
100	PI/2 BPSK	1	271	13.92	13.98	13.90		
100	PI/2 BPSK	135	0	13.90	13.92	13.88	15.5	0.0
100	PI/2 BPSK	135	69	13.93	14.02	13.91	15.5	0.0
100	PI/2 BPSK	135	138	13.92	13.96	13.90	15.5	0.0
100	PI/2 BPSK	270	0	13.95	14.01	13.92		
100	QPSK	1	1	13.99	14.01	13.87		
100	QPSK	1	137	13.98	14.03	13.83	15.5	0.0
100	QPSK	1	271	13.68	13.73	13.61		
100	QPSK	135	0	13.91	14.02	13.88		
100	QPSK	135	69	13.95	14.00	13.84	15.5	0.0
100	QPSK	135	138	13.95	13.99	13.79		
100	QPSK	270	0	13.96	14.02	13.82	15.5	0.0
100	16QAM	1	1	13.67	13.77	13.59	15.5	0.0
100	64QAM	1	1	13.72	13.81	13.67	15.5	0.0
100	256QAM	1	1	13.91	13.99	13.83	15.5	0.0
Channel				646668	656000	665332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	13.80	13.95	13.84	15.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	13.89	13.93	13.83	15.5	0.0
Channel				646000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	13.83	13.93	13.84	15.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	13.81	13.96	13.74	15.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	13.88	13.90	13.83	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	13.89	13.94	13.85	15.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	13.86	13.89	13.75	15.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	13.86	13.90	13.84	15.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	13.88	13.96	13.77	15.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	13.82	13.93	13.78	15.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	13.82	13.89	13.84	15.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.36			
100	PI/2 BPSK	1	137		22.35		23.2	0.0
100	PI/2 BPSK	1	271		22.03			
100	PI/2 BPSK	135	0		22.32		23.2	0.0
100	PI/2 BPSK	135	69		22.33		23.2	0.0
100	PI/2 BPSK	135	138		22.14		23.2	0.0
100	PI/2 BPSK	270	0		22.26			
100	QPSK	1	1		22.28			
100	QPSK	1	137		22.34		23.2	0.0
100	QPSK	1	271		21.98			
100	QPSK	135	0		22.33			
100	QPSK	135	69		22.28		23.2	0.0
100	QPSK	135	138		22.12			
100	QPSK	270	0		22.26		23.2	0.0
100	16QAM	1	1		22.09		23.2	0.0
100	64QAM	1	1		22.13		23.2	0.0
100	256QAM	1	1		20.72		21.2	2.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.30	22.32	22.27	23.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.16	22.21	22.12	23.2	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	22.25	22.16	22.13	23.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.14	22.20	22.19	23.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.19	22.20	22.13	23.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.14	22.22	22.17	23.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.25	22.24	22.20	23.2	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	22.14	22.19	22.18	23.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.22	22.22	22.19	23.2	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	22.18	22.17	22.17	23.2	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	22.20	22.26	22.15	23.2	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.10	22.23	22.12		
100	PI/2 BPSK	1	137	22.08	22.14	22.10	23.2	0.0
100	PI/2 BPSK	1	271	22.05	22.12	22.08		
100	PI/2 BPSK	135	0	22.01	22.07	22.02	23.2	0.0
100	PI/2 BPSK	135	69	22.03	22.18	22.10	23.2	0.0
100	PI/2 BPSK	135	138	21.89	22.04	21.95	23.2	0.0
100	PI/2 BPSK	270	0	21.92	22.12	21.99		
100	QPSK	1	1	21.89	22.08	22.04		
100	QPSK	1	137	21.92	22.13	22.09	23.2	0.0
100	QPSK	1	271	21.83	21.94	21.93		
100	QPSK	135	0	21.90	22.08	21.98		
100	QPSK	135	69	21.93	22.12	22.05	23.2	0.0
100	QPSK	135	138	21.80	21.98	21.88		
100	QPSK	270	0	21.87	22.04	21.93	23.2	0.0
100	16QAM	1	1	21.70	21.83	21.74	23.2	0.0
100	64QAM	1	1	21.72	21.86	21.85	23.2	0.0
100	256QAM	1	1	20.39	20.51	20.43	21.2	2.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	22.02	22.13	22.06	23.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	22.04	22.07	21.96	23.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	21.98	22.16	21.96	23.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	21.96	22.09	22.03	23.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	21.95	22.17	22.00	23.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	22.04	22.08	22.06	23.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	21.95	22.09	22.07	23.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	21.95	22.10	22.00	23.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	22.03	22.18	22.01	23.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	22.02	22.18	21.99	23.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	21.96	22.11	22.05	23.2	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.48			
100	PI/2 BPSK	1	137		15.33		16.0	0.0
100	PI/2 BPSK	1	271		15.16			
100	PI/2 BPSK	135	0		15.44		16.0	0.0
100	PI/2 BPSK	135	69		15.46		16.0	0.0
100	PI/2 BPSK	135	138		15.24		16.0	0.0
100	PI/2 BPSK	270	0		15.39			
100	QPSK	1	1		15.11			
100	QPSK	1	137		15.06		16.0	0.0
100	QPSK	1	271		15.14			
100	QPSK	135	0		15.42			
100	QPSK	135	69		15.37		16.0	0.0
100	QPSK	135	138		15.22			
100	QPSK	270	0		15.32		16.0	0.0
100	16QAM	1	1		15.09		16.0	0.0
100	64QAM	1	1		15.13		16.0	0.0
100	256QAM	1	1		15.45		16.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	15.40	15.42	15.35	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	15.34	15.28	15.20	16.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	15.29	15.34	15.28	16.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	15.25	15.35	15.22	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	15.26	15.27	15.23	16.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	15.32	15.28	15.28	16.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	15.34	15.30	15.24	16.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	15.32	15.35	15.23	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	15.27	15.31	15.21	16.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	15.30	15.35	15.21	16.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	15.29	15.31	15.20	16.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.18			
100	PI/2 BPSK	1	137		15.11		16.0	0.0
100	PI/2 BPSK	1	271		15.04			
100	PI/2 BPSK	135	0		15.13		16.0	0.0
100	PI/2 BPSK	135	69		15.14		16.0	0.0
100	PI/2 BPSK	135	138		15.11		16.0	0.0
100	PI/2 BPSK	270	0		15.12			
100	QPSK	1	1		14.95			
100	QPSK	1	137		15.13		16.0	0.0
100	QPSK	1	271		15.03			
100	QPSK	135	0		15.14			
100	QPSK	135	69		15.15		16.0	0.0
100	QPSK	135	138		15.09			
100	QPSK	270	0		15.13		16.0	0.0
100	16QAM	1	1		14.80		16.0	0.0
100	64QAM	1	1		14.78		16.0	0.0
100	256QAM	1	1		14.85		16.0	0.0
Channel				649668	650500	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.10	15.12	15.05	16.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.04	14.96	14.95	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	14.96	14.97	14.99	16.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	14.98	15.07	14.91	16.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.00	15.07	14.97	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.03	14.98	14.98	16.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	14.99	15.02	14.92	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	14.99	15.01	14.90	16.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	14.94	14.97	14.97	16.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	14.97	14.99	14.92	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	14.98	15.00	14.93	16.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.56			
100	PI/2 BPSK	1	137		16.45		17.5	0.0
100	PI/2 BPSK	1	271		16.35			
100	PI/2 BPSK	135	0		16.33		17.5	0.0
100	PI/2 BPSK	135	69		16.55		17.5	0.0
100	PI/2 BPSK	135	138		16.32		17.5	0.0
100	PI/2 BPSK	270	0		16.52			
100	QPSK	1	1		16.41			
100	QPSK	1	137		16.43		17.5	0.0
100	QPSK	1	271		16.28			
100	QPSK	135	0		16.52			
100	QPSK	135	69		16.46		17.5	0.0
100	QPSK	135	138		16.34			
100	QPSK	270	0		16.48		17.5	0.0
100	16QAM	1	1		16.25		17.5	0.0
100	64QAM	1	1		16.24		17.5	0.0
100	256QAM	1	1		16.32		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.45	16.48	16.40	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.30	16.36	16.30	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.39	16.32	16.24	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.30	16.43	16.27	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.33	16.42	16.27	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.37	16.36	16.32	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.29	16.34	16.28	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.37	16.37	16.35	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.38	16.32	16.27	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.35	16.35	16.27	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.30	16.34	16.35	17.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.45			
100	PI/2 BPSK	1	137		16.38		17.5	0.0
100	PI/2 BPSK	1	271		16.26			
100	PI/2 BPSK	135	0		16.43		17.5	0.0
100	PI/2 BPSK	135	69		16.44		17.5	0.0
100	PI/2 BPSK	135	138		16.37		17.5	0.0
100	PI/2 BPSK	270	0		16.42			
100	QPSK	1	1		16.29			
100	QPSK	1	137		16.36		17.5	0.0
100	QPSK	1	271		16.26			
100	QPSK	135	0		16.41			
100	QPSK	135	69		16.35		17.5	0.0
100	QPSK	135	138		16.37			
100	QPSK	270	0		16.42		17.5	0.0
100	16QAM	1	1		16.04		17.5	0.0
100	64QAM	1	1		16.06		17.5	0.0
100	256QAM	1	1		16.20		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	16.38	16.42	16.36	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	16.33	16.27	16.22	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	16.25	16.31	16.24	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	16.29	16.27	16.30	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	16.28	16.33	16.23	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	16.30	16.30	16.30	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	16.25	16.30	16.20	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	16.24	16.33	16.24	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	16.29	16.28	16.20	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	16.28	16.36	16.22	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	16.31	16.27	16.20	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.17			
100	PI/2 BPSK	1	137		14.96		16.0	0.0
100	PI/2 BPSK	1	271		14.92			
100	PI/2 BPSK	135	0		15.08		16.0	0.0
100	PI/2 BPSK	135	69		15.12		16.0	0.0
100	PI/2 BPSK	135	138		14.84		16.0	0.0
100	PI/2 BPSK	270	0		15.07			
100	QPSK	1	1		15.12			
100	QPSK	1	137		15.02		16.0	0.0
100	QPSK	1	271		14.76			
100	QPSK	135	0		15.14			
100	QPSK	135	69		15.02		16.0	0.0
100	QPSK	135	138		14.93			
100	QPSK	270	0		15.04		16.0	0.0
100	16QAM	1	1		14.85		16.0	0.0
100	64QAM	1	1		14.92		16.0	0.0
100	256QAM	1	1		14.90		16.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	15.02	15.10	14.95	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	14.93	15.03	14.90	16.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	14.96	14.98	14.83	16.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	14.95	14.95	14.84	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	14.95	15.00	14.85	16.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	14.86	15.02	14.84	16.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	14.86	14.94	14.80	16.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	14.97	15.02	14.79	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	14.94	15.02	14.86	16.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	14.89	15.05	14.82	16.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	14.92	15.00	14.80	16.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.97		16.0	0.0
100	PI/2 BPSK	1	137		14.92			
100	PI/2 BPSK	1	271		14.82			
100	PI/2 BPSK	135	0		14.92		16.0	0.0
100	PI/2 BPSK	135	69		14.95		16.0	0.0
100	PI/2 BPSK	135	138		14.91		16.0	0.0
100	PI/2 BPSK	270	0		14.92			
100	QPSK	1	1		14.82		16.0	0.0
100	QPSK	1	137		14.92			
100	QPSK	1	271		14.78			
100	QPSK	135	0		14.96		16.0	0.0
100	QPSK	135	69		14.92			
100	QPSK	135	138		14.92			
100	QPSK	270	0		14.63		16.0	0.0
100	16QAM	1	1		14.62		16.0	0.0
100	64QAM	1	1		14.61		16.0	0.0
100	256QAM	1	1		14.58		16.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	14.88	14.92	14.82	16.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	14.82	14.85	14.71	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	14.80	14.84	14.75	16.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	14.76	14.85	14.71	16.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	14.79	14.85	14.74	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	14.74	14.83	14.66	16.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	14.75	14.79	14.72	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	14.80	14.78	14.70	16.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	14.81	14.83	14.73	16.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	14.81	14.76	14.72	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	14.80	14.79	14.75	16.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.29		24.5	0.0
100	PI/2 BPSK	1	137		23.04			
100	PI/2 BPSK	1	271		23.28			
100	PI/2 BPSK	135	0		22.71		24.5	0.0
100	PI/2 BPSK	135	69		23.04		24.5	0.0
100	PI/2 BPSK	135	138		22.65		24.5	0.0
100	PI/2 BPSK	270	0		22.66			
100	QPSK	1	1		23.25		24.5	0.0
100	QPSK	1	137		23.06			
100	QPSK	1	271		23.20			
100	QPSK	135	0		23.17		24.5	0.0
100	QPSK	135	69		23.01			
100	QPSK	135	138		23.14			
100	QPSK	270	0		22.13		24.5	0.0
100	16QAM	1	1		22.02		24.5	0.0
100	64QAM	1	1		20.60		24.5	0.0
100	256QAM	1	1		19.16		22.5	2.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.22	23.24	23.23	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.09	23.14	20.63	24.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.15	23.14	23.11	24.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.09	23.08	23.08	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.13	23.14	23.13	24.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.11	23.10	23.08	24.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.10	23.16	23.16	24.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	23.11	23.11	23.16	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.16	23.13	23.15	24.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	23.06	23.17	23.13	24.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	23.16	23.09	23.10	24.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.19		24.5	0.0
100	PI/2 BPSK	1	137		22.93			
100	PI/2 BPSK	1	271		23.15			
100	PI/2 BPSK	135	0		22.58		24.5	0.0
100	PI/2 BPSK	135	69		23.03		24.5	0.0
100	PI/2 BPSK	135	138		22.64		24.5	0.0
100	PI/2 BPSK	270	0		22.61			
100	QPSK	1	1		23.09		24.5	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		23.14			
100	QPSK	135	0		23.13		24.5	0.0
100	QPSK	135	69		23.05			
100	QPSK	135	138		23.00			
100	QPSK	270	0		22.03		24.5	0.0
100	16QAM	1	1		21.83		24.5	0.0
100	64QAM	1	1		20.41		24.5	0.0
100	256QAM	1	1		18.99		22.5	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.03	23.04	23.09	24.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	22.94	22.88	22.97	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	22.94	22.97	23.04	24.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	22.97	22.89	23.02	24.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	22.89	22.93	23.01	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	22.90	22.92	22.99	24.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	22.89	22.89	22.98	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	22.90	22.88	22.97	24.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	22.87	22.96	23.04	24.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	22.94	22.94	23.00	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	22.95	22.93	23.00	24.5	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.73	24.76	24.74	25.2	0.0
20	PI/2 BPSK	1	53	24.72	24.75	24.73		
20	PI/2 BPSK	1	104	24.67	24.67	24.62		
20	PI/2 BPSK	50	0	23.95	24.07	23.98	25.2	0.0
20	PI/2 BPSK	50	28	24.45	24.58	24.53	25.2	0.0
20	PI/2 BPSK	50	56	23.93	24.01	23.86	25.2	0.0
20	PI/2 BPSK	100	0	23.92	24.07	23.95		
20	QPSK	1	1	24.53	24.58	24.50	25.2	0.0
20	QPSK	1	53	24.43	24.53	24.42		
20	QPSK	1	104	24.38	24.51	24.40		
20	QPSK	50	0	23.48	23.56	23.51	24.7	0.5
20	QPSK	50	28	24.44	24.58	24.49	25.2	0.0
20	QPSK	50	56	23.89	24.04	23.95	24.7	0.5
20	QPSK	100	0	24.02	24.07	23.92		
20	16QAM	1	1	23.81	23.97	23.86	24.7	0.5
20	64QAM	1	1	22.43	22.55	22.39	23.2	2.0
20	256QAM	1	1	20.93	21.03	20.92	21.2	4.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	24.52	24.57	24.49	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	24.50	24.60	24.44	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	24.52	24.58	24.48	25.2	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.04	22.12	22.05	22.7	0.0
20	PI/2 BPSK	1	53	22.02	22.09	22.01		
20	PI/2 BPSK	1	104	21.93	21.98	21.95		
20	PI/2 BPSK	50	0	21.83	21.90	21.85	22.7	0.0
20	PI/2 BPSK	50	28	21.91	21.95	21.93	22.7	0.0
20	PI/2 BPSK	50	56	21.81	21.84	21.82	22.7	0.0
20	PI/2 BPSK	100	0	21.82	21.85	21.83		
20	QPSK	1	1	21.91	21.97	21.93	22.7	0.0
20	QPSK	1	53	21.86	22.04	22.04		
20	QPSK	1	104	21.82	21.92	21.85		
20	QPSK	50	0	21.78	21.84	21.74	22.7	0.0
20	QPSK	50	28	21.77	21.93	21.91	22.7	0.0
20	QPSK	50	56	21.69	21.82	21.80	22.7	0.0
20	QPSK	100	0	21.67	21.81	21.71		
20	16QAM	1	1	21.49	21.64	21.59	22.7	0.0
20	64QAM	1	1	22.11	22.08	22.09	22.7	0.0
20	256QAM	1	1	20.61	20.73	20.66	21.2	1.5
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	21.90	22.07	21.92	22.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.94	22.00	21.97	22.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	21.93	22.03	22.00	22.7	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.38	21.41	21.36	23.0	0.0
50	PI/2 BPSK	1	135	21.26	21.28	21.21		
50	PI/2 BPSK	1	268	21.35	21.24	21.31		
50	PI/2 BPSK	135	0	20.78	20.83	20.67	23.0	0.0
50	PI/2 BPSK	135	68	21.36	21.38	21.21	23.0	0.0
50	PI/2 BPSK	135	135	20.44	20.53	20.42	23.0	0.0
50	PI/2 BPSK	270	0	20.74	20.75	20.66		
50	QPSK	1	1	21.37	21.40	21.35	23.0	0.0
50	QPSK	1	135	21.28	21.34	21.23		
50	QPSK	1	268	21.04	21.11	20.95		
50	QPSK	135	0	20.06	20.21	20.15	23.0	0.0
50	QPSK	135	68	21.13	21.21	21.12	23.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	0.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	0.0
50	64QAM	1	1	19.68	19.78	19.71	21.5	1.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	3.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.31	21.32	21.27	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.36	21.31	21.31	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	20.40	20.56	20.40	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.37	21.15	21.30	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.98	21.11	20.97	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.00	21.19	21.02	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.96	21.03	20.97	23.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.80	19.89	19.82	20.5	0.0
50	PI/2 BPSK	1	135	19.71	19.84	19.76		
50	PI/2 BPSK	1	268	19.62	19.71	19.68		
50	PI/2 BPSK	135	0	19.70	19.80	19.82	20.5	0.0
50	PI/2 BPSK	135	68	19.78	19.88	19.86	20.5	0.0
50	PI/2 BPSK	135	135	19.60	19.84	19.61	20.5	0.0
50	PI/2 BPSK	270	0	19.67	19.89	19.76		
50	QPSK	1	1	19.53	19.73	19.64	20.5	0.0
50	QPSK	1	135	19.66	19.77	19.69		
50	QPSK	1	268	19.40	19.61	19.57		
50	QPSK	135	0	19.69	19.81	19.77	20.5	0.0
50	QPSK	135	68	19.56	19.74	19.65	20.5	0.0
50	QPSK	135	135	19.67	19.86	19.85	20.5	0.0
50	QPSK	270	0	19.63	19.78	19.71		
50	16QAM	1	1	19.30	19.46	19.43	20.5	0.0
50	64QAM	1	1	19.43	19.53	19.42	20.5	0.0
50	256QAM	1	1	18.95	19.12	19.06	20.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.64	19.74	19.68	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	19.75	19.75	19.76	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	19.68	19.76	19.71	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.64	19.83	19.74	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	19.74	19.79	19.70	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.73	19.81	19.77	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.73	19.77	19.69	20.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.13	20.20	20.05	21.2	0.0
50	PI/2 BPSK	1	135	20.04	20.14	20.02		
50	PI/2 BPSK	1	268	20.08	20.13	20.04		
50	PI/2 BPSK	135	0	20.06	20.11	20.01	21.2	0.0
50	PI/2 BPSK	135	68	20.09	20.12	20.03	21.2	0.0
50	PI/2 BPSK	135	135	19.96	20.01	19.92	21.2	0.0
50	PI/2 BPSK	270	0	20.03	20.15	20.01		
50	QPSK	1	1	19.82	19.92	19.75	21.2	0.0
50	QPSK	1	135	19.97	20.04	19.93		
50	QPSK	1	268	20.04	20.06	19.92		
50	QPSK	135	0	20.06	20.06	19.91	21.2	0.0
50	QPSK	135	68	19.97	19.97	19.79	21.2	0.0
50	QPSK	135	135	20.10	20.16	20.04	21.2	0.0
50	QPSK	270	0	20.07	20.09	19.97		
50	16QAM	1	1	20.00	20.02	19.98	21.2	0.0
50	64QAM	1	1	19.99	20.00	19.98	21.2	0.0
50	256QAM	1	1	20.01	20.03	20.00	21.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.03	20.05	19.92	21.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	20.03	20.13	19.98	21.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	20.06	20.08	19.88	21.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.06	20.10	19.89	21.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.03	20.10	19.91	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.98	20.10	19.91	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.03	20.13	19.98	21.2	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.13	18.20	18.16	19.5	0.0
50	PI/2 BPSK	1	135	18.07	18.14	18.12		
50	PI/2 BPSK	1	268	18.11	18.16	18.15		
50	PI/2 BPSK	135	0	17.95	18.02	18.01	19.5	0.0
50	PI/2 BPSK	135	68	17.98	18.03	18.02	19.5	0.0
50	PI/2 BPSK	135	135	17.81	17.84	17.83	19.5	0.0
50	PI/2 BPSK	270	0	17.97	18.00	17.98		
50	QPSK	1	1	17.87	17.99	17.97	19.5	0.0
50	QPSK	1	135	18.03	18.18	18.10		
50	QPSK	1	268	17.95	18.12	18.05		
50	QPSK	135	0	17.81	18.02	17.94	19.5	0.0
50	QPSK	135	68	17.90	18.05	18.00	19.5	0.0
50	QPSK	135	135	17.94	18.15	18.13	19.5	0.0
50	QPSK	270	0	18.01	18.11	18.07		
50	16QAM	1	1	17.71	17.89	17.84	19.5	0.0
50	64QAM	1	1	17.58	17.71	17.60	19.5	0.0
50	256QAM	1	1	17.52	17.68	17.60	19.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.93	18.08	18.03	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	17.94	18.11	18.03	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	17.99	18.06	18.01	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.94	18.13	18.04	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	17.92	18.11	18.01	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	17.91	18.14	17.98	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	17.91	18.05	18.02	19.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.75	20.76	20.74	22.0	0.0
40	PI/2 BPSK	1	53	20.72	20.73	20.68		
40	PI/2 BPSK	1	104	20.54	20.56	20.52		
40	PI/2 BPSK	50	0	20.62	20.66	20.57	22.0	0.0
40	PI/2 BPSK	50	28	20.63	20.70	20.59	22.0	0.0
40	PI/2 BPSK	50	56	20.52	20.53	20.47	22.0	0.0
40	PI/2 BPSK	100	0	20.58	20.61	20.52		
40	QPSK	1	1	20.62	20.72	20.53	22.0	0.0
40	QPSK	1	53	20.54	20.58	20.37		
40	QPSK	1	104	20.44	20.52	20.40		
40	QPSK	50	0	20.51	20.56	20.44	22.0	0.0
40	QPSK	50	28	20.59	20.61	20.40		
40	QPSK	50	56	20.46	20.48	20.27		
40	QPSK	100	0	20.54	20.58	20.38	22.0	0.0
40	16QAM	1	1	20.41	20.47	20.33	22.0	0.0
40	64QAM	1	1	19.97	20.06	19.95	21.5	0.5
40	256QAM	1	1	18.64	18.75	18.54	19.5	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	20.59	20.62	20.65	22.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	20.66	20.68	20.59	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	20.69	20.68	20.62	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	20.66	20.63	20.62	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	20.60	20.70	20.68	22.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.90	19.92	19.91	20.5	0.0
40	PI/2 BPSK	1	53	19.85	19.87	19.84		
40	PI/2 BPSK	1	104	19.70	19.75	19.72		
40	PI/2 BPSK	50	0	19.68	19.72	19.71	20.5	0.0
40	PI/2 BPSK	50	28	19.70	19.79	19.73	20.5	0.0
40	PI/2 BPSK	50	56	19.60	19.69	19.63	20.5	0.0
40	PI/2 BPSK	100	0	19.67	19.73	19.72		
40	QPSK	1	1	19.73	19.88	19.78	20.5	0.0
40	QPSK	1	53	19.66	19.82	19.74		
40	QPSK	1	104	19.55	19.68	19.68		
40	QPSK	50	0	19.49	19.62	19.56	20.5	0.0
40	QPSK	50	28	19.55	19.71	19.65		
40	QPSK	50	56	19.44	19.59	19.59		
40	QPSK	100	0	19.58	19.68	19.66	20.5	0.0
40	16QAM	1	1	19.33	19.54	19.52	20.5	0.0
40	64QAM	1	1	19.48	19.62	19.54	20.5	0.0
40	256QAM	1	1	19.58	19.74	19.72	20.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	19.81	19.81	19.76	20.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	19.76	19.86	19.78	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	19.82	19.76	19.76	20.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	19.76	19.87	19.83	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	19.84	19.76	19.75	20.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.21	20.30	20.28	20.7	0.0
40	PI/2 BPSK	1	53	20.18	20.26	20.21		
40	PI/2 BPSK	1	104	20.12	20.27	20.22		
40	PI/2 BPSK	50	0	20.17	20.21	20.18	20.7	0.0
40	PI/2 BPSK	50	28	20.18	20.24	20.21	20.7	0.0
40	PI/2 BPSK	50	56	20.10	20.15	20.14	20.7	0.0
40	PI/2 BPSK	100	0	20.13	20.18	20.16		
40	QPSK	1	1	20.03	20.24	20.17	20.7	0.0
40	QPSK	1	53	20.12	20.27	20.20		
40	QPSK	1	104	20.06	20.25	20.17		
40	QPSK	50	0	19.97	20.16	20.08	20.7	0.0
40	QPSK	50	28	20.13	20.27	20.18		
40	QPSK	50	56	20.03	20.19	20.18		
40	QPSK	100	0	19.98	20.18	20.16	20.7	0.0
40	16QAM	1	1	19.95	20.11	20.07	20.7	0.0
40	64QAM	1	1	19.91	20.06	20.01	20.7	0.0
40	256QAM	1	1	20.02	20.21	20.20	20.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	20.09	20.25	20.20	20.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	20.05	20.24	20.21	20.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	20.11	20.22	20.14	20.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	20.07	20.20	20.19	20.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	20.13	20.16	20.14	20.7	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.58	18.68	18.67	19.5	0.0
40	PI/2 BPSK	1	53	18.48	18.56	18.52		
40	PI/2 BPSK	1	104	18.45	18.51	18.49		
40	PI/2 BPSK	50	0	18.32	18.49	18.35	19.5	0.0
40	PI/2 BPSK	50	28	18.56	18.62	18.58	19.5	0.0
40	PI/2 BPSK	50	56	18.42	18.49	18.45	19.5	0.0
40	PI/2 BPSK	100	0	18.51	18.54	18.53		
40	QPSK	1	1	18.35	18.53	18.48	19.5	0.0
40	QPSK	1	53	18.40	18.56	18.56		
40	QPSK	1	104	18.42	18.53	18.42		
40	QPSK	50	0	18.30	18.45	18.38	19.5	0.0
40	QPSK	50	28	18.41	18.53	18.48		
40	QPSK	50	56	18.29	18.48	18.46		
40	QPSK	100	0	18.40	18.52	18.43	19.5	0.0
40	16QAM	1	1	18.32	18.47	18.43	19.5	0.0
40	64QAM	1	1	18.13	18.28	18.21	19.5	0.0
40	256QAM	1	1	18.11	18.25	18.16	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	18.51	18.58	18.52	19.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	18.50	18.55	18.51	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	18.52	18.61	18.53	19.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	18.50	18.54	18.62	19.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	18.48	18.53	18.57	19.5	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.53	20.69	20.65	21.5	0.0
100	PI/2 BPSK	1	137	20.31	20.48	20.34		
100	PI/2 BPSK	1	271	20.48	20.52	20.50		
100	PI/2 BPSK	135	0	20.50	20.67	20.53	21.5	0.0
100	PI/2 BPSK	135	69	20.55	20.68	20.58	21.5	0.0
100	PI/2 BPSK	135	138	20.31	20.42	20.32	21.5	0.0
100	PI/2 BPSK	270	0	20.42	20.56	20.48		
100	QPSK	1	1	20.45	20.58	20.50	21.5	0.0
100	QPSK	1	137	20.40	20.53	20.48		
100	QPSK	1	271	19.96	20.12	20.12		
100	QPSK	135	0	20.43	20.60	20.54	21.5	0.0
100	QPSK	135	69	20.43	20.57	20.57		
100	QPSK	135	138	20.23	20.37	20.29		
100	QPSK	270	0	20.31	20.48	20.46	21.5	0.0
100	16QAM	1	1	20.16	20.34	20.25	21.5	0.0
100	64QAM	1	1	19.64	19.81	19.70	21.5	0.0
100	256QAM	1	1	19.38	19.48	19.48	20.0	1.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	20.39	20.58	20.58	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	20.38	20.61	20.58	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	20.41	20.57	20.49	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	20.39	20.60	20.56	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	20.45	20.62	20.60	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	20.43	20.58	20.60	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	20.37	20.59	20.55	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	20.40	20.63	20.60	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	20.39	20.59	20.50	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	20.40	20.60	20.58	21.5	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.41	19.53	19.43	20.0	0.0
100	PI/2 BPSK	1	137	19.40	19.46	19.41		
100	PI/2 BPSK	1	271	19.38	19.45	19.40		
100	PI/2 BPSK	135	0	19.41	19.51	19.45	20.0	0.0
100	PI/2 BPSK	135	69	19.43	19.52	19.46	20.0	0.0
100	PI/2 BPSK	135	138	19.41	19.48	19.43	20.0	0.0
100	PI/2 BPSK	270	0	19.44	19.50	19.45		
100	QPSK	1	1	19.30	19.51	19.48	20.0	0.0
100	QPSK	1	137	19.26	19.38	19.38		
100	QPSK	1	271	19.08	19.18	19.18		
100	QPSK	135	0	19.25	19.46	19.41	20.0	0.0
100	QPSK	135	69	19.26	19.42	19.33		
100	QPSK	135	138	19.09	19.25	19.23		
100	QPSK	270	0	19.25	19.45	19.43	20.0	0.0
100	16QAM	1	1	19.13	19.34	19.33	20.0	0.0
100	64QAM	1	1	19.12	19.33	19.33	20.0	0.0
100	256QAM	1	1	19.04	19.25	19.17	20.0	0.0
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	19.35	19.39	19.35	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	19.31	19.37	19.32	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	19.34	19.39	19.28	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	19.27	19.41	19.34	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	19.33	19.44	19.27	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	19.25	19.42	19.38	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	19.28	19.47	19.33	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	19.35	19.40	19.28	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	19.30	19.40	19.35	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	19.36	19.39	19.35	20.0	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.98	20.03	19.93		
100	PI/2 BPSK	1	137	19.97	20.01	19.92	20.2	0.0
100	PI/2 BPSK	1	271	19.85	19.91	19.80		
100	PI/2 BPSK	135	0	19.71	19.88	19.68	20.2	0.0
100	PI/2 BPSK	135	69	19.95	19.98	19.91	20.2	0.0
100	PI/2 BPSK	135	138	19.82	19.85	19.80	20.2	0.0
100	PI/2 BPSK	270	0	19.85	19.87	19.81		
100	QPSK	1	1	19.75	19.82	19.71		
100	QPSK	1	137	19.90	20.01	19.81	20.2	0.0
100	QPSK	1	271	19.81	19.83	19.69		
100	QPSK	135	0	19.81	19.86	19.65		
100	QPSK	135	69	19.93	20.02	19.91	20.2	0.0
100	QPSK	135	138	19.76	19.83	19.63		
100	QPSK	270	0	19.80	19.87	19.73	20.2	0.0
100	16QAM	1	1	19.54	19.59	19.49	20.2	0.0
100	64QAM	1	1	19.60	19.62	19.47	20.2	0.0
100	256QAM	1	1	19.74	19.78	19.63	20.2	0.0
Channel				506200	518598	520996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	19.88	19.92	19.77	20.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	19.87	19.87	19.79	20.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	19.82	19.98	19.82	20.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	19.84	19.89	19.86	20.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	19.89	19.94	19.83	20.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	19.81	19.90	19.88	20.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	19.83	19.90	19.87	20.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	19.86	19.93	19.87	20.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	19.81	19.93	19.80	20.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	19.82	19.91	19.81	20.2	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.68	18.79	18.74		
100	PI/2 BPSK	1	137	18.67	18.77	18.73	20.0	0.0
100	PI/2 BPSK	1	271	18.62	18.70	18.68		
100	PI/2 BPSK	135	0	18.61	18.71	18.70	20.0	0.0
100	PI/2 BPSK	135	69	18.65	18.78	18.74	20.0	0.0
100	PI/2 BPSK	135	138	18.52	18.64	18.55	20.0	0.0
100	PI/2 BPSK	270	0	18.57	18.65	18.62		
100	QPSK	1	1	18.43	18.62	18.59		
100	QPSK	1	137	18.55	18.72	18.63	20.0	0.0
100	QPSK	1	271	18.39	18.54	18.50		
100	QPSK	135	0	18.58	18.71	18.65		
100	QPSK	135	69	18.52	18.72	18.64	20.0	0.0
100	QPSK	135	138	18.46	18.64	18.55		
100	QPSK	270	0	18.55	18.72	18.72	20.0	0.0
100	16QAM	1	1	18.40	18.58	18.47	20.0	0.0
100	64QAM	1	1	18.20	18.32	18.29	20.0	0.0
100	256QAM	1	1	18.08	18.28	18.28	20.0	0.0
Channel				506200	518598	520996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	18.57	18.74	18.62	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	18.57	18.66	18.66	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	18.53	18.73	18.55	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	18.60	18.70	18.61	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	18.56	18.71	18.66	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	18.53	18.71	18.60	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	18.63	18.65	18.56	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	18.60	18.64	18.55	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	18.63	18.65	18.57	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	18.57	18.68	18.62	20.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.07			
100	PI/2 BPSK	1	137		19.06		19.2	0.0
100	PI/2 BPSK	1	271		19.02			
100	PI/2 BPSK	135	0		19.01		19.2	0.0
100	PI/2 BPSK	135	69		19.03		19.2	0.0
100	PI/2 BPSK	135	138		18.81		19.2	0.0
100	PI/2 BPSK	270	0		18.99			
100	QPSK	1	1		18.94			
100	QPSK	1	137		19.06		19.2	0.0
100	QPSK	1	271		18.77			
100	QPSK	135	0		19.01			
100	QPSK	135	69		19.02		19.2	0.0
100	QPSK	135	138		18.86			
100	QPSK	270	0		19.02		19.2	0.0
100	16QAM	1	1		18.72		19.2	0.0
100	64QAM	1	1		18.75		19.2	0.0
100	256QAM	1	1		18.74		19.2	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	18.92	19.02	18.89	19.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.84	18.93	18.81	19.2	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	18.78	18.96	18.81	19.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.83	18.88	18.77	19.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.79	18.88	18.74	19.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.87	18.57	18.76	19.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.87	18.97	18.81	19.2	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	18.85	18.91	18.82	19.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.76	18.93	18.83	19.2	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	18.85	18.87	18.84	19.2	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	18.87	18.86	18.76	19.2	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.80	18.92	18.85	19.2	0.0
100	PI/2 BPSK	1	137	18.78	18.89	18.80		
100	PI/2 BPSK	1	271	18.72	18.82	18.78		
100	PI/2 BPSK	135	0	18.70	18.78	18.77	19.2	0.0
100	PI/2 BPSK	135	69	18.71	18.85	18.79	19.2	0.0
100	PI/2 BPSK	135	138	18.65	18.82	18.71		
100	PI/2 BPSK	270	0	18.70	18.81	18.74	19.2	0.0
100	QPSK	1	1	18.53	18.74	18.70	19.2	0.0
100	QPSK	1	137	18.70	18.86	18.82		
100	QPSK	1	271	18.55	18.70	18.70		
100	QPSK	135	0	18.64	18.75	18.67	19.2	0.0
100	QPSK	135	69	18.68	18.85	18.86		
100	QPSK	135	138	18.59	18.75	18.75		
100	QPSK	270	0	18.68	18.84	18.75	19.2	0.0
100	16QAM	1	1	18.37	18.53	18.48	19.2	0.0
100	64QAM	1	1	18.38	18.58	18.51	19.2	0.0
100	256QAM	1	1	18.41	18.52	18.48	19.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	18.68	18.87	18.76	19.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	18.70	18.78	18.69	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	18.70	18.85	18.76	19.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	18.67	18.80	18.78	19.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	18.70	18.86	18.72	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	18.64	18.79	18.73	19.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	18.73	18.83	18.74	19.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	18.68	18.78	18.71	19.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	18.67	18.82	18.77	19.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	18.69	18.83	18.77	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	18.72	18.79	18.79	19.2	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.73		18.0	0.0
100	PI/2 BPSK	1	137		16.71			
100	PI/2 BPSK	1	271		16.47			
100	PI/2 BPSK	135	0		16.62		18.0	0.0
100	PI/2 BPSK	135	69		16.65		18.0	0.0
100	PI/2 BPSK	135	138		16.58		18.0	0.0
100	PI/2 BPSK	270	0		16.60			
100	QPSK	1	1		16.63		18.0	0.0
100	QPSK	1	137		16.71			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.58		18.0	0.0
100	QPSK	135	69		16.66			
100	QPSK	135	138		16.58			
100	QPSK	270	0		16.64		18.0	0.0
100	16QAM	1	1		16.38		18.0	0.0
100	64QAM	1	1		16.42		18.0	0.0
100	256QAM	1	1		16.52		18.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.68	16.72	16.63	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.63	16.67	16.51	18.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.58	16.65	16.54	18.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.55	16.58	16.48	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.62	16.65	16.52	18.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.63	16.65	16.51	18.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.53	16.56	16.54	18.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.52	16.60	16.57	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.53	16.56	16.57	18.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.56	16.63	16.51	18.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.55	16.57	16.54	18.0	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.55	16.63	16.60	18.0	0.0
100	PI/2 BPSK	1	137	16.45	16.55	16.49		
100	PI/2 BPSK	1	271	16.40	16.48	16.42		
100	PI/2 BPSK	135	0	16.40	16.56	16.47	18.0	0.0
100	PI/2 BPSK	135	69	16.52	16.60	16.58	18.0	0.0
100	PI/2 BPSK	135	138	16.48	16.52	16.51	18.0	0.0
100	PI/2 BPSK	270	0	16.49	16.61	16.51		
100	QPSK	1	1	16.35	16.46	16.41	18.0	0.0
100	QPSK	1	137	16.37	16.53	16.52		
100	QPSK	1	271	16.24	16.44	16.40		
100	QPSK	135	0	16.39	16.55	16.52	18.0	0.0
100	QPSK	135	69	16.42	16.58	16.49		
100	QPSK	135	138	16.36	16.54	16.52		
100	QPSK	270	0	16.45	16.58	16.58	18.0	0.0
100	16QAM	1	1	16.11	16.27	16.25	18.0	0.0
100	64QAM	1	1	16.19	16.31	16.31	18.0	0.0
100	256QAM	1	1	16.38	16.59	16.57	18.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	16.49	16.47	16.52	18.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	16.42	16.56	16.55	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	16.42	16.56	16.49	18.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	16.39	16.52	16.55	18.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	16.47	16.50	16.52	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	16.44	16.57	16.52	18.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	16.50	16.49	16.45	18.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	16.44	16.51	16.51	18.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	16.45	16.51	16.49	18.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	16.44	16.50	16.51	18.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	16.39	16.49	16.44	18.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.39		17.5	0.0
100	PI/2 BPSK	1	137		16.37			
100	PI/2 BPSK	1	271		16.28			
100	PI/2 BPSK	135	0		16.31		17.5	0.0
100	PI/2 BPSK	135	69		16.38		17.5	0.0
100	PI/2 BPSK	135	138		16.25		17.5	0.0
100	PI/2 BPSK	270	0		16.33			
100	QPSK	1	1		16.32		17.5	0.0
100	QPSK	1	137		16.38			
100	QPSK	1	271		16.17			
100	QPSK	135	0		16.36		17.5	0.0
100	QPSK	135	69		16.34			
100	QPSK	135	138		16.22			
100	QPSK	270	0		16.33		17.5	0.0
100	16QAM	1	1		16.11		17.5	0.0
100	64QAM	1	1		16.18		17.5	0.0
100	256QAM	1	1		16.10		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.28	16.32	16.27	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.16	16.21	16.19	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.13	16.17	16.16	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.20	16.24	16.12	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.22	16.25	16.22	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.18	16.16	16.12	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.18	16.24	16.17	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.21	16.19	16.14	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.22	16.20	16.13	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.21	16.19	16.20	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.23	16.18	16.15	17.5	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.48	16.57	16.35	17.5	0.0
100	PI/2 BPSK	1	137	16.44	16.51	16.32		
100	PI/2 BPSK	1	271	16.20	16.23	16.12		
100	PI/2 BPSK	135	0	16.22	16.27	16.10	17.5	0.0
100	PI/2 BPSK	135	69	16.25	16.28	16.12	17.5	0.0
100	PI/2 BPSK	135	138	16.12	16.20	16.10	17.5	0.0
100	PI/2 BPSK	270	0	16.19	16.23	16.17		
100	QPSK	1	1	16.12	16.22	16.08	17.5	0.0
100	QPSK	1	137	16.05	16.16	15.98		
100	QPSK	1	271	16.03	16.09	15.94		
100	QPSK	135	0	16.23	16.26	16.06	17.5	0.0
100	QPSK	135	69	16.12	16.22	16.10		
100	QPSK	135	138	16.03	16.08	15.98		
100	QPSK	270	0	16.21	16.21	16.09	17.5	0.0
100	16QAM	1	1	15.90	15.99	15.81	17.5	0.0
100	64QAM	1	1	16.01	16.05	15.93	17.5	0.0
100	256QAM	1	1	16.15	16.18	16.08	17.5	0.0
Channel				646668	656000	665332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	16.35	16.48	16.30	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	16.42	16.48	16.26	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	16.42	16.42	16.23	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	16.34	16.42	16.22	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	16.43	16.51	16.27	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	16.38	16.44	16.30	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	16.43	16.46	16.20	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	16.37	16.45	16.27	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	16.35	16.51	16.29	17.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	16.35	16.43	16.19	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	16.38	16.48	16.29	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.47		16.2	0.0
100	PI/2 BPSK	1	137		15.42			
100	PI/2 BPSK	1	271		15.14			
100	PI/2 BPSK	135	0		15.42		16.2	0.0
100	PI/2 BPSK	135	69		15.43		16.2	0.0
100	PI/2 BPSK	135	138		15.23		16.2	0.0
100	PI/2 BPSK	270	0		15.21			
100	QPSK	1	1		15.37		16.2	0.0
100	QPSK	1	137		15.45			
100	QPSK	1	271		15.14			
100	QPSK	135	0		15.42		16.2	0.0
100	QPSK	135	69		15.37			
100	QPSK	135	138		15.22			
100	QPSK	270	0		15.34		16.2	0.0
100	16QAM	1	1		15.17		16.2	0.0
100	64QAM	1	1		15.23		16.2	0.0
100	256QAM	1	1		15.20		16.2	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	15.40	15.43	15.39	16.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	15.33	15.29	15.34	16.2	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	15.28	15.32	15.31	16.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	15.31	15.36	15.31	16.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	15.25	15.38	15.31	16.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	15.32	15.22	15.32	16.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	15.33	15.34	15.27	16.2	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	15.27	15.38	15.26	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	15.34	15.30	15.28	16.2	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	15.32	15.38	15.34	16.2	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	15.25	15.38	15.34	16.2	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.12	15.21	15.18	16.2	0.0
100	PI/2 BPSK	1	137	15.05	15.13	15.10		
100	PI/2 BPSK	1	271	15.01	15.12	15.08		
100	PI/2 BPSK	135	0	15.00	15.08	15.02	16.2	0.0
100	PI/2 BPSK	135	69	15.08	15.13	15.10	16.2	0.0
100	PI/2 BPSK	135	138	14.95	15.10	15.00	16.2	0.0
100	PI/2 BPSK	270	0	14.98	15.07	15.01		
100	QPSK	1	1	14.96	15.08	14.98	16.2	0.0
100	QPSK	1	137	14.97	15.07	15.04		
100	QPSK	1	271	14.82	14.96	14.89		
100	QPSK	135	0	14.93	15.08	15.08	16.2	0.0
100	QPSK	135	69	14.99	15.16	15.10		
100	QPSK	135	138	14.89	15.07	14.97		
100	QPSK	270	0	14.93	15.14	15.09	16.2	0.0
100	16QAM	1	1	14.66	14.86	14.81	16.2	0.0
100	64QAM	1	1	14.69	14.89	14.79	16.2	0.0
100	256QAM	1	1	14.68	14.82	14.79	16.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	15.06	15.13	15.11	16.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	15.05	15.09	15.04	16.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	15.02	15.05	15.07	16.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	15.05	15.16	15.07	16.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	15.01	15.14	15.09	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.01	15.14	15.02	16.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	14.99	15.14	15.02	16.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	15.03	15.14	15.09	16.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	15.01	15.07	15.07	16.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	15.06	15.14	15.05	16.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	15.05	15.05	15.06	16.2	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.49		19.0	0.0
100	PI/2 BPSK	1	137		18.28			
100	PI/2 BPSK	1	271		18.13			
100	PI/2 BPSK	135	0		18.32		19.0	0.0
100	PI/2 BPSK	135	69		18.33		19.0	0.0
100	PI/2 BPSK	135	138		18.26		19.0	0.0
100	PI/2 BPSK	270	0		18.39			
100	QPSK	1	1		18.43		19.0	0.0
100	QPSK	1	137		18.36			
100	QPSK	1	271		18.24			
100	QPSK	135	0		18.43		19.0	0.0
100	QPSK	135	69		18.36			
100	QPSK	135	138		18.18			
100	QPSK	270	0		18.34		19.0	0.0
100	16QAM	1	1		18.15		19.0	0.0
100	64QAM	1	1		18.22		19.0	0.0
100	256QAM	1	1		18.08		19.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	18.30	18.32	18.28	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.21	18.22	18.15	19.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	18.18	18.16	18.13	19.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.18	18.24	18.13	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.16	18.18	18.18	19.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.25	18.17	18.18	19.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.17	18.21	18.15	19.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	18.22	18.27	18.15	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.20	18.20	18.15	19.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	18.24	18.19	18.12	19.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	18.14	18.24	18.17	19.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.20		19.0	0.0
100	PI/2 BPSK	1	137		18.14			
100	PI/2 BPSK	1	271		18.13			
100	PI/2 BPSK	135	0		18.15		19.0	0.0
100	PI/2 BPSK	135	69		18.17		19.0	0.0
100	PI/2 BPSK	135	138		18.13		19.0	0.0
100	PI/2 BPSK	270	0		18.16			
100	QPSK	1	1		18.04		19.0	0.0
100	QPSK	1	137		18.15			
100	QPSK	1	271		18.09			
100	QPSK	135	0		18.15		19.0	0.0
100	QPSK	135	69		18.09			
100	QPSK	135	138		18.14			
100	QPSK	270	0		18.12		19.0	0.0
100	16QAM	1	1		17.85		19.0	0.0
100	64QAM	1	1		17.83		19.0	0.0
100	256QAM	1	1		17.80		19.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	18.12	18.18	18.10	19.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	18.07	18.07	18.00	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.98	18.02	18.02	19.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	18.02	18.07	17.94	19.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	18.06	18.13	18.05	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	18.04	18.13	18.03	19.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	18.06	18.02	18.05	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	18.01	18.08	17.99	19.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.98	18.08	17.98	19.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	18.01	18.04	17.97	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	18.03	18.05	18.02	19.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.63			
100	PI/2 BPSK	1	137		16.48		17.5	0.0
100	PI/2 BPSK	1	271		16.38			
100	PI/2 BPSK	135	0		16.52		17.5	0.0
100	PI/2 BPSK	135	69		16.56		17.5	0.0
100	PI/2 BPSK	135	138		16.43		17.5	0.0
100	PI/2 BPSK	270	0		16.59			
100	QPSK	1	1		16.53			
100	QPSK	1	137		16.52		17.5	0.0
100	QPSK	1	271		16.39			
100	QPSK	135	0		16.30			
100	QPSK	135	69		16.58		17.5	0.0
100	QPSK	135	138		16.47			
100	QPSK	270	0		16.58		17.5	0.0
100	16QAM	1	1		16.28		17.5	0.0
100	64QAM	1	1		16.33		17.5	0.0
100	256QAM	1	1		16.23		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.58	16.60	16.52	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.52	16.55	16.39	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.50	16.52	16.47	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.53	16.52	16.38	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.46	16.51	16.38	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.46	16.52	16.39	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.52	16.50	16.44	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.43	16.51	16.44	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.49	16.52	16.38	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.52	16.55	16.46	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.47	16.44	16.36	17.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.54			
100	PI/2 BPSK	1	137		16.43		17.5	0.0
100	PI/2 BPSK	1	271		16.33			
100	PI/2 BPSK	135	0		16.47		17.5	0.0
100	PI/2 BPSK	135	69		16.48		17.5	0.0
100	PI/2 BPSK	135	138		16.38		17.5	0.0
100	PI/2 BPSK	270	0		16.42			
100	QPSK	1	1		16.34			
100	QPSK	1	137		16.37		17.5	0.0
100	QPSK	1	271		16.29			
100	QPSK	135	0		16.53			
100	QPSK	135	69		16.42		17.5	0.0
100	QPSK	135	138		16.43			
100	QPSK	270	0		16.47		17.5	0.0
100	16QAM	1	1		16.09		17.5	0.0
100	64QAM	1	1		16.11		17.5	0.0
100	256QAM	1	1		16.28		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	16.50	16.52	16.45	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	16.40	16.47	16.38	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	16.41	16.44	16.31	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	16.44	16.38	16.39	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	16.34	16.38	16.34	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	16.45	16.40	16.35	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	16.37	16.41	16.33	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	16.39	16.36	16.32	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	16.35	16.36	16.37	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	16.45	16.46	16.29	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	16.38	16.46	16.30	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.58			
100	PI/2 BPSK	1	137		16.45		17.5	0.0
100	PI/2 BPSK	1	271		16.31			
100	PI/2 BPSK	135	0		16.52		17.5	0.0
100	PI/2 BPSK	135	69		16.55		17.5	0.0
100	PI/2 BPSK	135	138		16.36		17.5	0.0
100	PI/2 BPSK	270	0		16.47			
100	QPSK	1	1		16.48			
100	QPSK	1	137		16.46		17.5	0.0
100	QPSK	1	271		16.32			
100	QPSK	135	0		16.55			
100	QPSK	135	69		16.47		17.5	0.0
100	QPSK	135	138		16.36			
100	QPSK	270	0		16.53		17.5	0.0
100	16QAM	1	1		16.23		17.5	0.0
100	64QAM	1	1		16.34		17.5	0.0
100	256QAM	1	1		16.32		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.50	16.52	16.48	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.41	16.40	16.36	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.37	16.38	16.34	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.43	16.43	16.35	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.35	16.40	16.42	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.38	16.36	16.37	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.36	16.40	16.38	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.42	16.46	16.43	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.44	16.39	16.32	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.40	16.39	16.40	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.40	16.39	16.37	17.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.48		17.5	0.0
100	PI/2 BPSK	1	137		16.38			
100	PI/2 BPSK	1	271		16.22			
100	PI/2 BPSK	135	0		16.43		17.5	0.0
100	PI/2 BPSK	135	69		16.45		17.5	0.0
100	PI/2 BPSK	135	138		16.35		17.5	0.0
100	PI/2 BPSK	270	0		16.43			
100	QPSK	1	1		16.27		17.5	0.0
100	QPSK	1	137		16.34			
100	QPSK	1	271		16.18			
100	QPSK	135	0		16.35		17.5	0.0
100	QPSK	135	69		16.36			
100	QPSK	135	138		16.36			
100	QPSK	270	0		16.38		17.5	0.0
100	16QAM	1	1		16.06		17.5	0.0
100	64QAM	1	1		16.07		17.5	0.0
100	256QAM	1	1		16.02		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	16.40	16.42	16.39	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	16.28	16.29	16.34	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	16.30	16.37	16.32	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	16.35	16.30	16.34	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	16.26	16.35	16.33	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	16.27	16.29	16.24	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	16.30	16.29	16.24	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	16.32	16.36	16.28	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	16.28	16.35	16.29	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	16.27	16.26	16.32	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	16.31	16.29	16.33	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.36		17.5	0.0
100	PI/2 BPSK	1	137		16.21			
100	PI/2 BPSK	1	271		16.01			
100	PI/2 BPSK	135	0		16.21		17.5	0.0
100	PI/2 BPSK	135	69		16.25		17.5	0.0
100	PI/2 BPSK	135	138		16.03		17.5	0.0
100	PI/2 BPSK	270	0		16.16			
100	QPSK	1	1		16.24		17.5	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		15.98			
100	QPSK	135	0		16.33		17.5	0.0
100	QPSK	135	69		16.24			
100	QPSK	135	138		16.04			
100	QPSK	270	0		16.24		17.5	0.0
100	16QAM	1	1		15.98		17.5	0.0
100	64QAM	1	1		20.01		17.5	0.0
100	256QAM	1	1		16.21		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.28	16.32	16.25	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.23	16.21	16.16	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.12	16.20	16.19	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.20	16.17	16.11	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.23	16.20	16.19	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.14	16.16	16.20	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.21	16.22	16.11	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.18	16.26	16.09	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.19	16.17	16.09	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.15	16.21	16.13	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.18	16.21	16.17	17.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.23		17.5	0.0
100	PI/2 BPSK	1	137		15.89			
100	PI/2 BPSK	1	271		15.85			
100	PI/2 BPSK	135	0		15.95		17.5	0.0
100	PI/2 BPSK	135	69		16.20		17.5	0.0
100	PI/2 BPSK	135	138		15.86		17.5	0.0
100	PI/2 BPSK	270	0		16.18			
100	QPSK	1	1		15.75		17.5	0.0
100	QPSK	1	137		15.88			
100	QPSK	1	271		15.82			
100	QPSK	135	0		15.91		17.5	0.0
100	QPSK	135	69		15.93			
100	QPSK	135	138		15.87			
100	QPSK	270	0		15.94		17.5	0.0
100	16QAM	1	1		15.85		17.5	0.0
100	64QAM	1	1		15.83		17.5	0.0
100	256QAM	1	1		15.82		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.91	15.95	15.86	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.86	15.89	15.73	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	15.78	15.79	15.70	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	15.85	15.90	15.75	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.80	15.90	15.81	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.75	15.83	15.78	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	15.79	15.84	15.70	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	15.83	15.82	15.75	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	15.79	15.86	15.74	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	15.75	15.84	15.77	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	15.75	15.85	15.80	17.5	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.23	25.26	25.24	25.7	0.0
20	PI/2 BPSK	1	53	25.22	25.25	25.23		
20	PI/2 BPSK	1	104	25.17	25.17	25.12		
20	PI/2 BPSK	50	0	24.45	24.57	24.48	25.2	0.5
20	PI/2 BPSK	50	28	24.95	25.08	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.43	24.51	24.36	25.2	0.5
20	PI/2 BPSK	100	0	24.42	24.57	24.45		
20	QPSK	1	1	25.03	25.08	25.00	25.7	0.0
20	QPSK	1	53	24.93	25.03	24.92		
20	QPSK	1	104	24.88	25.01	24.90		
20	QPSK	50	0	23.98	24.06	24.01	24.7	1.0
20	QPSK	50	28	24.94	25.08	24.99	25.7	0.0
20	QPSK	50	56	23.89	24.04	23.95	24.7	1.0
20	QPSK	100	0	24.02	24.07	23.92		
20	16QAM	1	1	23.81	23.97	23.86	24.7	1.0
20	64QAM	1	1	22.43	22.55	22.39	23.2	2.5
20	256QAM	1	1	20.93	21.03	20.92	21.2	4.5
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	25.02	25.07	24.99	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	25.00	25.10	24.94	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	25.02	25.08	24.98	25.7	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.04	22.12	22.05	22.7	0.0
20	PI/2 BPSK	1	53	22.02	22.09	22.01		
20	PI/2 BPSK	1	104	21.93	21.98	21.95		
20	PI/2 BPSK	50	0	21.83	21.90	21.85	22.7	0.0
20	PI/2 BPSK	50	28	21.91	21.95	21.93	22.7	0.0
20	PI/2 BPSK	50	56	21.81	21.84	21.82	22.7	0.0
20	PI/2 BPSK	100	0	21.82	21.85	21.83		
20	QPSK	1	1	21.91	21.97	21.93	22.7	0.0
20	QPSK	1	53	21.86	22.04	22.04		
20	QPSK	1	104	21.82	21.92	21.85		
20	QPSK	50	0	21.78	21.84	21.74	22.7	0.0
20	QPSK	50	28	21.77	21.93	21.91	22.7	0.0
20	QPSK	50	56	21.69	21.82	21.80	22.7	0.0
20	QPSK	100	0	21.67	21.81	21.71		
20	16QAM	1	1	21.49	21.64	21.59	22.7	0.0
20	64QAM	1	1	22.11	22.08	22.09	22.7	0.0
20	256QAM	1	1	20.61	20.73	20.66	21.2	1.5
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	21.90	22.07	21.92	22.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.94	22.00	21.97	22.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	21.93	22.03	22.00	22.7	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.38	22.41	22.36	24.0	0.0
50	PI/2 BPSK	1	135	22.26	22.28	22.21		
50	PI/2 BPSK	1	268	22.35	22.24	22.31		
50	PI/2 BPSK	135	0	21.78	21.83	21.67	23.5	0.5
50	PI/2 BPSK	135	68	22.36	22.38	22.21	24.0	0.0
50	PI/2 BPSK	135	135	21.44	21.53	21.42	23.5	0.5
50	PI/2 BPSK	270	0	21.74	21.75	21.66		
50	QPSK	1	1	22.37	22.40	22.35	24.0	0.0
50	QPSK	1	135	22.28	22.34	22.23		
50	QPSK	1	268	22.04	22.11	21.95		
50	QPSK	135	0	21.06	21.21	21.15	23.0	1.0
50	QPSK	135	68	22.13	22.21	22.12	24.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	1.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	1.0
50	64QAM	1	1	19.68	19.78	19.71	21.5	2.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.31	22.32	22.27	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.36	22.31	22.31	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.40	21.56	21.40	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.37	22.15	22.30	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.98	22.11	21.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.00	22.19	22.02	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.96	22.03	21.97	24.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.48	24.59	24.56	25.0	0.0
50	PI/2 BPSK	1	135	24.22	24.28	24.14		
50	PI/2 BPSK	1	268	24.34	24.28	24.55		
50	PI/2 BPSK	135	0	23.82	23.89	23.80	24.5	0.5
50	PI/2 BPSK	135	68	24.26	24.33	24.29	25.0	0.0
50	PI/2 BPSK	135	135	23.82	23.85	23.78	24.5	0.5
50	PI/2 BPSK	270	0	23.86	23.90	23.82		
50	QPSK	1	1	24.34	24.43	24.34	25.0	0.0
50	QPSK	1	135	23.94	24.10	23.97		
50	QPSK	1	268	24.15	24.27	24.21		
50	QPSK	135	0	23.73	23.83	23.69	24.0	1.0
50	QPSK	135	68	24.19	24.24	24.17	25.0	0.0
50	QPSK	135	135	23.54	23.68	23.56	24.0	1.0
50	QPSK	270	0	23.67	23.75	23.68		
50	16QAM	1	1	23.51	23.62	23.50	24.0	1.0
50	64QAM	1	1	21.32	21.35	21.30	22.5	2.5
50	256QAM	1	1	20.34	20.47	20.39	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.26	24.39	24.24	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.32	24.27	24.32	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.34	23.41	23.34	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.09	24.19	24.07	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.08	24.12	24.13	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.07	24.14	24.11	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.09	24.12	24.12	25.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.21	24.26	24.24	25.2	0.0
50	PI/2 BPSK	1	135	24.19	24.21	24.18		
50	PI/2 BPSK	1	268	24.17	24.23	24.17		
50	PI/2 BPSK	135	0	24.24	24.24	24.17	24.7	0.5
50	PI/2 BPSK	135	68	24.19	24.25	24.23	25.2	0.0
50	PI/2 BPSK	135	135	24.17	24.17	24.16	24.7	0.5
50	PI/2 BPSK	270	0	24.18	24.19	24.15		
50	QPSK	1	1	24.02	24.08	24.06	25.2	0.0
50	QPSK	1	135	24.09	24.12	24.11		
50	QPSK	1	268	24.04	24.05	24.03		
50	QPSK	135	0	24.03	24.09	24.08	24.2	1.0
50	QPSK	135	68	24.15	24.18	24.17	25.2	0.0
50	QPSK	135	135	24.16	24.16	24.09	24.2	1.0
50	QPSK	270	0	24.17	24.20	24.13		
50	16QAM	1	1	24.19	24.21	24.20	24.2	1.0
50	64QAM	1	1	24.04	24.09	24.03	22.7	2.5
50	256QAM	1	1	23.94	24.00	23.98	20.7	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.17	24.25	24.20	25.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.15	24.22	24.23	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	24.18	24.24	24.20	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.18	24.21	24.19	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.16	24.21	24.24	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.16	24.21	24.21	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.16	24.22	24.18	25.2	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.01	23.05	23.03	24.5	0.0
50	PI/2 BPSK	1	135	22.85	22.96	23.02		
50	PI/2 BPSK	1	268	22.92	23.01	22.95		
50	PI/2 BPSK	135	0	22.60	22.71	22.57	24.0	0.5
50	PI/2 BPSK	135	68	22.78	22.81	22.79	24.5	0.0
50	PI/2 BPSK	135	135	22.66	22.71	22.58	24.0	0.5
50	PI/2 BPSK	270	0	22.12	22.29	22.13		
50	QPSK	1	1	22.79	22.95	22.90	24.5	0.0
50	QPSK	1	135	22.62	22.76	22.69		
50	QPSK	1	268	22.95	23.00	23.00		
50	QPSK	135	0	21.65	21.77	21.63	23.5	1.0
50	QPSK	135	68	22.82	22.95	22.81	24.5	0.0
50	QPSK	135	135	21.79	21.86	21.71	23.5	1.0
50	QPSK	270	0	21.77	21.87	21.82		
50	16QAM	1	1	21.39	21.51	21.37	23.5	1.0
50	64QAM	1	1	20.02	20.11	19.97	22.0	2.5
50	256QAM	1	1	18.93	19.07	18.98	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.92	23.00	22.92	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.87	22.97	22.84	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	22.94	22.36	22.92	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	22.94	22.93	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.90	22.88	22.92	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.94	22.88	22.84	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.85	22.84	22.91	24.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.83	22.89	22.80	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.68	22.56		
40	PI/2 BPSK	1	104	22.47	22.34	22.23		
40	PI/2 BPSK	50	0	21.87	22.02	21.92	23.5	0.5
40	PI/2 BPSK	50	28	22.36	22.75	22.34	24.0	0.0
40	PI/2 BPSK	50	56	22.01	22.15	22.09	23.5	0.5
40	PI/2 BPSK	100	0	22.16	22.25	22.12		
40	QPSK	1	1	22.69	22.74	22.59	24.0	0.0
40	QPSK	1	53	22.37	22.56	22.35		
40	QPSK	1	104	22.24	22.59	22.26		
40	QPSK	50	0	22.38	22.65	22.39	24.0	0.0
40	QPSK	50	28	22.31	22.53	22.29		
40	QPSK	50	56	22.17	22.51	22.11		
40	QPSK	100	0	21.52	21.56	21.53	23.0	1.0
40	16QAM	1	1	21.24	21.54	21.16	23.0	1.0
40	64QAM	1	1	20.05	20.12	20.06	21.5	2.5
40	256QAM	1	1	18.41	18.48	18.43	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	22.53	22.69	22.58	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	21.80	21.91	21.76	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.55	22.74	22.61	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.56	22.61	22.59	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	22.61	22.65	22.61	24.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.94	24.98	24.96	25.5	0.0
40	PI/2 BPSK	1	53	24.82	24.83	24.74		
40	PI/2 BPSK	1	104	24.86	24.92	24.82		
40	PI/2 BPSK	50	0	24.07	24.22	24.12	25.0	0.5
40	PI/2 BPSK	50	28	24.54	24.68	24.55	25.5	0.0
40	PI/2 BPSK	50	56	23.96	24.07	23.93	25.0	0.5
40	PI/2 BPSK	100	0	24.04	24.16	24.08		
40	QPSK	1	1	24.89	24.97	24.91	25.5	0.0
40	QPSK	1	53	24.69	24.75	24.67		
40	QPSK	1	104	24.65	24.77	24.61		
40	QPSK	50	0	24.37	24.51	24.41	25.5	0.0
40	QPSK	50	28	24.36	24.48	24.39		
40	QPSK	50	56	24.33	24.38	24.24		
40	QPSK	100	0	23.87	23.94	23.78	24.5	1.0
40	16QAM	1	1	23.57	23.63	23.49	24.5	1.0
40	64QAM	1	1	22.03	22.12	21.98	23.0	2.5
40	256QAM	1	1	20.67	20.82	20.72	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	24.71	24.82	24.70	25.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	24.01	24.16	24.08	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	24.72	24.86	24.72	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	24.71	24.79	24.75	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	24.74	24.73	24.68	25.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.84	25.20	24.86	25.7	0.0
40	PI/2 BPSK	1	53	24.82	25.00	24.82		
40	PI/2 BPSK	1	104	24.61	25.19	24.73		
40	PI/2 BPSK	50	0	24.38	24.56	24.33	25.2	0.5
40	PI/2 BPSK	50	28	24.69	24.88	24.65	25.7	0.0
40	PI/2 BPSK	50	56	24.17	24.28	24.19	25.2	0.5
40	PI/2 BPSK	100	0	24.18	24.34	24.20		
40	QPSK	1	1	24.37	24.49	24.38	25.7	0.0
40	QPSK	1	53	24.57	24.65	24.57		
40	QPSK	1	104	24.69	24.78	24.69		
40	QPSK	50	0	23.66	23.77	23.72	25.7	0.0
40	QPSK	50	28	24.19	24.25	24.20		
40	QPSK	50	56	23.53	23.60	23.54		
40	QPSK	100	0	23.59	23.69	23.61	24.7	1.0
40	16QAM	1	1	23.65	23.71	23.63	24.7	1.0
40	64QAM	1	1	22.36	22.43	22.36	23.2	2.5
40	256QAM	1	1	20.97	21.09	21.00	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	24.38	24.54	24.43	25.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	23.77	23.83	23.75	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	24.42	24.64	24.39	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	24.43	24.65	24.45	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	24.47	24.66	24.49	25.7	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.18	23.56	23.21	25.0	0.0
40	PI/2 BPSK	1	53	23.06	23.46	23.11		
40	PI/2 BPSK	1	104	23.17	23.44	23.04		
40	PI/2 BPSK	50	0	22.84	23.00	22.91	24.5	0.5
40	PI/2 BPSK	50	28	23.32	23.42	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.80	22.90	22.84	24.5	0.5
40	PI/2 BPSK	100	0	22.84	22.92	22.85		
40	QPSK	1	1	23.21	23.33	23.17	25.0	0.0
40	QPSK	1	53	22.52	23.21	22.57		
40	QPSK	1	104	22.53	23.23	22.60		
40	QPSK	50	0	22.69	23.22	22.77	25.0	0.0
40	QPSK	50	28	22.64	23.20	22.71		
40	QPSK	50	56	22.53	23.21	22.61		
40	QPSK	100	0	22.69	22.76	22.68	24.0	1.0
40	16QAM	1	1	22.91	22.98	22.87	24.0	1.0
40	64QAM	1	1	20.28	20.22	20.25	22.5	2.5
40	256QAM	1	1	18.84	18.96	18.81	20.5	4.5
Channel				517502	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	23.07	23.46	23.07	25.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	23.06	23.40	23.08	25.0	0.0
Channel				516003	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.99	23.51	23.11	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.96	23.45	23.11	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	23.04	23.43	23.07	25.0	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.45	23.57	23.56	24.5	0.0
100	PI/2 BPSK	1	137	23.38	23.42	23.40		
100	PI/2 BPSK	1	271	23.31	23.35	23.32		
100	PI/2 BPSK	135	0	22.87	23.04	22.84	24.0	0.5
100	PI/2 BPSK	135	69	23.41	23.48	23.42	24.5	0.0
100	PI/2 BPSK	135	138	22.40	22.54	22.48	24.0	0.5
100	PI/2 BPSK	270	0	22.68	22.74	22.69		
100	QPSK	1	1	23.25	23.35	23.25	24.5	0.0
100	QPSK	1	137	23.28	23.32	23.31		
100	QPSK	1	271	22.01	22.02	22.03		
100	QPSK	135	0	23.00	23.03	23.01	24.5	0.0
100	QPSK	135	69	23.21	23.32	23.24		
100	QPSK	135	138	23.19	23.29	23.21		
100	QPSK	270	0	22.28	22.36	22.31	23.5	1.0
100	16QAM	1	1	22.03	22.17	22.10	23.5	1.0
100	64QAM	1	1	20.57	20.65	20.56	22.0	2.5
100	256QAM	1	1	19.20	19.25	19.21	20.0	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	23.24	23.37	23.25	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	23.29	23.33	23.24	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	23.29	23.15	23.28	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	23.22	23.34	23.31	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	23.21	23.34	23.27	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	23.23	23.25	23.24	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	23.32	23.19	23.28	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	23.23	23.41	23.25	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	23.26	23.39	23.30	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	23.09	23.15	23.05	24.5	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.96	25.10	25.01	25.5	0.0
100	PI/2 BPSK	1	137	24.93	25.02	24.99		
100	PI/2 BPSK	1	271	24.85	24.95	24.93		
100	PI/2 BPSK	135	0	24.67	24.85	24.65	25.0	0.5
100	PI/2 BPSK	135	69	24.71	24.87	24.75	25.5	0.0
100	PI/2 BPSK	135	138	24.45	24.61	24.51	25.0	0.5
100	PI/2 BPSK	270	0	24.62	24.71	24.61		
100	QPSK	1	1	24.94	25.01	24.88	25.5	0.0
100	QPSK	1	137	24.48	24.63	24.58		
100	QPSK	1	271	24.61	24.71	24.59		
100	QPSK	135	0	24.07	24.23	24.16	25.5	0.0
100	QPSK	135	69	24.55	24.66	24.54		
100	QPSK	135	138	24.06	24.03	24.05		
100	QPSK	270	0	24.03	24.10	23.97	24.5	1.0
100	16QAM	1	1	24.21	24.35	24.19	24.5	1.0
100	64QAM	1	1	22.75	22.82	22.77	23.0	2.5
100	256QAM	1	1	21.14	21.29	21.21	21.0	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	24.96	25.08	24.97	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	24.99	24.95	24.97	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	24.95	24.87	25.02	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	25.00	25.08	24.99	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	24.92	25.01	24.94	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	24.92	24.91	24.98	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	24.99	24.81	25.00	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	24.30	24.46	24.28	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	24.31	24.45	24.25	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	24.27	24.36	24.29	25.5	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.15	24.18	24.13		
100	PI/2 BPSK	1	137	24.04	24.06	24.06	24.7	0.0
100	PI/2 BPSK	1	271	24.11	24.15	24.11		
100	PI/2 BPSK	135	0	24.11	24.11	24.07	24.2	0.5
100	PI/2 BPSK	135	69	24.10	24.15	24.12	24.7	0.0
100	PI/2 BPSK	135	138	24.08	24.13	24.11	24.2	0.5
100	PI/2 BPSK	270	0	24.07	24.11	24.09		
100	QPSK	1	1	24.04	24.09	24.04		
100	QPSK	1	137	24.06	24.10	24.06	24.7	0.0
100	QPSK	1	271	24.05	24.05	24.05		
100	QPSK	135	0	24.06	24.11	24.07		
100	QPSK	135	69	24.09	24.15	24.09	24.7	0.0
100	QPSK	135	138	24.11	24.13	24.09		
100	QPSK	270	0	24.07	24.09	24.08	23.7	1.0
100	16QAM	1	1	24.04	24.07	24.06	23.7	1.0
100	64QAM	1	1	22.27	22.31	22.28	22.2	2.5
100	256QAM	1	1	19.31	19.37	19.35	20.2	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	24.14	24.16	24.13	24.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	24.12	24.12	24.13	24.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	24.13	24.17	24.13	24.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	24.10	24.14	24.12	24.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	24.13	24.12	24.07	24.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	24.12	24.16	24.12	24.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	24.11	24.16	24.13	24.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	24.11	24.12	24.09	24.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	24.15	24.14	24.08	24.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	24.12	24.16	24.10	24.7	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.18	24.54	24.24		
100	PI/2 BPSK	1	137	23.74	24.50	23.58	25.5	0.0
100	PI/2 BPSK	1	271	23.57	24.25	22.53		
100	PI/2 BPSK	135	0	23.85	24.01	23.88	25.0	0.5
100	PI/2 BPSK	135	69	24.37	24.43	24.38	25.5	0.0
100	PI/2 BPSK	135	138	23.52	23.68	23.62	25.0	0.5
100	PI/2 BPSK	270	0	23.77	23.83	23.73		
100	QPSK	1	1	23.86	24.05	23.80		
100	QPSK	1	137	23.78	24.06	23.82	25.5	0.0
100	QPSK	1	271	23.63	24.08	23.63		
100	QPSK	135	0	24.20	24.26	24.15		
100	QPSK	135	69	24.33	24.40	24.28	25.5	0.0
100	QPSK	135	138	23.94	24.02	23.97		
100	QPSK	270	0	23.17	23.23	23.10	24.5	1.0
100	16QAM	1	1	23.56	23.71	23.56	24.5	1.0
100	64QAM	1	1	21.67	21.75	21.59	23.0	2.5
100	256QAM	1	1	20.24	20.32	20.16	21.0	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	24.21	24.27	24.11	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	24.19	24.18	24.12	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	24.17	24.15	24.22	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	24.20	24.34	24.13	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	24.15	24.31	24.19	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	24.17	24.21	24.15	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	24.13	24.18	24.22	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	24.03	24.02	24.01	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	24.03	24.05	24.00	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	24.01	24.12	24.05	25.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.26			
100	PI/2 BPSK	1	137		23.21		23.7	0.0
100	PI/2 BPSK	1	271		23.24			
100	PI/2 BPSK	135	0		22.60		23.7	0.0
100	PI/2 BPSK	135	69		23.21		23.7	0.0
100	PI/2 BPSK	135	138		22.57		23.7	0.0
100	PI/2 BPSK	270	0		22.64			
100	QPSK	1	1		22.75			
100	QPSK	1	137		22.96		23.7	0.0
100	QPSK	1	271		23.12			
100	QPSK	135	0		23.05			
100	QPSK	135	69		23.01		23.7	0.0
100	QPSK	135	138		23.03			
100	QPSK	270	0		23.11		23.7	0.0
100	16QAM	1	1		23.07		23.7	0.0
100	64QAM	1	1		22.56		23.2	0.5
100	256QAM	1	1		21.23		21.2	2.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.16	23.13	23.21	23.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.03	23.08	23.05	23.7	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.01	23.04	23.05	23.7	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.02	23.03	23.13	23.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.10	23.06	23.06	23.7	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.02	23.05	23.10	23.7	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.09	23.03	23.06	23.7	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	23.10	22.97	23.08	23.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.01	23.02	23.16	23.7	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	23.11	23.02	23.14	23.7	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	23.10	23.07	23.13	23.7	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.19	23.28	23.27		
100	PI/2 BPSK	1	137	22.98	23.13	23.05	23.7	0.0
100	PI/2 BPSK	1	271	23.18	23.27	23.26		
100	PI/2 BPSK	135	0	22.50	22.61	22.53	23.7	0.0
100	PI/2 BPSK	135	69	22.89	23.15	23.10	23.7	0.0
100	PI/2 BPSK	135	138	22.46	22.59	22.54	23.7	0.0
100	PI/2 BPSK	270	0	22.54	22.71	22.69		
100	QPSK	1	1	23.12	23.23	23.12		
100	QPSK	1	137	22.98	23.06	22.99	23.7	0.0
100	QPSK	1	271	23.06	23.20	23.14		
100	QPSK	135	0	23.03	23.10	22.94		
100	QPSK	135	69	22.90	23.06	22.98	23.7	0.0
100	QPSK	135	138	22.98	23.09	22.94		
100	QPSK	270	0	22.92	23.08	22.93	23.7	0.0
100	16QAM	1	1	23.04	23.15	23.08	23.7	0.0
100	64QAM	1	1	22.44	22.55	22.42	23.2	0.5
100	256QAM	1	1	21.10	21.16	21.09	21.2	2.5
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	23.16	23.11	23.20	23.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	23.11	23.15	23.18	23.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	23.21	23.07	23.17	23.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	23.10	23.12	23.21	23.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	23.13	23.07	23.04	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	23.20	23.15	23.02	23.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	23.15	23.10	23.06	23.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	23.11	23.11	23.05	23.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	23.18	23.15	23.17	23.7	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	23.15	23.07	23.08	23.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	23.19	23.07	23.21	23.7	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.98			
100	PI/2 BPSK	1	137		22.62		24.5	0.0
100	PI/2 BPSK	1	271		22.96			
100	PI/2 BPSK	135	0		22.28		24.0	0.5
100	PI/2 BPSK	135	69		22.71		24.5	0.0
100	PI/2 BPSK	135	138		22.25		24.0	0.5
100	PI/2 BPSK	270	0		22.33			
100	QPSK	1	1		22.80			
100	QPSK	1	137		22.61		24.5	0.0
100	QPSK	1	271		22.84			
100	QPSK	135	0		22.76			
100	QPSK	135	69		22.63		24.5	0.0
100	QPSK	135	138		22.78			
100	QPSK	270	0		21.75		23.5	1.0
100	16QAM	1	1		21.59		23.5	1.0
100	64QAM	1	1		20.22		22.0	2.5
100	256QAM	1	1		18.75		20.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.83	22.82	22.78	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.69	22.75	22.70	24.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	22.70	22.77	22.66	24.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.72	22.72	22.64	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.69	22.72	22.65	24.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.68	22.72	22.67	24.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.76	22.73	22.63	24.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	22.76	22.67	22.67	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.68	22.74	22.72	24.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	22.72	22.76	22.69	24.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	22.73	22.71	22.66	24.5	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.69	23.05	23.03		
100	PI/2 BPSK	1	137	22.49	22.84	22.83	24.5	0.0
100	PI/2 BPSK	1	271	22.67	23.03	23.02		
100	PI/2 BPSK	135	0	22.05	22.32	22.38	24.0	0.5
100	PI/2 BPSK	135	69	22.43	22.79	22.76	24.5	0.0
100	PI/2 BPSK	135	138	21.98	22.32	22.39	24.0	0.5
100	PI/2 BPSK	270	0	22.12	22.45	22.44		
100	QPSK	1	1	22.59	22.87	22.88		
100	QPSK	1	137	22.44	22.73	22.70	24.5	0.0
100	QPSK	1	271	22.67	22.96	23.00		
100	QPSK	135	0	22.60	22.86	22.87		
100	QPSK	135	69	22.45	22.76	22.83	24.5	0.0
100	QPSK	135	138	22.51	22.80	22.87		
100	QPSK	270	0	21.53	21.83	21.80	23.5	1.0
100	16QAM	1	1	21.36	21.63	21.64	23.5	1.0
100	64QAM	1	1	19.80	20.09	20.07	22.0	2.5
100	256QAM	1	1	18.44	18.78	18.82	20.0	4.5
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	22.67	22.89	22.94	24.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	22.55	22.79	22.82	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	22.54	22.82	22.87	24.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	22.61	22.73	22.86	24.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	22.57	22.74	22.83	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	22.57	22.77	22.84	24.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	22.62	22.78	22.88	24.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	22.59	22.80	22.78	24.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	22.56	22.76	22.80	24.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	22.53	22.77	22.88	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	22.55	22.78	22.84	24.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.39		17.5	0.0
100	PI/2 BPSK	1	137		16.37			
100	PI/2 BPSK	1	271		16.28			
100	PI/2 BPSK	135	0		16.31		17.5	0.0
100	PI/2 BPSK	135	69		16.38		17.5	0.0
100	PI/2 BPSK	135	138		16.25		17.5	0.0
100	PI/2 BPSK	270	0		16.33			
100	QPSK	1	1		16.32		17.5	0.0
100	QPSK	1	137		16.38			
100	QPSK	1	271		16.17			
100	QPSK	135	0		16.36		17.5	0.0
100	QPSK	135	69		16.34			
100	QPSK	135	138		16.22			
100	QPSK	270	0		16.33		17.5	0.0
100	16QAM	1	1		16.11		17.5	0.0
100	64QAM	1	1		16.18		17.5	0.0
100	256QAM	1	1		16.10		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.28	16.32	16.27	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.16	16.21	16.19	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.13	16.17	16.16	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.20	16.24	16.12	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.22	16.25	16.22	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.18	16.16	16.12	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.18	16.24	16.17	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.21	16.19	16.14	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.22	16.20	16.13	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.21	16.19	16.20	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.23	16.18	16.15	17.5	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.48	16.57	16.35	17.5	0.0
100	PI/2 BPSK	1	137	16.44	16.51	16.32		
100	PI/2 BPSK	1	271	16.20	16.23	16.12		
100	PI/2 BPSK	135	0	16.22	16.27	16.10	17.5	0.0
100	PI/2 BPSK	135	69	16.25	16.28	16.12	17.5	0.0
100	PI/2 BPSK	135	138	16.12	16.20	16.10	17.5	0.0
100	PI/2 BPSK	270	0	16.19	16.23	16.17		
100	QPSK	1	1	16.12	16.22	16.08	17.5	0.0
100	QPSK	1	137	16.05	16.16	15.98		
100	QPSK	1	271	16.03	16.09	15.94		
100	QPSK	135	0	16.23	16.26	16.06	17.5	0.0
100	QPSK	135	69	16.12	16.22	16.10		
100	QPSK	135	138	16.03	16.08	15.98		
100	QPSK	270	0	16.21	16.21	16.09	17.5	0.0
100	16QAM	1	1	15.90	15.99	15.81	17.5	0.0
100	64QAM	1	1	16.01	16.05	15.93	17.5	0.0
100	256QAM	1	1	16.15	16.18	16.08	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	16.35	16.48	16.30	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	16.42	16.48	16.26	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	16.42	16.42	16.23	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	16.34	16.42	16.22	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	16.43	16.51	16.27	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	16.38	16.44	16.30	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	16.43	16.46	16.20	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	16.37	16.45	16.27	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	16.35	16.51	16.29	17.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	16.35	16.43	16.19	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	16.38	16.48	16.29	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.33		24.2	0.0
100	PI/2 BPSK	1	137		23.08			
100	PI/2 BPSK	1	271		23.32			
100	PI/2 BPSK	135	0		22.67		24.2	0.0
100	PI/2 BPSK	135	69		23.04		24.2	0.0
100	PI/2 BPSK	135	138		22.60		24.2	0.0
100	PI/2 BPSK	270	0		22.65			
100	QPSK	1	1		23.28		24.2	0.0
100	QPSK	1	137		23.06			
100	QPSK	1	271		23.21			
100	QPSK	135	0		23.15		24.2	0.0
100	QPSK	135	69		22.98			
100	QPSK	135	138		23.12			
100	QPSK	270	0		22.61		24.2	0.0
100	16QAM	1	1		22.53		24.2	0.0
100	64QAM	1	1		22.09		23.2	1.0
100	256QAM	1	1		20.66		21.2	3.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.18	23.12	23.19	24.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.12	22.96	23.03	24.2	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.05	22.99	23.14	24.2	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.04	23.07	23.05	24.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.11	23.01	23.03	24.2	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.04	23.01	23.11	24.2	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.07	22.97	23.05	24.2	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	23.09	23.01	23.04	24.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.06	23.00	23.08	24.2	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	23.03	23.04	23.07	24.2	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	23.03	23.05	23.08	24.2	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.15	23.29	23.28		
100	PI/2 BPSK	1	137	21.86	22.89	22.83	24.2	0.0
100	PI/2 BPSK	1	271	23.13	23.26	23.24		
100	PI/2 BPSK	135	0	22.52	22.52	22.53	24.2	0.0
100	PI/2 BPSK	135	69	22.92	22.99	22.98	24.2	0.0
100	PI/2 BPSK	135	138	22.56	22.51	22.57	24.2	0.0
100	PI/2 BPSK	270	0	22.57	22.67	22.58		
100	QPSK	1	1	22.90	23.02	22.89		
100	QPSK	1	137	22.75	22.85	22.75	24.2	0.0
100	QPSK	1	271	23.00	23.05	22.98		
100	QPSK	135	0	22.89	22.97	22.84		
100	QPSK	135	69	22.70	22.85	22.78	24.2	0.0
100	QPSK	135	138	22.89	22.96	22.87		
100	QPSK	270	0	22.30	22.44	22.39	24.2	0.0
100	16QAM	1	1	22.23	22.32	22.19	24.2	0.0
100	64QAM	1	1	21.68	21.83	21.67	23.2	1.0
100	256QAM	1	1	20.47	20.54	20.44	21.2	3.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	22.89	22.98	23.03	24.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	22.89	23.02	22.94	24.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	22.93	22.96	22.93	24.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	22.95	22.99	22.92	24.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	22.91	23.02	22.94	24.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	22.91	23.01	22.98	24.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	22.94	22.95	23.00	24.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	22.93	22.94	22.99	24.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	22.89	22.94	23.01	24.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	22.95	23.02	22.96	24.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	22.99	23.00	22.94	24.2	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.82			
100	PI/2 BPSK	1	137		23.53		24.5	0.0
100	PI/2 BPSK	1	271		23.79			
100	PI/2 BPSK	135	0		23.68		24.5	0.0
100	PI/2 BPSK	135	69		23.70		24.5	0.0
100	PI/2 BPSK	135	138		23.61		24.5	0.0
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		23.73			
100	QPSK	1	137		23.55		24.5	0.0
100	QPSK	1	271		23.63			
100	QPSK	135	0		23.45			
100	QPSK	135	69		23.44		24.5	0.0
100	QPSK	135	138		23.50			
100	QPSK	270	0		22.59		24.5	0.0
100	16QAM	1	1		22.48		24.5	0.0
100	64QAM	1	1		21.01		24.5	0.0
100	256QAM	1	1		19.71		22.5	2.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.71	23.69	23.76	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.63	23.57	23.65	24.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.60	23.59	23.62	24.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.56	23.59	23.69	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.56	23.59	23.61	24.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.65	23.56	23.63	24.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.66	23.60	23.66	24.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	23.60	23.54	23.61	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.62	23.60	23.61	24.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	23.55	23.58	23.66	24.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	23.66	23.58	23.65	24.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.78			
100	PI/2 BPSK	1	137		23.42		24.5	0.0
100	PI/2 BPSK	1	271		23.75			
100	PI/2 BPSK	135	0		23.09		24.5	0.0
100	PI/2 BPSK	135	69		23.73		24.5	0.0
100	PI/2 BPSK	135	138		23.14		24.5	0.0
100	PI/2 BPSK	270	0		23.22			
100	QPSK	1	1		23.50			
100	QPSK	1	137		23.41		24.5	0.0
100	QPSK	1	271		23.69			
100	QPSK	135	0		23.47			
100	QPSK	135	69		23.50		24.5	0.0
100	QPSK	135	138		23.54			
100	QPSK	270	0		22.52		24.5	0.0
100	16QAM	1	1		23.60		24.5	0.0
100	64QAM	1	1		22.65		24.5	0.0
100	256QAM	1	1		21.95		22.5	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.49	23.47	23.54	24.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.34	23.33	23.44	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.33	23.34	23.44	24.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.43	23.42	23.44	24.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.33	23.35	23.44	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.37	23.39	23.42	24.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	23.35	23.40	23.42	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	23.36	23.36	23.40	24.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.43	23.33	23.49	24.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	23.34	23.33	23.47	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	23.44	23.33	23.49	24.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.95			
100	PI/2 BPSK	1	137		23.70		25.0	0.0
100	PI/2 BPSK	1	271		23.93			
100	PI/2 BPSK	135	0		23.35		24.5	0.5
100	PI/2 BPSK	135	69		23.68		25.0	0.0
100	PI/2 BPSK	135	138		23.29		24.5	0.5
100	PI/2 BPSK	270	0		23.34			
100	QPSK	1	1		23.84			
100	QPSK	1	137		23.71		25.0	0.0
100	QPSK	1	271		23.90			
100	QPSK	135	0		23.78			
100	QPSK	135	69		23.65		25.0	0.0
100	QPSK	135	138		23.75			
100	QPSK	270	0		22.77		24.0	1.0
100	16QAM	1	1		22.57		24.0	1.0
100	64QAM	1	1		21.10		22.5	2.5
100	256QAM	1	1		19.80		20.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.86	23.84	23.89	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.79	23.74	23.84	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.76	23.73	23.82	25.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.73	23.73	23.82	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.80	23.69	23.83	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.72	23.69	23.83	25.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.74	23.78	23.80	25.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	23.72	23.78	23.76	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.81	23.73	23.80	25.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	23.75	23.69	23.84	25.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	23.81	23.71	23.81	25.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.89			
100	PI/2 BPSK	1	137		23.56		25.0	0.0
100	PI/2 BPSK	1	271		23.88			
100	PI/2 BPSK	135	0		23.16		24.5	0.5
100	PI/2 BPSK	135	69		23.66		25.0	0.0
100	PI/2 BPSK	135	138		23.26		24.5	0.5
100	PI/2 BPSK	270	0		23.27			
100	QPSK	1	1		23.65			
100	QPSK	1	137		23.58		25.0	0.0
100	QPSK	1	271		23.87			
100	QPSK	135	0		23.64			
100	QPSK	135	69		23.65		25.0	0.0
100	QPSK	135	138		23.74			
100	QPSK	270	0		22.70		24.0	1.0
100	16QAM	1	1		22.39		24.0	1.0
100	64QAM	1	1		20.98		22.5	2.5
100	256QAM	1	1		19.61		20.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.67	23.60	23.64	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.60	23.44	23.48	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.52	23.52	23.58	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.54	23.53	23.54	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.57	23.55	23.52	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.62	23.55	23.59	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	23.61	23.44	23.52	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	23.59	23.44	23.49	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.62	23.53	23.58	25.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	23.57	23.54	23.49	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	23.57	23.47	23.50	25.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.58			
100	PI/2 BPSK	1	137		16.45		17.5	0.0
100	PI/2 BPSK	1	271		16.31			
100	PI/2 BPSK	135	0		16.52		17.5	0.0
100	PI/2 BPSK	135	69		16.55		17.5	0.0
100	PI/2 BPSK	135	138		16.36		17.5	0.0
100	PI/2 BPSK	270	0		16.47			
100	QPSK	1	1		16.48			
100	QPSK	1	137		16.46		17.5	0.0
100	QPSK	1	271		16.32			
100	QPSK	135	0		16.55			
100	QPSK	135	69		16.47		17.5	0.0
100	QPSK	135	138		16.36			
100	QPSK	270	0		16.53		17.5	0.0
100	16QAM	1	1		16.23		17.5	0.0
100	64QAM	1	1		16.34		17.5	0.0
100	256QAM	1	1		16.32		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.50	16.52	16.48	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.41	16.40	16.36	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.37	16.38	16.34	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.43	16.43	16.35	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.35	16.40	16.42	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.38	16.36	16.37	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.36	16.40	16.38	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.42	16.46	16.43	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.44	16.39	16.32	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.40	16.39	16.40	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.40	16.39	16.37	17.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.48		17.5	0.0
100	PI/2 BPSK	1	137		16.38			
100	PI/2 BPSK	1	271		16.22			
100	PI/2 BPSK	135	0		16.43		17.5	0.0
100	PI/2 BPSK	135	69		16.45		17.5	0.0
100	PI/2 BPSK	135	138		16.35		17.5	0.0
100	PI/2 BPSK	270	0		16.43			
100	QPSK	1	1		16.27		17.5	0.0
100	QPSK	1	137		16.34			
100	QPSK	1	271		16.18			
100	QPSK	135	0		16.35		17.5	0.0
100	QPSK	135	69		16.36			
100	QPSK	135	138		16.36			
100	QPSK	270	0		16.38		17.5	0.0
100	16QAM	1	1		16.06		17.5	0.0
100	64QAM	1	1		16.07		17.5	0.0
100	256QAM	1	1		16.02		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	16.40	16.42	16.39	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	16.28	16.29	16.34	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	16.30	16.37	16.32	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	16.35	16.30	16.34	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	16.26	16.35	16.33	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	16.27	16.29	16.24	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	16.30	16.29	16.24	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	16.32	16.36	16.28	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	16.28	16.35	16.29	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	16.27	16.26	16.32	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	16.31	16.29	16.33	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.79		25.0	0.0
100	PI/2 BPSK	1	137		23.54			
100	PI/2 BPSK	1	271		23.78			
100	PI/2 BPSK	135	0		23.21		25.0	0.0
100	PI/2 BPSK	135	69		23.54		25.0	0.0
100	PI/2 BPSK	135	138		23.15		25.0	0.0
100	PI/2 BPSK	270	0		23.16			
100	QPSK	1	1		23.75		25.0	0.0
100	QPSK	1	137		23.56			
100	QPSK	1	271		23.70			
100	QPSK	135	0		23.67		25.0	0.0
100	QPSK	135	69		23.51			
100	QPSK	135	138		23.64			
100	QPSK	270	0		22.63		25.0	0.0
100	16QAM	1	1		22.52		25.0	0.0
100	64QAM	1	1		23.10		24.5	0.5
100	256QAM	1	1		21.66		22.5	2.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.72	23.74	23.73	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.59	23.64	23.63	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.65	23.64	23.61	25.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.59	23.58	23.58	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.63	23.64	23.63	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.61	23.60	23.58	25.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.60	23.66	23.66	25.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	23.61	23.61	23.66	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.66	23.63	23.65	25.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	23.56	23.67	23.63	25.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	23.66	23.59	23.60	25.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.69		25.0	0.0
100	PI/2 BPSK	1	137		23.43			
100	PI/2 BPSK	1	271		23.65			
100	PI/2 BPSK	135	0		23.08		25.0	0.0
100	PI/2 BPSK	135	69		23.53		25.0	0.0
100	PI/2 BPSK	135	138		23.14		25.0	0.0
100	PI/2 BPSK	270	0		23.11			
100	QPSK	1	1		23.59		25.0	0.0
100	QPSK	1	137		23.46			
100	QPSK	1	271		23.64			
100	QPSK	135	0		23.63		25.0	0.0
100	QPSK	135	69		23.55			
100	QPSK	135	138		23.50			
100	QPSK	270	0		22.53		25.0	0.0
100	16QAM	1	1		22.33		25.0	0.0
100	64QAM	1	1		22.91		24.5	0.5
100	256QAM	1	1		21.49		22.5	2.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.53	23.54	23.59	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.44	23.38	23.47	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.44	23.47	23.54	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.47	23.39	23.52	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.39	23.43	23.51	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.40	23.42	23.49	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	23.39	23.39	23.48	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	23.40	23.38	23.47	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.37	23.46	23.54	25.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	23.44	23.44	23.50	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	23.45	23.43	23.50	25.0	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.73	24.76	24.74	25.2	0.0
20	PI/2 BPSK	1	53	24.72	24.75	24.73		
20	PI/2 BPSK	1	104	24.67	24.67	24.62		
20	PI/2 BPSK	50	0	23.95	24.07	23.98	25.2	0.0
20	PI/2 BPSK	50	28	24.45	24.58	24.53	25.2	0.0
20	PI/2 BPSK	50	56	23.93	24.01	23.86	25.2	0.0
20	PI/2 BPSK	100	0	23.92	24.07	23.95		
20	QPSK	1	1	24.53	24.58	24.50	25.2	0.0
20	QPSK	1	53	24.43	24.53	24.42		
20	QPSK	1	104	24.38	24.51	24.40		
20	QPSK	50	0	23.48	23.56	23.51	24.7	0.5
20	QPSK	50	28	24.44	24.58	24.49	25.2	0.0
20	QPSK	50	56	23.89	24.04	23.95	24.7	0.5
20	QPSK	100	0	24.02	24.07	23.92		
20	16QAM	1	1	23.81	23.97	23.86	24.7	0.5
20	64QAM	1	1	22.43	22.55	22.39	23.2	2.0
20	256QAM	1	1	20.93	21.03	20.92	21.2	4.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	24.52	24.57	24.49	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	24.50	24.60	24.44	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	24.52	24.58	24.48	25.2	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.04	22.12	22.05	22.7	0.0
20	PI/2 BPSK	1	53	22.02	22.09	22.01		
20	PI/2 BPSK	1	104	21.93	21.98	21.95		
20	PI/2 BPSK	50	0	21.83	21.90	21.85	22.7	0.0
20	PI/2 BPSK	50	28	21.91	21.95	21.93	22.7	0.0
20	PI/2 BPSK	50	56	21.81	21.84	21.82	22.7	0.0
20	PI/2 BPSK	100	0	21.82	21.85	21.83		
20	QPSK	1	1	21.91	21.97	21.93	22.7	0.0
20	QPSK	1	53	21.86	22.04	22.04		
20	QPSK	1	104	21.82	21.92	21.85		
20	QPSK	50	0	21.78	21.84	21.74	22.7	0.0
20	QPSK	50	28	21.77	21.93	21.91	22.7	0.0
20	QPSK	50	56	21.69	21.82	21.80	22.7	0.0
20	QPSK	100	0	21.67	21.81	21.71		
20	16QAM	1	1	21.49	21.64	21.59	22.7	0.0
20	64QAM	1	1	22.11	22.08	22.09	22.7	0.0
20	256QAM	1	1	20.61	20.73	20.66	21.2	1.5
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	21.90	22.07	21.92	22.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.94	22.00	21.97	22.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	21.93	22.03	22.00	22.7	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.38	21.41	21.36	23.0	0.0
50	PI/2 BPSK	1	135	21.26	21.28	21.21		
50	PI/2 BPSK	1	268	21.35	21.24	21.31		
50	PI/2 BPSK	135	0	20.78	20.83	20.67	23.0	0.0
50	PI/2 BPSK	135	68	21.36	21.38	21.21	23.0	0.0
50	PI/2 BPSK	135	135	20.44	20.53	20.42	23.0	0.0
50	PI/2 BPSK	270	0	20.74	20.75	20.66		
50	QPSK	1	1	21.37	21.40	21.35	23.0	0.0
50	QPSK	1	135	21.28	21.34	21.23		
50	QPSK	1	268	21.04	21.11	20.95		
50	QPSK	135	0	20.06	20.21	20.15	23.0	0.0
50	QPSK	135	68	21.13	21.21	21.12	23.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	0.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	0.0
50	64QAM	1	1	19.68	19.78	19.71	21.5	1.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	3.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.31	21.32	21.27	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.36	21.31	21.31	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	20.40	20.56	20.40	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.37	21.15	21.30	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.98	21.11	20.97	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.00	21.19	21.02	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.96	21.03	20.97	23.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.80	19.89	19.82	20.5	0.0
50	PI/2 BPSK	1	135	19.71	19.84	19.76		
50	PI/2 BPSK	1	268	19.62	19.71	19.68		
50	PI/2 BPSK	135	0	19.70	19.80	19.82	20.5	0.0
50	PI/2 BPSK	135	68	19.78	19.88	19.86	20.5	0.0
50	PI/2 BPSK	135	135	19.60	19.84	19.61	20.5	0.0
50	PI/2 BPSK	270	0	19.67	19.89	19.76		
50	QPSK	1	1	19.53	19.73	19.64	20.5	0.0
50	QPSK	1	135	19.66	19.77	19.69		
50	QPSK	1	268	19.40	19.61	19.57		
50	QPSK	135	0	19.69	19.81	19.77	20.5	0.0
50	QPSK	135	68	19.56	19.74	19.65	20.5	0.0
50	QPSK	135	135	19.67	19.86	19.85	20.5	0.0
50	QPSK	270	0	19.63	19.78	19.71		
50	16QAM	1	1	19.30	19.46	19.43	20.5	0.0
50	64QAM	1	1	19.43	19.53	19.42	20.5	0.0
50	256QAM	1	1	18.95	19.12	19.06	20.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.64	19.74	19.68	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	19.75	19.75	19.76	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	19.68	19.76	19.71	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.64	19.83	19.74	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	19.74	19.79	19.70	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.73	19.81	19.77	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.73	19.77	19.69	20.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.98	17.12	16.92	17.7	0.0
50	PI/2 BPSK	1	135	16.95	17.01	16.90		
50	PI/2 BPSK	1	268	16.94	16.96	16.88		
50	PI/2 BPSK	135	0	16.83	16.85	16.81	17.7	0.0
50	PI/2 BPSK	135	68	17.02	17.07	16.98	17.7	0.0
50	PI/2 BPSK	135	135	17.00	17.05	16.90	17.7	0.0
50	PI/2 BPSK	270	0	17.03	17.11	16.92		
50	QPSK	1	1	16.77	16.77	16.63	17.7	0.0
50	QPSK	1	135	16.53	16.59	16.40		
50	QPSK	1	268	16.67	16.75	16.54		
50	QPSK	135	0	16.81	16.86	16.73	17.7	0.0
50	QPSK	135	68	16.95	16.96	16.82	17.7	0.0
50	QPSK	135	135	16.92	17.03	16.82	17.7	0.0
50	QPSK	270	0	16.98	17.02	16.90		
50	16QAM	1	1	16.64	16.66	16.55	17.7	0.0
50	64QAM	1	1	16.27	16.38	16.21	17.7	0.0
50	256QAM	1	1	16.78	16.81	16.70	17.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.82	16.97	16.77	17.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	16.93	16.97	16.83	17.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	16.88	17.07	16.78	17.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.83	17.07	16.78	17.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	16.92	17.05	16.80	17.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	16.91	16.96	16.77	17.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	16.82	16.99	16.84	17.7	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.90	15.01	14.95	16.0	0.0
50	PI/2 BPSK	1	135	14.85	14.92	14.89		
50	PI/2 BPSK	1	268	14.89	14.91	14.90		
50	PI/2 BPSK	135	0	14.80	14.88	14.85	16.0	0.0
50	PI/2 BPSK	135	68	14.85	14.98	14.90	16.0	0.0
50	PI/2 BPSK	135	135	14.84	14.96	14.87	16.0	0.0
50	PI/2 BPSK	270	0	14.82	14.95	14.93		
50	QPSK	1	1	14.64	14.82	14.74	16.0	0.0
50	QPSK	1	135	14.49	14.67	14.66		
50	QPSK	1	268	14.63	14.79	14.79		
50	QPSK	135	0	14.61	14.78	14.76	16.0	0.0
50	QPSK	135	68	14.76	14.92	14.83	16.0	0.0
50	QPSK	135	135	14.85	14.99	14.93	16.0	0.0
50	QPSK	270	0	14.78	14.94	14.85		
50	16QAM	1	1	14.63	14.77	14.72	16.0	0.0
50	64QAM	1	1	14.32	14.46	14.45	16.0	0.0
50	256QAM	1	1	14.72	14.92	14.91	16.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.75	14.93	14.87	16.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	14.85	14.93	14.84	16.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	14.77	14.86	14.86	16.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.84	14.89	14.90	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	14.83	14.89	14.90	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	14.80	14.96	14.89	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	14.78	14.94	14.85	16.0	0.0

For DFT-30

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.75	20.76	20.74	22.0	0.0
40	PI/2 BPSK	1	53	20.72	20.73	20.68		
40	PI/2 BPSK	1	104	20.54	20.56	20.52		
40	PI/2 BPSK	50	0	20.62	20.66	20.57	22.0	0.0
40	PI/2 BPSK	50	28	20.63	20.70	20.59	22.0	0.0
40	PI/2 BPSK	50	56	20.52	20.53	20.47	22.0	0.0
40	PI/2 BPSK	100	0	20.58	20.61	20.52		
40	QPSK	1	1	20.62	20.72	20.53	22.0	0.0
40	QPSK	1	53	20.54	20.58	20.37		
40	QPSK	1	104	20.44	20.52	20.40		
40	QPSK	50	0	20.51	20.56	20.44	22.0	0.0
40	QPSK	50	28	20.59	20.61	20.40		
40	QPSK	50	56	20.46	20.48	20.27		
40	QPSK	100	0	20.54	20.58	20.38	22.0	0.0
40	16QAM	1	1	20.41	20.47	20.33	22.0	0.0
40	64QAM	1	1	19.97	20.06	19.95	21.5	0.5
40	256QAM	1	1	18.64	18.75	18.54	19.5	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	20.59	20.62	20.65	22.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	20.66	20.68	20.59	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	20.69	20.68	20.62	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	20.66	20.63	20.62	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	20.60	20.70	20.68	22.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.90	19.92	19.91	20.5	0.0
40	PI/2 BPSK	1	53	19.85	19.87	19.84		
40	PI/2 BPSK	1	104	19.70	19.75	19.72		
40	PI/2 BPSK	50	0	19.68	19.72	19.71	20.5	0.0
40	PI/2 BPSK	50	28	19.70	19.79	19.73	20.5	0.0
40	PI/2 BPSK	50	56	19.60	19.69	19.63	20.5	0.0
40	PI/2 BPSK	100	0	19.67	19.73	19.72		
40	QPSK	1	1	19.73	19.88	19.78	20.5	0.0
40	QPSK	1	53	19.66	19.82	19.74		
40	QPSK	1	104	19.55	19.68	19.68		
40	QPSK	50	0	19.49	19.62	19.56	20.5	0.0
40	QPSK	50	28	19.55	19.71	19.65		
40	QPSK	50	56	19.44	19.59	19.59		
40	QPSK	100	0	19.58	19.68	19.66	20.5	0.0
40	16QAM	1	1	19.33	19.54	19.52	20.5	0.0
40	64QAM	1	1	19.48	19.62	19.54	20.5	0.0
40	256QAM	1	1	19.58	19.74	19.72	20.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	19.81	19.81	19.76	20.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	19.76	19.86	19.78	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	19.82	19.76	19.76	20.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	19.76	19.87	19.83	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	19.84	19.76	19.75	20.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.54	18.65	18.57	18.7	0.0
40	PI/2 BPSK	1	53	18.52	18.61	18.53		
40	PI/2 BPSK	1	104	18.50	18.63	18.50		
40	PI/2 BPSK	50	0	18.42	18.48	18.47	18.7	0.0
40	PI/2 BPSK	50	28	18.54	18.60	18.57	18.7	0.0
40	PI/2 BPSK	50	56	18.45	18.49	18.47	18.7	0.0
40	PI/2 BPSK	100	0	18.46	18.49	18.47		
40	QPSK	1	1	18.41	18.53	18.44	18.7	0.0
40	QPSK	1	53	18.39	18.55	18.53		
40	QPSK	1	104	18.32	18.52	18.50		
40	QPSK	50	0	18.36	18.46	18.37	18.7	0.0
40	QPSK	50	28	18.37	18.56	18.52		
40	QPSK	50	56	18.33	18.45	18.38		
40	QPSK	100	0	18.24	18.44	18.36	18.7	0.0
40	16QAM	1	1	18.16	18.31	18.25	18.7	0.0
40	64QAM	1	1	18.17	18.35	18.27	18.7	0.0
40	256QAM	1	1	18.26	18.39	18.35	18.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	18.42	18.54	18.48	18.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	18.42	18.49	18.47	18.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	18.45	18.53	18.52	18.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	18.45	18.55	18.50	18.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	18.40	18.52	18.46	18.7	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.85	15.06	14.92	16.0	0.0
40	PI/2 BPSK	1	53	14.78	14.90	14.82		
40	PI/2 BPSK	1	104	14.76	14.85	14.79		
40	PI/2 BPSK	50	0	14.78	14.83	14.81	16.0	0.0
40	PI/2 BPSK	50	28	14.79	14.85	14.82	16.0	0.0
40	PI/2 BPSK	50	56	14.69	14.74	14.71	16.0	0.0
40	PI/2 BPSK	100	0	14.74	14.77	14.75		
40	QPSK	1	1	14.73	14.81	14.67	16.0	0.0
40	QPSK	1	53	14.77	14.88	14.78		
40	QPSK	1	104	14.63	14.69	14.60		
40	QPSK	50	0	14.67	14.79	14.65	16.0	0.0
40	QPSK	50	28	14.63	14.77	14.64		
40	QPSK	50	56	14.64	14.72	14.59		
40	QPSK	100	0	14.70	14.77	14.71	16.0	0.0
40	16QAM	1	1	14.58	14.73	14.63	16.0	0.0
40	64QAM	1	1	14.32	14.44	14.28	16.0	0.0
40	256QAM	1	1	14.81	14.92	14.77	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	14.73	15.00	14.77	16.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	14.74	14.97	14.79	16.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	14.80	14.94	14.83	16.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	14.79	14.94	14.79	16.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	14.74	14.92	14.87	16.0	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.53	20.69	20.65	21.5	0.0
100	PI/2 BPSK	1	137	20.31	20.48	20.34		
100	PI/2 BPSK	1	271	20.48	20.52	20.50		
100	PI/2 BPSK	135	0	20.50	20.67	20.53	21.5	0.0
100	PI/2 BPSK	135	69	20.55	20.68	20.58	21.5	0.0
100	PI/2 BPSK	135	138	20.31	20.42	20.32	21.5	0.0
100	PI/2 BPSK	270	0	20.42	20.56	20.48		
100	QPSK	1	1	20.45	20.58	20.50	21.5	0.0
100	QPSK	1	137	20.40	20.53	20.48		
100	QPSK	1	271	19.96	20.12	20.12		
100	QPSK	135	0	20.43	20.60	20.54	21.5	0.0
100	QPSK	135	69	20.43	20.57	20.57		
100	QPSK	135	138	20.23	20.37	20.29		
100	QPSK	270	0	20.31	20.48	20.46	21.5	0.0
100	16QAM	1	1	20.16	20.34	20.25	21.5	0.0
100	64QAM	1	1	19.64	19.81	19.70	21.5	0.0
100	256QAM	1	1	19.38	19.48	19.48	20.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	20.39	20.58	20.58	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	20.38	20.61	20.58	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	20.41	20.57	20.49	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	20.39	20.60	20.56	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	20.45	20.62	20.60	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	20.43	20.58	20.60	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	20.37	20.59	20.55	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	20.40	20.63	20.60	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	20.39	20.59	20.50	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	20.40	20.60	20.58	21.5	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.41	19.53	19.43	20.0	0.0
100	PI/2 BPSK	1	137	19.40	19.46	19.41		
100	PI/2 BPSK	1	271	19.38	19.45	19.40		
100	PI/2 BPSK	135	0	19.41	19.51	19.45	20.0	0.0
100	PI/2 BPSK	135	69	19.43	19.52	19.46	20.0	0.0
100	PI/2 BPSK	135	138	19.41	19.48	19.43	20.0	0.0
100	PI/2 BPSK	270	0	19.44	19.50	19.45		
100	QPSK	1	1	19.30	19.51	19.48	20.0	0.0
100	QPSK	1	137	19.26	19.38	19.38		
100	QPSK	1	271	19.08	19.18	19.18		
100	QPSK	135	0	19.25	19.46	19.41	20.0	0.0
100	QPSK	135	69	19.26	19.42	19.33		
100	QPSK	135	138	19.09	19.25	19.23		
100	QPSK	270	0	19.25	19.45	19.43	20.0	0.0
100	16QAM	1	1	19.13	19.34	19.33	20.0	0.0
100	64QAM	1	1	19.12	19.33	19.33	20.0	0.0
100	256QAM	1	1	19.04	19.25	19.17	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	19.35	19.39	19.35	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	19.31	19.37	19.32	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	19.34	19.39	19.28	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	19.27	19.41	19.34	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	19.33	19.44	19.27	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	19.25	19.42	19.38	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	19.28	19.47	19.33	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	19.35	19.40	19.28	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	1	19.30	19.40	19.35	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	1	19.36	19.39	19.35	20.0	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.95	18.03	17.87		
100	PI/2 BPSK	1	137	17.90	17.94	17.85	18.2	0.0
100	PI/2 BPSK	1	271	17.88	17.90	17.86		
100	PI/2 BPSK	135	0	17.82	17.84	17.80	18.2	0.0
100	PI/2 BPSK	135	69	17.92	17.99	17.89	18.2	0.0
100	PI/2 BPSK	135	138	17.91	17.95	17.86	18.2	0.0
100	PI/2 BPSK	270	0	17.82	17.84	17.80		
100	QPSK	1	1	17.62	17.70	17.60		
100	QPSK	1	137	17.94	17.97	17.77	18.2	0.0
100	QPSK	1	271	17.73	17.84	17.64		
100	QPSK	135	0	17.72	17.82	17.72		
100	QPSK	135	69	17.83	17.91	17.80	18.2	0.0
100	QPSK	135	138	17.73	17.76	17.58		
100	QPSK	270	0	17.79	17.81	17.66	18.2	0.0
100	16QAM	1	1	17.41	17.41	17.31	18.2	0.0
100	64QAM	1	1	17.41	17.46	17.26	18.2	0.0
100	256QAM	1	1	18.01	18.02	17.89	18.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	PI/2 BPSK	1	1	17.85	17.96	17.70	18.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	PI/2 BPSK	1	1	17.87	17.92	17.71	18.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	PI/2 BPSK	1	1	17.86	17.91	17.80	18.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	PI/2 BPSK	1	1	17.87	17.93	17.79	18.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	PI/2 BPSK	1	1	17.83	17.87	17.74	18.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	PI/2 BPSK	1	1	17.83	17.95	17.72	18.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	PI/2 BPSK	1	1	17.81	17.88	17.73	18.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	PI/2 BPSK	1	1	17.83	17.95	17.78	18.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	PI/2 BPSK	1	1	17.88	17.94	17.71	18.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	PI/2 BPSK	1	1	17.82	17.89	17.74	18.2	0.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.17	15.19	15.12		
100	PI/2 BPSK	1	137	15.09	15.15	15.11	16.0	0.0
100	PI/2 BPSK	1	271	15.08	15.13	15.10		
100	PI/2 BPSK	135	0	15.02	15.12	15.08	16.0	0.0
100	PI/2 BPSK	135	69	15.10	15.14	15.12	16.0	0.0
100	PI/2 BPSK	135	138	15.00	15.06	15.02	16.0	0.0
100	PI/2 BPSK	270	0	15.05	15.12	15.10		
100	QPSK	1	1	14.73	14.93	14.93		
100	QPSK	1	137	15.00	15.16	15.07	16.0	0.0
100	QPSK	1	271	14.74	14.94	14.93		
100	QPSK	135	0	14.97	15.13	15.08		
100	QPSK	135	69	15.00	15.15	15.10	16.0	0.0
100	QPSK	135	138	14.83	15.02	14.99		
100	QPSK	270	0	14.99	15.16	15.11	16.0	0.0
100	16QAM	1	1	14.64	14.84	14.83	16.0	0.0
100	64QAM	1	1	14.41	14.52	14.46	16.0	0.0
100	256QAM	1	1	14.79	14.97	14.89	16.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	PI/2 BPSK	1	1	15.00	15.03	15.00	16.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	PI/2 BPSK	1	1	14.98	15.14	15.06	16.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	PI/2 BPSK	1	1	14.96	15.03	15.05	16.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	PI/2 BPSK	1	1	14.99	15.10	14.97	16.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	PI/2 BPSK	1	1	14.95	15.06	15.05	16.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	PI/2 BPSK	1	1	15.00	15.06	15.07	16.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	PI/2 BPSK	1	1	14.97	15.13	15.02	16.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	PI/2 BPSK	1	1	14.98	15.11	15.01	16.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	PI/2 BPSK	1	1	14.98	15.05	15.04	16.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	PI/2 BPSK	1	1	14.99	15.13	15.06	16.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.99			
100	PI/2 BPSK	1	137		15.96		16.2	0.0
100	PI/2 BPSK	1	271		15.72			
100	PI/2 BPSK	135	0		15.93		16.2	0.0
100	PI/2 BPSK	135	69		15.95		16.2	0.0
100	PI/2 BPSK	135	138		15.81		16.2	0.0
100	PI/2 BPSK	270	0		15.98			
100	QPSK	1	1		15.87			
100	QPSK	1	137		15.97		16.2	0.0
100	QPSK	1	271		15.69			
100	QPSK	135	0		15.96			
100	QPSK	135	69		15.93		16.2	0.0
100	QPSK	135	138		15.80			
100	QPSK	270	0		15.91		16.2	0.0
100	16QAM	1	1		15.68		16.2	0.0
100	64QAM	1	1		15.66		16.2	0.0
100	256QAM	1	1		15.70		16.2	0.0
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	PI/2 BPSK	1	1	15.75	15.82	15.73	16.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	PI/2 BPSK	1	1	15.66	15.77	15.61	16.2	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	PI/2 BPSK	1	1	15.61	15.76	15.59	16.2	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	PI/2 BPSK	1	1	15.65	15.66	15.58	16.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	PI/2 BPSK	1	1	15.67	15.66	15.62	16.2	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	PI/2 BPSK	1	1	15.70	15.74	15.59	16.2	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	PI/2 BPSK	1	1	15.64	15.66	15.58	16.2	0.0
Channel				630834	633334	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3500.01	3537.48	(dBm)	(dB)
25	PI/2 BPSK	1	1	15.70	15.72	15.68	16.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	PI/2 BPSK	1	1	15.59	15.67	15.68	16.2	0.0
Channel				630502	633334	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.49	(dBm)	(dB)
15	PI/2 BPSK	1	1	15.66	15.70	15.66	16.2	0.0
Channel				630334	633334	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3544.98	(dBm)	(dB)
10	PI/2 BPSK	1	1	15.60	15.71	15.61	16.2	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.79	15.85	15.82		
100	PI/2 BPSK	1	137	15.73	15.84	15.75	16.2	0.0
100	PI/2 BPSK	1	271	15.65	15.71	15.68		
100	PI/2 BPSK	135	0	15.70	15.72	15.71	16.2	0.0
100	PI/2 BPSK	135	69	15.79	15.84	15.72	16.2	0.0
100	PI/2 BPSK	135	138	15.68	15.82	15.70	16.2	0.0
100	PI/2 BPSK	270	0	15.66	15.83	15.68		
100	QPSK	1	1	15.63	15.82	15.76	16.2	0.0
100	QPSK	1	137	15.68	15.80	15.79		
100	QPSK	1	271	15.49	15.64	15.56		
100	QPSK	135	0	15.63	15.82	15.77	16.2	0.0
100	QPSK	135	69	15.59	15.75	15.72		
100	QPSK	135	138	15.60	15.81	15.81		
100	QPSK	270	0	15.64	15.83	15.74	16.2	0.0
100	16QAM	1	1	15.43	15.53	15.42	16.2	0.0
100	64QAM	1	1	15.38	15.54	15.45	16.2	0.0
100	256QAM	1	1	15.54	15.73	15.73	16.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	PI/2 BPSK	1	1	15.63	15.76	15.72	16.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	PI/2 BPSK	1	1	15.65	15.74	15.66	16.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	PI/2 BPSK	1	1	15.63	15.72	15.68	16.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	PI/2 BPSK	1	1	15.72	15.77	15.75	16.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	PI/2 BPSK	1	1	15.74	15.77	15.67	16.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	PI/2 BPSK	1	1	15.66	15.71	15.69	16.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	PI/2 BPSK	1	1	15.73	15.71	15.68	16.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	PI/2 BPSK	1	1	15.68	15.71	15.75	16.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	PI/2 BPSK	1	1	15.66	15.70	15.71	16.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	PI/2 BPSK	1	1	15.68	15.77	15.66	16.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	PI/2 BPSK	1	1	15.65	15.76	15.70	16.2	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.23			
100	PI/2 BPSK	1	137		16.21		17.5	0.0
100	PI/2 BPSK	1	271		15.97			
100	PI/2 BPSK	135	0		16.12		17.5	0.0
100	PI/2 BPSK	135	69		16.15		17.5	0.0
100	PI/2 BPSK	135	138		16.08		17.5	0.0
100	PI/2 BPSK	270	0		16.10			
100	QPSK	1	1		16.13		17.5	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		15.97			
100	QPSK	135	0		16.08		17.5	0.0
100	QPSK	135	69		16.16			
100	QPSK	135	138		16.08			
100	QPSK	270	0		16.14		17.5	0.0
100	16QAM	1	1		15.88		17.5	0.0
100	64QAM	1	1		15.92		17.5	0.0
100	256QAM	1	1		16.02		17.5	0.0
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	PI/2 BPSK	1	1	16.18	16.22	16.13	17.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	PI/2 BPSK	1	1	16.13	16.17	16.01	17.5	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	PI/2 BPSK	1	1	16.08	16.15	16.04	17.5	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	PI/2 BPSK	1	1	16.05	16.08	15.98	17.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	PI/2 BPSK	1	1	16.12	16.15	16.02	17.5	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	PI/2 BPSK	1	1	16.13	16.15	16.01	17.5	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	PI/2 BPSK	1	1	16.03	16.06	16.04	17.5	0.0
Channel				630834	633334	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3500.01	3537.48	(dBm)	(dB)
25	PI/2 BPSK	1	1	16.02	16.10	16.07	17.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	PI/2 BPSK	1	1	16.03	16.06	16.07	17.5	0.0
Channel				630500	633334	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.49	(dBm)	(dB)
15	PI/2 BPSK	1	1	16.06	16.13	16.01	17.5	0.0
Channel				630334	633334	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3544.98	(dBm)	(dB)
10	PI/2 BPSK	1	1	16.05	16.07	16.04	17.5	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.05	16.13	16.10		
100	PI/2 BPSK	1	137	15.95	16.05	15.99	17.5	0.0
100	PI/2 BPSK	1	271	15.90	15.98	15.92		
100	PI/2 BPSK	135	0	15.90	16.06	15.97	17.5	0.0
100	PI/2 BPSK	135	69	16.02	16.10	16.08	17.5	0.0
100	PI/2 BPSK	135	138	15.98	16.02	16.01	17.5	0.0
100	PI/2 BPSK	270	0	15.99	16.11	16.01		
100	QPSK	1	1	15.85	15.96	15.91	17.5	0.0
100	QPSK	1	137	15.87	16.03	16.02		
100	QPSK	1	271	15.74	15.94	15.90		
100	QPSK	135	0	15.89	16.05	16.02	17.5	0.0
100	QPSK	135	69	15.92	16.08	15.99		
100	QPSK	135	138	15.86	16.04	16.02		
100	QPSK	270	0	15.95	16.08	16.08	17.5	0.0
100	16QAM	1	1	15.61	15.77	15.75	17.5	0.0
100	64QAM	1	1	15.69	15.81	15.81	17.5	0.0
100	256QAM	1	1	15.88	16.09	16.07	17.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	PI/2 BPSK	1	1	15.99	15.97	16.02	17.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	PI/2 BPSK	1	1	15.92	16.06	16.05	17.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	PI/2 BPSK	1	1	15.92	16.06	15.99	17.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	PI/2 BPSK	1	1	15.89	16.02	16.05	17.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	PI/2 BPSK	1	1	15.97	16.00	16.02	17.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	PI/2 BPSK	1	1	15.94	16.07	16.02	17.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	PI/2 BPSK	1	1	16.00	15.99	15.95	17.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	PI/2 BPSK	1	1	15.94	16.01	16.01	17.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	PI/2 BPSK	1	1	15.95	16.01	15.99	17.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	PI/2 BPSK	1	1	15.94	16.00	16.01	17.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	PI/2 BPSK	1	1	15.89	15.99	15.94	17.5	0.0

Par

BW [MHz]	Modulation	RB Size
Channel		
Frequency (MHz)		
100	PI/2 BPSK	1
100	PI/2 BPSK	1
100	PI/2 BPSK	1
100	PI/2 BPSK	135
100	PI/2 BPSK	135
100	PI/2 BPSK	135
100	PI/2 BPSK	270
100	QPSK	1
100	QPSK	1
100	QPSK	1
100	QPSK	135
100	QPSK	135
100	QPSK	135
100	QPSK	270
100	16QAM	1
100	64QAM	1
100	256QAM	1
Channel		
Frequency (MHz)		
90	PI/2 BPSK	1
Channel		
Frequency (MHz)		
80	PI/2 BPSK	1
Channel		
Frequency (MHz)		
70	PI/2 BPSK	1
Channel		
Frequency (MHz)		
60	PI/2 BPSK	1
Channel		
Frequency (MHz)		
50	PI/2 BPSK	1
Channel		
Frequency (MHz)		
40	PI/2 BPSK	1
Channel		
Frequency (MHz)		
30	PI/2 BPSK	1
Channel		
Frequency (MHz)		
25	PI/2 BPSK	1
Channel		
Frequency (MHz)		
20	PI/2 BPSK	1
Channel		
Frequency (MHz)		
15	PI/2 BPSK	1
Channel		
Frequency (MHz)		
10	PI/2 BPSK	1

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RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		633334			
		3500.01			
1		14.36		15.5	0.0
137		14.27			
271		14.22			
0		14.25		15.5	0.0
69		14.33		15.5	0.0
138		14.18		15.5	0.0
0		14.26			
1		14.28		15.5	0.0
137		14.25			
271		14.01			
0		14.28		15.5	0.0
69		14.25			
138		14.09			
0		14.23		15.5	0.0
1		14.05		15.5	0.0
1		14.04		15.5	0.0
1		14.30		15.5	0.0
	633000	633334	633666	Tune-up limit	MPR
	3495	3500.01	3504.99	(dBm)	(dB)
1	14.32	14.35	14.33	15.5	0.0
	632668	633334	634000	Tune-up limit	MPR
	3490.02	3500.01	3510	(dBm)	(dB)
1	14.16	14.30	14.22	15.5	0.0
	632334	633334	634332	Tune-up limit	MPR
	3485.01	3500.01	3514.98	(dBm)	(dB)
1	14.26	14.19	14.18	15.5	0.0
	632000	633334	634666	Tune-up limit	MPR
	3480	3500.01	3519.99	(dBm)	(dB)
1	14.17	14.19	14.20	15.5	0.0
	631668	633334	635000	Tune-up limit	MPR
	3475.02	3500.01	3525	(dBm)	(dB)
1	14.16	14.22	14.24	15.5	0.0
	631334	633334	635332	Tune-up limit	MPR
	3470.01	3500.01	3529.98	(dBm)	(dB)
1	14.24	14.21	14.20	15.5	0.0
	631000	633334	635666	Tune-up limit	MPR
	3465	3500.01	3534.99	(dBm)	(dB)
1	14.16	14.28	14.22	15.5	0.0
	630834	633334	635832	Tune-up limit	MPR
	3462.51	3500.01	3537.48	(dBm)	(dB)
1	14.17	14.28	14.26	15.5	0.0
	630668	633334	636000	Tune-up limit	MPR
	3460.02	3500.01	3540	(dBm)	(dB)
1	14.24	14.28	14.25	15.5	0.0
	630500	633334	636168	Tune-up limit	MPR
	3457.5	3500.01	3542.49	(dBm)	(dB)
1	14.23	14.30	14.22	15.5	0.0
	630334	633334	636332	Tune-up limit	MPR
	3455.01	3500.01	3544.98	(dBm)	(dB)
1	14.27	14.29	14.26	15.5	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.95	14.04	13.91		
100	PI/2 BPSK	1	137	13.92	14.00	13.88	15.5	0.0
100	PI/2 BPSK	1	271	13.92	13.98	13.90		
100	PI/2 BPSK	135	0	13.90	13.92	13.88	15.5	0.0
100	PI/2 BPSK	135	69	13.93	14.02	13.91	15.5	0.0
100	PI/2 BPSK	135	138	13.92	13.96	13.90	15.5	0.0
100	PI/2 BPSK	270	0	13.95	14.01	13.92		
100	QPSK	1	1	13.99	14.01	13.87		
100	QPSK	1	137	13.98	14.03	13.83	15.5	0.0
100	QPSK	1	271	13.68	13.73	13.61		
100	QPSK	135	0	13.91	14.02	13.88		
100	QPSK	135	69	13.95	14.00	13.84	15.5	0.0
100	QPSK	135	138	13.95	13.99	13.79		
100	QPSK	270	0	13.96	14.02	13.82	15.5	0.0
100	16QAM	1	1	13.67	13.77	13.59	15.5	0.0
100	64QAM	1	1	13.72	13.81	13.67	15.5	0.0
100	256QAM	1	1	13.91	13.99	13.83	15.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	PI/2 BPSK	1	1	13.80	13.95	13.84	15.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	PI/2 BPSK	1	1	13.89	13.93	13.83	15.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	PI/2 BPSK	1	1	13.83	13.93	13.84	15.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	PI/2 BPSK	1	1	13.81	13.96	13.74	15.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	PI/2 BPSK	1	1	13.88	13.90	13.83	15.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	PI/2 BPSK	1	1	13.89	13.94	13.85	15.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	PI/2 BPSK	1	1	13.86	13.89	13.75	15.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	PI/2 BPSK	1	1	13.86	13.90	13.84	15.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	PI/2 BPSK	1	1	13.88	13.96	13.77	15.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	PI/2 BPSK	1	1	13.82	13.93	13.78	15.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	PI/2 BPSK	1	1	13.82	13.89	13.84	15.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.47			
100	PI/2 BPSK	1	137		15.42		16.2	0.0
100	PI/2 BPSK	1	271		15.14			
100	PI/2 BPSK	135	0		15.42		16.2	0.0
100	PI/2 BPSK	135	69		15.43		16.2	0.0
100	PI/2 BPSK	135	138		15.23		16.2	0.0
100	PI/2 BPSK	270	0		15.21			
100	QPSK	1	1		15.37		16.2	0.0
100	QPSK	1	137		15.45			
100	QPSK	1	271		15.14			
100	QPSK	135	0		15.42		16.2	0.0
100	QPSK	135	69		15.37			
100	QPSK	135	138		15.22			
100	QPSK	270	0		15.34		16.2	0.0
100	16QAM	1	1		15.17		16.2	0.0
100	64QAM	1	1		15.23		16.2	0.0
100	256QAM	1	1		15.20		16.2	0.0
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	PI/2 BPSK	1	1	15.40	15.43	15.39	16.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	PI/2 BPSK	1	1	15.33	15.29	15.34	16.2	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	PI/2 BPSK	1	1	15.28	15.32	15.31	16.2	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	PI/2 BPSK	1	1	15.31	15.36	15.31	16.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	PI/2 BPSK	1	1	15.25	15.38	15.31	16.2	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	PI/2 BPSK	1	1	15.32	15.32	15.32	16.2	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	PI/2 BPSK	1	1	15.33	15.34	15.27	16.2	0.0
Channel				630834	633334	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3500.01	3537.48	(dBm)	(dB)
25	PI/2 BPSK	1	1	15.27	15.38	15.26	16.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	PI/2 BPSK	1	1	15.34	15.30	15.28	16.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.49	(dBm)	(dB)
15	PI/2 BPSK	1	1	15.32	15.38	15.34	16.2	0.0
Channel				630334	633334	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3544.98	(dBm)	(dB)
10	PI/2 BPSK	1	1	15.25	15.38	15.34	16.2	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.12	15.21	15.18	16.2	0.0
100	PI/2 BPSK	1	137	15.05	15.13	15.10		
100	PI/2 BPSK	1	271	15.01	15.12	15.08		
100	PI/2 BPSK	135	0	15.00	15.08	15.02	16.2	0.0
100	PI/2 BPSK	135	69	15.08	15.13	15.10	16.2	0.0
100	PI/2 BPSK	135	138	14.95	15.10	15.00	16.2	0.0
100	PI/2 BPSK	270	0	14.98	15.07	15.01		
100	QPSK	1	1	14.96	15.08	14.98	16.2	0.0
100	QPSK	1	137	14.97	15.07	15.04		
100	QPSK	1	271	14.82	14.96	14.89		
100	QPSK	135	0	14.93	15.08	15.08	16.2	0.0
100	QPSK	135	69	14.99	15.16	15.10		
100	QPSK	135	138	14.89	15.07	14.97		
100	QPSK	270	0	14.93	15.14	15.09	16.2	0.0
100	16QAM	1	1	14.66	14.86	14.81	16.2	0.0
100	64QAM	1	1	14.69	14.89	14.79	16.2	0.0
100	256QAM	1	1	14.68	14.82	14.79	16.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	15.06	15.13	15.11	16.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	15.05	15.09	15.04	16.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	15.02	15.05	15.07	16.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	15.05	15.16	15.07	16.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	15.01	15.14	15.09	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.01	15.14	15.02	16.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	14.99	15.14	15.02	16.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	PI/2 BPSK	1	1	15.03	15.14	15.09	16.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	15.01	15.07	15.07	16.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	PI/2 BPSK	1	1	15.06	15.14	15.05	16.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	PI/2 BPSK	1	1	15.05	15.05	15.06	16.2	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.48		16.0	0.0
100	PI/2 BPSK	1	137		15.33			
100	PI/2 BPSK	1	271		15.16			
100	PI/2 BPSK	135	0		15.44		16.0	0.0
100	PI/2 BPSK	135	69		15.46		16.0	0.0
100	PI/2 BPSK	135	138		15.24		16.0	0.0
100	PI/2 BPSK	270	0		15.39			
100	QPSK	1	1		15.11		16.0	0.0
100	QPSK	1	137		15.06			
100	QPSK	1	271		15.14			
100	QPSK	135	0		15.42		16.0	0.0
100	QPSK	135	69		15.37			
100	QPSK	135	138		15.22			
100	QPSK	270	0		15.32		16.0	0.0
100	16QAM	1	1		15.09		16.0	0.0
100	64QAM	1	1		15.13		16.0	0.0
100	256QAM	1	1		15.45		16.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	15.40	15.42	15.35	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	15.34	15.28	15.20	16.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	15.29	15.34	15.28	16.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	15.25	15.35	15.22	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	15.26	15.27	15.23	16.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	15.32	15.29	15.28	16.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	15.34	15.30	15.24	16.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	15.32	15.35	15.23	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	15.27	15.31	15.21	16.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	15.30	15.35	15.21	16.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	15.29	15.31	15.20	16.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.18		16.0	0.0
100	PI/2 BPSK	1	137		15.11			
100	PI/2 BPSK	1	271		15.04			
100	PI/2 BPSK	135	0		15.13		16.0	0.0
100	PI/2 BPSK	135	69		15.14		16.0	0.0
100	PI/2 BPSK	135	138		15.11		16.0	0.0
100	PI/2 BPSK	270	0		15.12			
100	QPSK	1	1		14.95		16.0	0.0
100	QPSK	1	137		15.13			
100	QPSK	1	271		15.03			
100	QPSK	135	0		15.14		16.0	0.0
100	QPSK	135	69		15.15			
100	QPSK	135	138		15.09			
100	QPSK	270	0		15.13		16.0	0.0
100	16QAM	1	1		14.80		16.0	0.0
100	64QAM	1	1		14.78		16.0	0.0
100	256QAM	1	1		14.85		16.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.10	15.12	15.05	16.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.04	14.96	14.95	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	14.96	14.97	14.99	16.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	14.98	15.07	14.91	16.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.00	15.07	14.97	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.03	14.98	14.98	16.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	14.99	15.02	14.92	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	14.99	15.01	14.90	16.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	14.94	14.97	14.97	16.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	14.97	14.99	14.92	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	14.98	15.00	14.93	16.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.63		17.5	0.0
100	PI/2 BPSK	1	137		16.48			
100	PI/2 BPSK	1	271		16.38			
100	PI/2 BPSK	135	0		16.52		17.5	0.0
100	PI/2 BPSK	135	69		16.56		17.5	0.0
100	PI/2 BPSK	135	138		16.43		17.5	0.0
100	PI/2 BPSK	270	0		16.59			
100	QPSK	1	1		16.53		17.5	0.0
100	QPSK	1	137		16.52			
100	QPSK	1	271		16.39			
100	QPSK	135	0		16.30		17.5	0.0
100	QPSK	135	69		16.58			
100	QPSK	135	138		16.47			
100	QPSK	270	0		16.58		17.5	0.0
100	16QAM	1	1		16.28		17.5	0.0
100	64QAM	1	1		16.33		17.5	0.0
100	256QAM	1	1		16.23		17.5	0.0
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	PI/2 BPSK	1	1	16.58	16.60	16.52	17.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	PI/2 BPSK	1	1	16.52	16.55	16.39	17.5	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	PI/2 BPSK	1	1	16.50	16.52	16.47	17.5	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	PI/2 BPSK	1	1	16.53	16.52	16.38	17.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	PI/2 BPSK	1	1	16.46	16.51	16.38	17.5	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	PI/2 BPSK	1	1	16.46	16.52	16.39	17.5	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	PI/2 BPSK	1	1	16.52	16.50	16.44	17.5	0.0
Channel				630834	633334	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3500.01	3537.48	(dBm)	(dB)
25	PI/2 BPSK	1	1	16.43	16.51	16.44	17.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	PI/2 BPSK	1	1	16.49	16.52	16.38	17.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.49	(dBm)	(dB)
15	PI/2 BPSK	1	1	16.52	16.55	16.46	17.5	0.0
Channel				630334	633334	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3544.98	(dBm)	(dB)
10	PI/2 BPSK	1	1	16.47	16.44	16.36	17.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.54		17.5	0.0
100	PI/2 BPSK	1	137		16.43			
100	PI/2 BPSK	1	271		16.33			
100	PI/2 BPSK	135	0		16.47		17.5	0.0
100	PI/2 BPSK	135	69		16.48		17.5	0.0
100	PI/2 BPSK	135	138		16.38		17.5	0.0
100	PI/2 BPSK	270	0		16.42			
100	QPSK	1	1		16.34		17.5	0.0
100	QPSK	1	137		16.37			
100	QPSK	1	271		16.29			
100	QPSK	135	0		16.53		17.5	0.0
100	QPSK	135	69		16.42			
100	QPSK	135	138		16.43			
100	QPSK	270	0		16.47		17.5	0.0
100	16QAM	1	1		16.09		17.5	0.0
100	64QAM	1	1		16.11		17.5	0.0
100	256QAM	1	1		16.28		17.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	PI/2 BPSK	1	1	16.50	16.52	16.45	17.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	PI/2 BPSK	1	1	16.40	16.47	16.38	17.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	PI/2 BPSK	1	1	16.41	16.44	16.31	17.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	PI/2 BPSK	1	1	16.44	16.38	16.39	17.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	PI/2 BPSK	1	1	16.34	16.38	16.34	17.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	PI/2 BPSK	1	1	16.45	16.40	16.35	17.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	PI/2 BPSK	1	1	16.37	16.41	16.33	17.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	PI/2 BPSK	1	1	16.39	16.36	16.32	17.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	PI/2 BPSK	1	1	16.35	16.36	16.37	17.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	PI/2 BPSK	1	1	16.45	16.46	16.29	17.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	PI/2 BPSK	1	1	16.38	16.46	16.30	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.17		16.0	0.0
100	PI/2 BPSK	1	137		14.96			
100	PI/2 BPSK	1	271		14.92			
100	PI/2 BPSK	135	0		15.08		16.0	0.0
100	PI/2 BPSK	135	69		15.12		16.0	0.0
100	PI/2 BPSK	135	138		14.84		16.0	0.0
100	PI/2 BPSK	270	0		15.07			
100	QPSK	1	1		15.12		16.0	0.0
100	QPSK	1	137		15.02			
100	QPSK	1	271		14.76			
100	QPSK	135	0		15.14		16.0	0.0
100	QPSK	135	69		15.02			
100	QPSK	135	138		14.93			
100	QPSK	270	0		15.04		16.0	0.0
100	16QAM	1	1		14.85		16.0	0.0
100	64QAM	1	1		14.92		16.0	0.0
100	256QAM	1	1		14.90		16.0	0.0
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	PI/2 BPSK	1	1	15.02	15.10	14.95	16.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	PI/2 BPSK	1	1	14.93	15.03	14.90	16.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	PI/2 BPSK	1	1	14.96	14.98	14.83	16.0	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	PI/2 BPSK	1	1	14.95	14.95	14.84	16.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	PI/2 BPSK	1	1	14.95	15.00	14.85	16.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	PI/2 BPSK	1	1	14.86	15.02	14.84	16.0	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	PI/2 BPSK	1	1	14.86	14.94	14.80	16.0	0.0
Channel				630834	633334	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3500.01	3537.48	(dBm)	(dB)
25	PI/2 BPSK	1	1	14.97	15.02	14.79	16.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	PI/2 BPSK	1	1	14.94	15.02	14.86	16.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.49	(dBm)	(dB)
15	PI/2 BPSK	1	1	14.89	15.05	14.82	16.0	0.0
Channel				630334	633334	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3544.98	(dBm)	(dB)
10	PI/2 BPSK	1	1	14.92	15.00	14.80	16.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.97			
100	PI/2 BPSK	1	137		14.92		16.0	0.0
100	PI/2 BPSK	1	271		14.82			
100	PI/2 BPSK	135	0		14.92		16.0	0.0
100	PI/2 BPSK	135	69		14.95		16.0	0.0
100	PI/2 BPSK	135	138		14.91		16.0	0.0
100	PI/2 BPSK	270	0		14.92			
100	QPSK	1	1		14.82		16.0	0.0
100	QPSK	1	137		14.92			
100	QPSK	1	271		14.78			
100	QPSK	135	0		14.96		16.0	0.0
100	QPSK	135	69		14.92			
100	QPSK	135	138		14.92			
100	QPSK	270	0		14.63		16.0	0.0
100	16QAM	1	1		14.62		16.0	0.0
100	64QAM	1	1		14.61		16.0	0.0
100	256QAM	1	1		14.58		16.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	14.88	14.92	14.82	16.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	14.82	14.85	14.71	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	14.80	14.84	14.75	16.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	14.76	14.85	14.71	16.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	14.79	14.85	14.74	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	14.74	14.83	14.66	16.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	14.75	14.79	14.72	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	14.80	14.78	14.70	16.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	14.81	14.83	14.73	16.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	14.81	14.76	14.72	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	14.80	14.79	14.75	16.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.36			
100	PI/2 BPSK	1	137		16.21		17.5	0.0
100	PI/2 BPSK	1	271		16.01			
100	PI/2 BPSK	135	0		16.21		17.5	0.0
100	PI/2 BPSK	135	69		16.25		17.5	0.0
100	PI/2 BPSK	135	138		16.03		17.5	0.0
100	PI/2 BPSK	270	0		16.16			
100	QPSK	1	1		16.24		17.5	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		15.98			
100	QPSK	135	0		16.33		17.5	0.0
100	QPSK	135	69		16.24			
100	QPSK	135	138		16.04			
100	QPSK	270	0		16.24		17.5	0.0
100	16QAM	1	1		15.98		17.5	0.0
100	64QAM	1	1		20.01		17.5	0.0
100	256QAM	1	1		16.21		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.28	16.32	16.25	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.23	16.21	16.16	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.12	16.20	16.19	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.20	16.17	16.11	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.23	16.20	16.19	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.14	16.16	16.20	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.21	16.22	16.11	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.18	16.26	16.09	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.19	16.17	16.09	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.15	16.21	16.13	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.18	16.21	16.17	17.5	0.0

Part27O n78_Ant 8 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.23			
100	PI/2 BPSK	1	137		15.89		17.5	0.0
100	PI/2 BPSK	1	271		15.85			
100	PI/2 BPSK	135	0		15.95		17.5	0.0
100	PI/2 BPSK	135	69		16.20		17.5	0.0
100	PI/2 BPSK	135	138		15.86		17.5	0.0
100	PI/2 BPSK	270	0		16.18			
100	QPSK	1	1		15.75		17.5	0.0
100	QPSK	1	137		15.88			
100	QPSK	1	271		15.82			
100	QPSK	135	0		15.91		17.5	0.0
100	QPSK	135	69		15.93			
100	QPSK	135	138		15.87			
100	QPSK	270	0		15.94		17.5	0.0
100	16QAM	1	1		15.85		17.5	0.0
100	64QAM	1	1		15.83		17.5	0.0
100	256QAM	1	1		15.82		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.91	15.95	15.86	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.86	15.89	15.73	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	15.78	15.79	15.70	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	15.85	15.90	15.75	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.80	15.90	15.81	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.75	15.83	15.78	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	15.79	15.84	15.70	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	15.83	15.82	15.75	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	15.79	15.86	15.74	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	15.75	15.84	15.77	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	15.75	15.85	15.80	17.5	0.0

Main_PA

Full Power level/Default Power level for WWAN-ENDC

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)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.81	23.71	23.64	24.5	0
20	QPSK	1	49	23.62	23.62	23.58		
20	QPSK	1	99	23.63	23.60	23.56		
20	QPSK	50	0	22.73	22.65	22.60	23.5	1
20	QPSK	50	24	22.65	22.62	22.58		
20	QPSK	50	50	22.65	22.55	22.51		
20	QPSK	100	0	22.65	22.59	22.53		
20	16QAM	1	0	23.13	23.02	22.89		
20	16QAM	1	49	22.77	22.66	22.67	23.5	1
20	16QAM	1	99	22.81	22.71	22.63		
20	16QAM	50	0	21.70	21.67	21.71		
20	16QAM	50	24	21.68	21.63	21.64	22.5	2
20	16QAM	50	50	21.67	21.54	21.62		
20	16QAM	100	0	21.57	21.55	21.58		
20	64QAM	1	0	21.63	21.67	21.58		
20	64QAM	1	49	21.54	21.52	21.63	22.5	2
20	64QAM	1	99	21.53	21.48	21.57		
20	64QAM	50	0	20.66	20.62	20.63		
20	64QAM	50	24	20.67	20.61	20.58	21.5	3
20	64QAM	50	50	20.65	20.51	20.58		
20	64QAM	100	0	20.60	20.52	20.62		
20	256QAM	1	0	18.65	18.61	18.57		
20	256QAM	1	49	18.60	18.60	18.61	19.5	5
20	256QAM	1	99	18.61	18.66	18.68		
20	256QAM	50	0	18.51	18.53	18.55		
20	256QAM	50	24	18.57	18.52	18.59	19.5	5
20	256QAM	50	50	18.55	18.49	18.60		
20	256QAM	100	0	18.52	18.44	18.61		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.77	23.50	23.60	24.5	0
15	QPSK	1	37	23.67	23.72	23.47		
15	QPSK	1	74	23.72	23.48	23.59		
15	QPSK	36	0	22.65	22.61	22.51		
15	QPSK	36	20	22.61	22.61	22.59	23.5	1
15	QPSK	36	39	22.57	22.42	22.55		
15	QPSK	75	0	22.56	22.53	22.66		
15	16QAM	1	0	23.08	23.12	23.13		
15	16QAM	1	37	23.02	23.03	22.98	23.5	1
15	16QAM	1	74	23.00	22.98	23.04		
15	16QAM	36	0	21.64	21.64	21.53		
15	16QAM	36	20	21.65	21.55	21.63	22.5	2
15	16QAM	36	39	21.65	21.49	21.55		
15	16QAM	75	0	21.60	21.55	21.54		
15	64QAM	1	0	21.97	21.78	21.87		
15	64QAM	1	37	21.83	21.71	21.82	22.5	2
15	64QAM	1	74	21.89	21.63	21.83		
15	64QAM	36	0	20.64	20.65	20.54		
15	64QAM	36	20	20.59	20.64	20.58	21.5	3
15	64QAM	36	39	20.56	20.54	20.56		
15	64QAM	75	0	20.58	20.60	20.46		
15	256QAM	1	0	18.38	18.47	18.53		
15	256QAM	1	37	18.23	18.38	18.64	19.5	5
15	256QAM	1	74	18.65	18.57	18.21		
15	256QAM	36	0	18.59	18.52	18.37		
15	256QAM	36	20	18.29	18.29	18.47	19.5	5
15	256QAM	36	39	18.56	18.55	18.54		
15	256QAM	75	0	18.22	18.28	18.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.60	23.56	23.50	24.5	0
10	QPSK	1	25	23.63	23.47	23.42		
10	QPSK	1	49	23.56	23.40	23.51		
10	QPSK	25	0	22.59	22.56	22.50	23.5	1
10	QPSK	25	12	22.66	22.60	22.56		
10	QPSK	25	25	22.59	22.50	22.45		
10	QPSK	50	0	22.63	22.53	22.52		
10	16QAM	1	0	22.77	22.42	22.56		
10	16QAM	1	25	22.69	22.36	22.51	23.5	1
10	16QAM	1	49	22.43	22.38	22.61		
10	16QAM	25	0	21.65	21.58	21.52		
10	16QAM	25	12	21.64	21.58	21.53	22.5	2
10	16QAM	25	25	21.58	21.47	21.50		
10	16QAM	50	0	21.67	21.57	21.47		
10	64QAM	1	0	22.02	21.88	21.54		
10	64QAM	1	25	21.91	21.64	21.48	22.5	2
10	64QAM	1	49	21.90	21.86	21.56		
10	64QAM	25	0	20.53	20.64	20.46		
10	64QAM	25	12	20.59	20.45	20.53	21.5	3
10	64QAM	25	25	20.49	20.45	20.46		
10	64QAM	50	0	20.60	20.59	20.55		
10	256QAM	1	0	18.38	18.31	18.49		
10	256QAM	1	25	18.41	18.53	18.23	19.5	5
10	256QAM	1	49	18.52	18.23	18.47		
10	256QAM	25	0	18.54	18.28	18.39		
10	256QAM	25	12	18.57	18.65	18.62	19.5	5
10	256QAM	25	25	18.63	18.20	18.21		
10	256QAM	50	0	18.52	18.33	18.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.62	23.51	23.53	24.5	0
5	QPSK	1	12	23.53	23.43	23.63		
5	QPSK	1	24	23.52	23.46	23.59		
5	QPSK	12	0	22.67	22.55	22.54	23.5	1
5	QPSK	12	7	22.62	22.54	22.50		
5	QPSK	12	13	22.56	22.52	22.49		
5	QPSK	25	0	22.58	22.56	22.46		
5	16QAM	1	0	22.65	22.43	22.82		
5	16QAM	1	12	22.64	23.01	22.86	23.5	1
5	16QAM	1	24	22.60	22.92	22.83		
5	16QAM	12	0	21.67	21.64	21.55		
5	16QAM	12	7	21.62	21.58	21.55	22.5	2
5	16QAM	12	13	21.56	21.56	21.53		
5	16QAM	25	0	21.50	21.56	21.60		
5	64QAM	1	0	21.86	21.85	21.85		
5	64QAM	1	12	21.84	21.87	21.82	22.5	2
5	64QAM	1	24	21.82	21.81	21.87		
5	64QAM	12	0	20.70	20.54	20.60		
5	64QAM	12	7	20.55	20.50	20.51	21.5	3
5	64QAM	12	13	20.64	20.48	20.50		
5	64QAM	25	0	20.70	20.64	20.52		
5	256QAM	1	0	18.39	18.49	18.35		
5	256QAM	1	12	18.65	18.42	18.38	19.5	5
5	256QAM	1	24	18.32	18.23	18.64		
5	256QAM	12	0	18.23	18.54	18.63		
5	256QAM	12	7	18.25	18.61	18.49	19.5	5
5	256QAM	12	13	18.44	18.62	18.34		
5	256QAM	25	0	18.38	18.49	18.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.74	23.40	23.37	24.5	0
3	QPSK	1	14	23.79	23.52	23.46		
3	QPSK	1	14	23.65	23.54	23.40		
3	QPSK	8	0	22.55	22.56	22.49	23.5	1
3	QPSK	8	4	22.54	22.51	22.52		
3	QPSK	8	7	22.56	22.52	22.50		
3	QPSK	15	0	22.53	22.49	22.42		
3	16QAM	1	0	23.09	22.74	22.76		
3	16QAM	1	7	23.05	22.80	22.80	23.5	1
3	16QAM	1	14	23.01	22.74	22.76		
3	16QAM	8	0	21.62	21.60	21.52		
3	16QAM	8	4	21.60	21.60	21.48	22.5	2
3	16QAM	8	7	21.68	21.58	21.48		
3	16QAM	15	0	21.69	21.57	21.64		
3	64QAM	1	0	21.34	21.55	21.46		
3	64QAM	1	8	21.59	21.56	21.46	22.5	2
3	64QAM	1	14	21.53	21.54	21.48		
3	64QAM	8	0	20.43	20.44	20.51		
3	64QAM	8	4	20.50	20.46	20.53	21.5	3
3	64QAM	8	7	20.45	20.56	20.56		
3	64QAM	15	0	20.73	20.55	20.47		
3	256QAM	1	0	18.44	18.62	18.38		
3	256QAM	1	8	18.20	18.43	18.43	19.5	5
3	256QAM	1	14	18.25	18.32	18.59		
3	256QAM	8	0	18.38	18.54	18.57		
3	256QAM	8	4	18.26	18.63	18.23	19.5	5
3	256QAM	8	7	18.20	18.27	18.26		
3	256QAM	15	0	18.27	18.42	18.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.65	23.61	23.57	24.5	0
1.4	QPSK	1	3	23.75	23.63	23.49		
1.4	QPSK	1	5	23.78	23.60	23.64		
1.4	QPSK	3	0	23.51	23.46	23.37		
1.4	QPSK	3	1	23.52	23.43	23.40		
1.4	QPSK	3	3	23.72	23.43	23.42		
1.4	QPSK	6	0	22.58	22.58	22.49	23.5	1
1.4	QPSK	6	2	22.50	22.56	22.88		
1.4	16QAM	1	0	22.94	22.63	22.84		
1.4	16QAM	1	5	22.97	22.87	23.04	23.5	1
1.4	16QAM	1	3	22.50	22.57	22.58		
1.4	16QAM	3	1	22.59	22.53	22.57		
1.4	16QAM	3	3	22.59	22.50	22.54		
1.4	16QAM	6	0	21.72	21.65	21.47	22.5	2
1.4	64QAM	1	0	21.86	21.63	21.56		
1.4	64QAM	1	3	21.77	21.78	21.58		
1.4	64QAM	1	5	21.89	21.85	21.55	22.5	2
1.4	64QAM	3	0	21.74	21.69	21.77		
1.4	64QAM	3	1	21.72	21.72	21.70		
1.4	64QAM	3	3	21.67	21.63	21.81		
1.4	64QAM	6	0	20.50	20.51	20.44	21.5	3
1.4	256QAM	1	0	18.44	18.25	18.58		
1.4	256QAM	1	3	18.53	18.34	18.55	19.5	5
1.4	256QAM	1	5	18.20	18.56	18.21		
1.4	256QAM	3	0	18.55	18.48	18.59		
1.4	256QAM	3	1	18.62	18.40	18.21		
1.4	256QAM	3	3	18.43	18.53	18.31		
1.4	256QAM	6	0	18.60	18.46	18.20	19.5	5

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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)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.96	23.90	23.88	25	0
20	QPSK	1	49	23.86	23.79	23.75		
20	QPSK	1	99	23.76	23.72	23.69		
20	QPSK	50	0	22.93	22.90	22.85	24	1
20	QPSK	50	24	22.89	22.86	22.79		
20	QPSK	50	50	22.87	22.75	22.70		
20	QPSK	100	0	22.87	22.86	22.76		
20	16QAM	1	0	23.59	23.19	23.08		
20	16QAM	1	49	23.03	23.00	23.06	24	1
20	16QAM	1	99	23.00	22.97	23.04		
20	16QAM	50	0	21.91	21.83	21.87		
20	16QAM	50	24	21.87	21.87	21.82	23	2
20	16QAM	50	50	21.88	21.72	21.80		
20	16QAM	100	0	21.82	21.79	21.83		
20	64QAM	1	0	22.08	22.01	21.93		
20	64QAM	1	49	22.01	21.92	21.92	23	2
20	64QAM	1	99	21.94	21.87	21.94		
20	64QAM	50	0	20.94	20.84	20.86		
20	64QAM	50	24	20.88	20.84	20.84	22	3
20	64QAM	50	50	20.85	20.74	20.87		
20	64QAM	100	0	20.85	20.81	20.84		
20	256QAM	1	0	18.74	18.74	18.84		
20	256QAM	1	49	18.77	18.82	18.82	20	5
20	256QAM	1	99	18.86	18.78	18.95		
20	256QAM	50	0	18.62	18.58	18.81		
20	256QAM	50	24	18.73	18.73	18.73	20	5
20	256QAM	50	50	18.78	18.63	18.85		
20	256QAM	100	0	18.72	18.68	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.94	23.86	23.82	25	0
15	QPSK	1	37	23.90	23.82	23.69		
15	QPSK	1	74	23.80	23.80	23.79		
15	QPSK	36	0	22.88	22.86	22.76		
15	QPSK	36	20	22.82	22.82	22.81	24	1
15	QPSK	36	39	22.79	22.71	22.84		
15	QPSK	75	0	22.85	22.78	22.91		
15	16QAM	1	0	23.11	23.13	23.11		
15	16QAM	1	37	23.13	23.02	23.02	24	1
15	16QAM	1	74	23.13	22.98	23.00		
15	16QAM	36	0	21.84	21.86	21.75		
15	16QAM	36	20	21.85	21.81	21.80	23	2
15	16QAM	36	39	21.87	21.71	21.81		
15	16QAM	75	0	21.85	21.78	21.80		
15	64QAM	1	0	22.04	21.86	22.04		
15	64QAM	1	37	21.95	21.90	21.93	23	2
15	64QAM	1	74	21.89	21.92	21.92		
15	64QAM	36	0	20.89	20.86	20.82		
15	64QAM	36	20	20.84	20.87	20.82	22	3
15	64QAM	36	39	20.87	20.73	20.85		
15	64QAM	75	0	20.85	20.78	20.77		
15	256QAM	1	0	18.62	18.74	18.84		
15	256QAM	1	37	18.58	18.54	18.54	20	5
15	256QAM	1	74	18.75	18.69	18.54		
15	256QAM	36	0	18.63	18.68	18.80		
15	256QAM	36	20	18.69	18.69	18.61	20	5
15	256QAM	36	39	18.52	18.62	18.60		
15	256QAM	75	0	18.61	18.65	18.64		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.95	23.87	23.79	25	0
10	QPSK	1	25	23.85	23.80	23.75		
10	QPSK	1	49	23.83	23.77	23.81		
10	QPSK	25	0	22.87	22.81	22.74	24	1
10	QPSK	25	12	22.86	22.81	22.77		
10	QPSK	25	25	22.81	22.74	22.77		
10	QPSK	50	0	22.86	22.81	22.79		
10	16QAM	1	0	23.12	23.04	22.99		
10	16QAM	1	25	22.97	22.97	22.95	24	1
10	16QAM	1	49	23.09	22.95	22.95		
10	16QAM	25	0	21.86	21.80	21.77		
10	16QAM	25	12	21.87	21.84	21.82	23	2
10	16QAM	25	25	21.80	21.78	21.78		
10	16QAM	50	0	21.86	21.81	21.81		
10	64QAM	1	0	22.01	22.05	21.92		
10	64QAM	1	25	21.94	21.98	21.88	23	2
10	64QAM	1	49	21.92	21.89	21.93		
10	64QAM	25	0	20.87	20.84	20.76		
10	64QAM	25	12	20.86	20.76	20.81	22	3
10	64QAM	25	25	20.77	20.73	20.77		
10	64QAM	50	0	20.87	20.81	20.81		
10	256QAM	1	0	18.63	18.61	18.63		
10	256QAM	1	25	18.71	18.64	18.76	20	5
10	256QAM	1	49	18.63	18.75	18.53		
10	256QAM	25	0	18.63	18.57	18.51		
10	256QAM	25	12	18.55	18.59	18.60	20	5
10	256QAM	25	25	18.61	18.56	18.51		
10	256QAM	50	0	18.63	18.64	18.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.92	23.88	23.80	25	0
5	QPSK	1	12	23.89	23.86	23.81		
5	QPSK	1	24	23.85	23.81	23.84		
5	QPSK	12	0	22.89	22.84	22.82	24	1
5	QPSK	12	7	22.86	22.79	22.80		
5	QPSK	12	13	22.82	22.78	22.74		
5	QPSK	25	0	22.85	22.84	22.80		
5	16QAM	1	0	23.02	23.11	23.00		
5	16QAM	1	12	23.09	23.04	23.00	24	1
5	16QAM	1	24	23.06	23.04	22.93		
5	16QAM	12	0	21.80	21.83	21.84		
5	16QAM	12	7	21.86	21.79	21.78	23	2
5	16QAM	12	13	21.76	21.74	21.74		
5	16QAM	25	0	21.86	21.88	21.82		
5	64QAM	1	0	22.00	21.97	21.91		
5	64QAM	1	12	22.00	21.96	21.97	23	2
5	64QAM	1	24	21.97	21.94	21.97		
5	64QAM	12	0	20.82	20.81	20.77		
5	64QAM	12	7	20.90	20.82	20.81	22	3
5	64QAM	12	13	20.79	20.81	20.74		
5	64QAM	25	0	20.82	20.84	20.78		
5	256QAM	1	0	18.65	18.79	18.75		
5	256QAM	1	12	18.78	18.77	18.75	20	5
5	256QAM	1	24	18.69	18.76	18.61		
5	256QAM	12	0	18.60	18.63	18.51		
5	256QAM	12	7	18.78	18.63	18.55	20	5
5	256QAM	12	13	18.77	18.53	18.51		
5	256QAM	25	0	18.62	18.66	18.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.89	23.80	23.75	25	0
3	QPSK	1	8	23.81	23.77	23.77		
3	QPSK	1	14	23.81	23.73	23.76		
3	QPSK	8	0	22.83	22.79	22.79	24	1
3	QPSK	8	4	22.83	22.77	22.76		
3	QPSK	8	7	22.83	22.78	22.78		
3	QPSK	15	0	22.85	22.73	22.79		
3	16QAM	1	0	23.02	23.03	22.88		
3	16QAM	1	7	23.01	22.90	22.90	24	1
3	16QAM	1	14	23.02	22.98	22.87		
3	16QAM	8	0	21.94	21.91	21.92		
3	16QAM	8	4	21.94	21.91	21.91	23	2
3	16QAM	8	7	21.95	21.86	21.91		
3	16QAM	15	0	21.89	21.82	21.87		
3	64QAM	1	0	21.98	21.96	21.95		
3	64QAM	1	8	21.98	21.96	21.96	23	2
3	64QAM	1	14	21.94	21.94	21.94		
3	64QAM	8	0	20.88	20.86	20.86		
3	64QAM	8	4	20.87	20.79	20.86	22	3
3	64QAM	8	7	20.87	20.78	20.83		
3	64QAM	15	0	20.87	20.78	20.83		
3	256QAM	1	0	18.61	18.69	18.54		
3	256QAM	1	8	18.53	18.74	18.64	20	5
3	256QAM	1	14	18.67	18.51	18.63		
3	256QAM	8	0	18.67	18.76	18.65		
3	256QAM	8	4	18.75	18.69	18.54	20	5
3	256QAM	8	7	18.65	18.61	18.57		
3	256QAM	15	0	18.68	18.79	18.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.78	23.76	23.72	25	0
1.4	QPSK	1	3	23.81	23.77	23.75		
1.4	QPSK	1	5	23.77	23.72	23.75		
1.4	QPSK	3	0	23.79	23.79	23.79		
1.4	QPSK	3	1	23.82	23.77	23.77		
1.4	QPSK	3	3	23.75	23.76	23.78		
1.4	QPSK	6	0	22.85	22.83	22.78	24	1
1.4	QPSK	6	2	23.05	22.97	22.95		
1.4	16QAM	1	0	23.01	22.96	22.93		
1.4	16QAM	1	5	23.02	22.94	22.93	24	1
1.4	16QAM	1	3	22.90	22.82	22.82		
1.4	16QAM	3	1	22.90	22.85	22.80		
1.4	16QAM	3	3	22.83	22.83	22.81		
1.4	16QAM	6	0	21.82	21.87	21.87	23	2
1.4	64QAM	1	0	22.03	22.02	21.98		
1.4	64QAM	1	3	22.03	21.97	21.97		
1.4	64QAM	1	5	22.03	21.98	21.90	23	2
1.4	64QAM	3	0	21.91	21.89	21.90		
1.4	64QAM	3	1	21.91	21.86	21.92		
1.4	64QAM	3	3	21.90	21.86	21.90		
1.4	64QAM	6	0	20.82	20.78	20.76	22	3
1.4	256QAM	1	0	18.80	18.68	18.67		
1.4	256QAM	1	3	18.57	18.82	18.71		
1.4	256QAM	1	5	18.74	18.53	18.75	20	5
1.4	256QAM	3	0	18.77	18.55	18.73		
1.4	256QAM	3	1	18.72	18.83	18.56		
1.4	256QAM	3	3	18.73	18.53	18.75		
1.4	256QAM	6	0	18.64	18.76	18.52	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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25.23	25.32	25.12	25.5	0
20	QPSK	1	49	24.66	25.22	25.13		
20	QPSK	1	99	25.06	25.16	25.14		
20	QPSK	50	0	24.07	24.27	24.15	24.5	1
20	QPSK	50	24	24.09	24.24	24.17		
20	QPSK	50	50	24.01	24.26	24.17		
20	QPSK	100	0	24.09	24.15	24.12		
20	16QAM	1	0	24.25	23.92	24.05		
20	16QAM	1	49	24.04	23.94	23.90	24.5	1
20	16QAM	1	99	24.20	23.89	23.95		
20	16QAM	50	0	23.01	23.29	23.14		
20	16QAM	50	24	23.07

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)	MPR (dB)
Channel				20450	20525	20600		
Frequency [MHz]				829	836.5	844		
10	QPSK	1	0	24.70	25.05	24.65	25.7	0
10	QPSK	1	25	24.70	24.66	24.70		
10	QPSK	1	49	24.80	24.63	24.80		
10	QPSK	25	0	23.81	23.95	23.66	24.7	1
10	QPSK	25	12	23.82	23.63	23.81		
10	QPSK	25	25	23.65	23.92	23.60		
10	QPSK	50	0	23.79	23.92	23.69		
10	16QAM	1	0	23.84	24.22	24.12		
10	16QAM	1	25	23.94	24.27	24.02	24.7	1
10	16QAM	1	49	23.98	24.20	24.06		
10	16QAM	25	0	22.75	22.88	22.61	23.7	2
10	16QAM	25	12	22.76	22.89	22.62		
10	16QAM	25	25	22.74	22.86	22.53		
10	16QAM	50	0	22.80	22.87	22.61		
10	64QAM	1	0	22.94	23.15	22.85		
10	64QAM	1	25	22.96	23.11	22.86	23.7	2
10	64QAM	1	49	23.04	23.13	22.87		
10	64QAM	25	0	21.79	21.86	21.61		
10	64QAM	25	12	21.82	21.84	21.65	22.7	3
10	64QAM	25	25	21.83	21.94	21.57		
10	64QAM	50	0	21.77	21.90	21.66		
10	256QAM	1	0	19.90	20.04	19.66		
10	256QAM	1	25	19.98	20.01	19.60	20.7	5
10	256QAM	1	49	20.05	19.92	19.68		
10	256QAM	25	0	19.90	19.88	19.62		
10	256QAM	25	12	19.92	19.87	19.62	20.7	5
10	256QAM	25	25	19.86	19.89	19.53		
10	256QAM	50	0	19.88	19.88	19.57		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				826.5	836.5	846.5		
5	QPSK	1	0	24.54	24.51	24.56	25.7	0
5	QPSK	1	12	24.58	24.69	24.85		
5	QPSK	1	24	25.04	24.87	24.82		
5	QPSK	12	0	23.79	23.80	23.87	24.7	1
5	QPSK	12	7	23.78	23.85	23.84		
5	QPSK	12	13	23.78	23.84	23.80		
5	QPSK	25	0	23.77	23.85	23.80		
5	16QAM	1	0	24.28	24.06	24.03	24.7	1
5	16QAM	1	12	24.28	24.13	24.15		
5	16QAM	1	24	24.32	24.03	24.08		
5	16QAM	12	0	22.70	22.85	22.76	23.7	2
5	16QAM	12	7	22.72	22.85	22.73		
5	16QAM	12	13	22.68	22.80	22.69		
5	16QAM	25	0	22.66	22.89	22.75		
5	64QAM	1	0	22.52	22.92	22.87	23.7	2
5	64QAM	1	12	22.63	22.83	22.95		
5	64QAM	1	24	22.63	22.86	22.91		
5	64QAM	12	0	21.74	21.87	21.81	22.7	3
5	64QAM	12	7	21.82	21.85	21.79		
5	64QAM	12	13	21.72	21.84	21.74		
5	64QAM	25	0	21.66	21.87	21.75		
5	256QAM	1	0	20.08	20.02	20.13	20.7	5
5	256QAM	1	12	19.93	20.03	20.02		
5	256QAM	1	24	20.01	20.08	20.08		
5	256QAM	12	0	19.96	20.14	19.94	20.7	5
5	256QAM	12	7	19.90	20.05	20.04		
5	256QAM	12	13	20.07	19.93	19.93		
5	256QAM	25	0	20.02	20.08	20.01		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				825.5	836.5	847.5		
3	QPSK	1	0	24.63	24.88	24.90	25.7	0
3	QPSK	1	8	24.71	24.92	24.93		
3	QPSK	1	14	24.70	24.90	24.92		
3	QPSK	8	0	23.72	23.84	23.78	24.7	1
3	QPSK	8	4	23.76	23.88	23.82		
3	QPSK	8	7	23.76	23.91	23.88		
3	QPSK	15	0	23.70	23.85	23.89		
3	16QAM	1	0	23.90	24.20	24.31	24.7	1
3	16QAM	1	8	24.12	24.24	24.26		
3	16QAM	1	14	24.06	24.24	24.30		
3	16QAM	8	0	22.65	22.92	22.91	23.7	2
3	16QAM	8	4	22.82	22.87	22.91		
3	16QAM	8	7	22.87	22.95	22.90		
3	16QAM	15	0	22.65	22.92	22.89		
3	64QAM	1	0	23.10	23.17	22.91	23.7	2
3	64QAM	1	8	23.06	23.18	22.89		
3	64QAM	1	14	23.07	23.20	22.88		
3	64QAM	8	0	21.79	21.82	21.78	22.7	3
3	64QAM	8	4	21.80	21.86	21.81		
3	64QAM	8	7	21.79	21.91	21.80		
3	64QAM	15	0	21.75	21.88	21.86		
3	256QAM	1	0	20.04	19.91	20.15	20.7	5
3	256QAM	1	8	19.99	20.12	19.91		
3	256QAM	1	14	20.14	20.10	19.94		
3	256QAM	8	0	19.92	20.05	20.15		
3	256QAM	8	4	19.94	20.07	20.14		
3	256QAM	8	7	20.00	19.99	20.11		
3	256QAM	15	0	20.02	19.99	19.96		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				824.7	836.5	848.3		
1.4	QPSK	1	0	24.78	24.71	24.49	25.7	0
1.4	QPSK	1	3	24.63	24.70	24.50		
1.4	QPSK	1	5	24.79	24.74	24.59		
1.4	QPSK	3	0	24.74	24.72	24.76		
1.4	QPSK	3	1	24.67	24.80	24.75		
1.4	QPSK	3	3	24.62	24.74	24.75		
1.4	QPSK	6	0	23.75	23.79	23.82	24.7	1
1.4	16QAM	1	0	23.82	23.92	23.59	24.7	1
1.4	16QAM	1	3	23.85	23.95	23.59		
1.4	16QAM	1	5	23.83	23.87	23.59		
1.4	16QAM	3	0	23.74	23.91	23.87		
1.4	16QAM	3	1	23.78	23.92	23.82		
1.4	16QAM	3	3	23.78	23.88	23.82		
1.4	16QAM	6	0	22.75	22.78	22.73	23.7	2
1.4	64QAM	1	0	23.00	23.13	23.07	23.7	2
1.4	64QAM	1	3	22.96	23.08	23.04		
1.4	64QAM	1	5	22.96	23.05	23.04		
1.4	64QAM	3	0	22.91	23.05	22.96		
1.4	64QAM	3	1	22.90	23.04	22.97		
1.4	64QAM	3	3	22.89	23.00	22.99		
1.4	64QAM	6	0	21.66	21.79	21.79	22.7	3
1.4	256QAM	1	0	20.07	19.99	20.10	20.7	5
1.4	256QAM	1	3	20.13	20.15	19.99		
1.4	256QAM	1	5	19.93	19.96	20.14		
1.4	256QAM	3	0	20.15	19.98	19.96		
1.4	256QAM	3	1	20.03	20.08	20.13		
1.4	256QAM	3	3	20.02	20.00	20.02		
1.4	256QAM	6	0	19.92	20.06	19.93	20.7	5

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)	MPR (dB)
Channel				20450	20525	20600		
Frequency [MHz]				829	836.5	844		
10	QPSK	1	0	24.96	25.04	24.73	25.7	0
10	QPSK	1	25	25.00	24.99	24.74		
10	QPSK	1	49	25.02	24.97	24.87		
10	QPSK	25	0	23.92	24.02	23.81	24.7	1
10	QPSK	25	12	23.99	24.01	23.78		
10	QPSK	25	25	24.01	23.92	23.78		
10	QPSK	50	0	23.99	24.01	23.87		
10	16QAM	1	0	24.09	24.25	23.89		
10	16QAM	1	25	24.16	24.10	23.89	24.7	1
10	16QAM	1	49	24.21	24.12	23.91		
10	16QAM	25	0	22.95	22.99	22.77	23.7	2
10	16QAM	25	12	22.97	23.01	22.76		
10	16QAM	25	25	23.04	22.93	22.75		
10	16QAM	50	0	22.95	22.97	22.84		
10	64QAM	1	0	23.08	23.13	22.79		
10	64QAM	1	25	23.16	23.07	22.78	23.7	2
10	64QAM	1	49	23.20	23.01	22.78		
10	64QAM	25	0	21.97	21.97	21.77		
10	64QAM	25	12	22.02	21.95	21.74	22.7	3
10	64QAM	25	25	22.02	21.86	21.76		
10	64QAM	50	0	21.94	21.95	21.80		
10	256QAM	1	0	19.71	19.89	19.67		
10	256QAM	1	25	19.95	19.88	19.67	20.7	5
10	256QAM	1	49	19.95	19.73	19.59		
10	256QAM	25	0	19.63	19.94	19.73		
10	256QAM	25	12	19.61	19.65	19.67	20.7	5
10	256QAM	25	25	19.62	19.91	19.72		
10	256QAM	50	0	19.63	19.64	19.78		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				826.5	836.5	846.5		
5	QPSK	1	0	24.52	24.70	24.67	25.7	0
5	QPSK	1	12	24.70	24.72	24.61		
5	QPSK	1	24	24.70	24.70	24.62		
5	QPSK	12	0	23.58	23.70	23.58	24.7	1
5	QPSK	12	7	23.64	23.69	23.62		
5	QPSK	12	13	23.63	23.58	23.64		
5	QPSK	25	0	23.61	23.63	23.59		
5	16QAM	1	0	23.81	23.97	23.81	24.7	1
5	16QAM	1	12	23.87	23.94	23.86		
5	16QAM	1	24	23.93	23.87	23.79		
5	16QAM	12	0	22.57	22.69	22.60	23.7	2
5	16QAM	12	7	22.59	22.66	22.61		
5	16QAM	12	13	22.59	22.57	22.58		
5	16QAM	25	0	22.64	22.67	22.62		
5	64QAM	1	0	22.77	22.84	22.72	23.7	2
5	64QAM	1	12	22.74	22.79	22.75		
5	64QAM	1	24	22.80	22.77	22.74		
5	64QAM	12	0	21.58	21.69	21.59	22.7	3
5	64QAM	12	7	21.62	21.70	21.61		
5	64QAM	12	13	21.61	21.63	21.59		
5	64QAM	25	0	21.65	21.66	21.60		
5	256QAM	1	0	19.91	19.65	19.75	20.7	5
5	256QAM	1	12	19.56	19.61	19.66		
5	256QAM	1	24	19.79	19.82	19.93		
5	256QAM	12	0	19.60	19.88	19.62	20.7	5
5	256QAM	12	7	19.67	19.95	19.73		
5	256QAM	12	13	19.58	19.58	19.59		
5	256QAM	25	0	19.69	19.73	19.56		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				825.5	836.5	847.5		
3	QPSK	1	0	24.61	24.66	24.61	25.7	0
3	QPSK	1	8	24.62	24.66	24.59		
3	QPSK	1	14	24.63	24.62	24.59		
3	QPSK	8	0	23.58	23.68	23.58	24.7	1
3	QPSK	8	4	23.58	23.64	23.58		
3	QPSK	8	7	23.62	23.68	23.60		
3	QPSK	15	0	23.57	23.66	23.62		
3	16QAM	1	0	23.78	23.90	23.92	24.7	1
3	16QAM	1	8	23.82	23.89	23.85		
3	16QAM	1	14	23.80	23.83	23.85		
3	16QAM	8	0	22.67	22.76	22.65	23.7	2
3	16QAM	8	4	22.67	22.74	22.65		
3	16QAM	8	7	22.67	22.75	22.68		
3	16QAM	15	0	22.64	22.68	22.63		
3	64QAM	1	0	22.75	22.73	22.71	23.7	2
3	64QAM	1	8	22.76	22.73	22.71		
3	64QAM	1	14	22.78	22.71	22.70		
3	64QAM	8	0	21.61	21.68	21.60	22.7	3
3	64QAM	8	4	21.61	21.67	21.59		
3	64QAM	8	7	21.64	21.71	21.64		
3	64QAM	15	0	21.59	21.69	21.60		
3	256QAM	1	0	19.87	19.80	19.80	20.7	5
3	256QAM	1	8	19.57	19.64	19.69		
3	256QAM	1	14	19.83	19.76	19.75		
3	256QAM	8	0	19.76	19.90	19.55		
3	256QAM	8	4	19.91	19.82	19.62		
3	256QAM	8	7	19.78	19.85	19.92		
3	256QAM	15	0	19.64	19.81	19.71		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				824.7	836.5	848.3		
1.4	QPSK	1	0	24.62	24.66	24.63	25.7	0
1.4	QPSK	1	3	24.59	24.66	24.61		
1.4	QPSK	1	5	24.60	24.66	24.57		
1.4	QPSK	3	0	24.62	24.67	24.59		
1.4	QPSK	3	1	24.63	24.69	24.59		
1.4	QPSK	3	3	24.64	24.66	24.59		
1.4	QPSK	6	0	23.63	23.68	23.62	24.7	1
1.4	16QAM	1	0	23.81	23.92	23.82	24.7	1
1.4	16QAM	1	3	23.85	23.95	23.82		
1.4	16QAM	1	5	23.81	23.88	23.77		
1.4	16QAM	3	0	23.62	23.67	23.60		
1.4	16QAM	3	1	23.59	23.67	23.62		
1.4	16QAM	3	3	23.64	23.66	23.56		
1.4	16QAM	6	0	22.65	22.72	22.66	23.7	2
1.4	64QAM	1	0	22.68	22.74	22.68	23.7	2
1.4	64QAM	1	3	22.63	22.72	22.65		
1.4	64QAM	1	5	22.67	22.77	22.64		
1.4	64QAM	3	0	22.70	22.77	22.70		
1.4	64QAM	3	1	22.70	22.76	22.69		
1.4	64QAM	3	3	22.71	22.71	22.66		
1.4	64QAM	6	0	21.61	21.62	21.58	22.7	3
1.4	256QAM	1	0	19.82	19.63	19.67	20.7	5
1.4	256QAM	1	3	19.78	19.86	19.67		
1.4	256QAM	1	5	19.55	19.60	19.68		
1.4	256QAM	3	0	19.84	19.92	19.65		
1.4	256QAM	3	1	19.71	19.59	19.62		
1.4	256QAM	3	3	19.93	19.69	19.94		
1.4	256QAM	6	0	19.66	19.77	19.57	20.7	5

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency [MHz]				2510	2535	2560		
20	QPSK	1	0	21.74	22.06	21.92	23	0
20	QPSK	1	49	21.72	21.89	21.87		
20	QPSK	1	99	21.74	21.77	21.80		
20	QPSK	50	0	20.85	21.10	20.84	22	1
20	QPSK	50	24	20.80	20.97	20.75		
20	QPSK	50	50	20.79	20.87	20.71		
20	QPSK	100	0	20.81	20.93	20.83		
20	16QAM	1	0	20.95	21.02	21.32		
20	16QAM	1	49	20.87	21.10	21.29	22	1
20	16QAM	1	99	20.97	21.13	20.87		
20	16QAM	50	0	19.66	19.92	19.65		
20	16QAM	50	24	19.73	19.92	19.69	21	2
20	16QAM	50	50	19.81	20.04	19.79		
20	16QAM	100	0	19.74	19.96	19.77		
20	64QAM	1	0	19.97	20.15	19.57		
20	64QAM	1	49	19.99	20.22	20.05	21	2
20	64QAM	1	99	20.08	20.26	19.77		
20	64QAM	50	0	18.74	18.92	18.86		
20	64QAM	50	24	18.81	18.98	18.90	20	3
20	64QAM	50	50	18.85	19.01	18.83		
20	64QAM	100	0	18.75	18.93	18.81		
20	256QAM	1	0	17.25	17.19	17.18		
20	256QAM	1	49	17.21	17.17	17.20	18	5
20	256QAM	1	99	17.13	17.07	17.14		
20	256QAM	50	0	17.07	17.06	17.10		
20	256QAM	50	24	17.16	17.07	17.11	18	5
20	256QAM	50	50	17.10	17.04	17.03		
20	256QAM	100	0	17.10	17.05	17.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2507.5	2535	2562.5		
15	QPSK	1	0	21.85	21.94	21.97	23	0
15	QPSK	1	37	21.67	22.04	21.92		
15	QPSK	1	74	21.94	22.05	21.97		
15	QPSK	36	0	20.68	20.81	20.83	22	1
15	QPSK	36	20	20.70	20.88	20.84		
15	QPSK	36	39	20.72	20.93	20.79		
15	QPSK	75	0	20.73	20.85	20.83		
15	16QAM	1	0	21.27	21.09	21.11	22	1
15	16QAM	1	37	21.26	21.19	21.11		
15	16QAM	1	74	21.35	21.13	21.34		
15	16QAM	36	0	19.80	19.88	19.82	21	2
15	16QAM	36	20	19.81	19.94	19.82		
15	16QAM	36	39	19.75	19.92	19.79		
15	16QAM	75	0	19.81	19.99	19.79		
15	64QAM	1	0	19.52	19.92	19.66	21	2
15	64QAM	1	37	19.55	20.05	20.00		
15	64QAM	1	74	19.63	20.02	19.52		
15	64QAM	36	0	18.86	18.94	18.88	20	3
15	64QAM	36	20	18.83	18.90	18.84		
15	64QAM	36	39	18.88	19.03	18.86		
15	64QAM	75	0	18.72	18.89	18.80		
15	256QAM	1	0	17.09	17.25	17.26	18	5
15	256QAM	1	37	17.09	17.25	17.26		
15	256QAM	1	74	17.02	17.12	17.27		
15	256QAM	36	0	17.03	17.24	17.03	18	5
15	256QAM	36	20	17.00	17.02	16.95		
15	256QAM	36	39	17.17	16.92	17.19		
15	256QAM	75	0	16.96	17.13	17.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2505	2535	2565		
10	QPSK	1	0	21.63	21.93	21.81	23	0
10	QPSK	1	25	21.73	22.02	21.86		
10	QPSK	1	49	21.65	22.07	21.97		
10	QPSK	25	0	20.71	20.88	20.85	22	1
10	QPSK	25	12	20.76	20.88	20.82		
10	QPSK	25	25	20.73	20.90	20.81		
10	QPSK	50	0	20.78	20.98	20.84		
10	16QAM	1	0	20.93	21.31	21.35	22	1
10	16QAM	1	25	20.95	21.46	21.26		
10	16QAM	1	49	21.12	21.43	21.45		
10	16QAM	25	0	19.62	19.88	19.81	21	2
10	16QAM	25	12	19.68	19.82	19.82		
10	16QAM	25	25	19.71	19.90	19.68		
10	16QAM	50	0	19.66	19.85	19.80		
10	64QAM	1	0	20.00	20.20	19.96	21	2
10	64QAM	1	25	20.07	20.27	19.93		
10	64QAM	1	49	20.07	20.30	19.95		
10	64QAM	25	0	18.69	18.90	18.88	20	3
10	64QAM	25	12	18.73	18.97	18.88		
10	64QAM	25	25	18.72	18.96	18.77		
10	64QAM	50	0	18.74	18.92	18.79		
10	256QAM	1	0	17.34	17.34	17.33	18	5
10	256QAM	1	25	17.17	17.04	17.14		
10	256QAM	1	49	17.09	17.24	17.23		
10	256QAM	25	0	17.12	17.25	17.34		
10	256QAM	25	12	17.19	17.35	17.31		
10	256QAM	25	25	17.19	17.05	17.32		
10	256QAM	50	0	17.32	17.26	17.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2502.5	2535	2567.5		
5	QPSK	1	0	21.82	22.06	21.77	23	0
5	QPSK	1	12	21.91	22.00	21.89		
5	QPSK	1	24	21.83	22.07	22.04		
5	QPSK	12	0	20.73	20.89	20.82	22	1
5	QPSK	12	7	20.72	20.98	20.73		
5	QPSK	12	13	20.81	20.91	20.47		
5	QPSK	25	0	20.71	20.93	20.65		
5	16QAM	1	0	20.82	21.13	20.96	22	1
5	16QAM	1	12	20.85	21.14	20.71		
5	16QAM	1	24	20.81	21.17	21.01		
5	16QAM	12	0	19.80	19.98	19.81	21	2
5	16QAM	12	7	19.79	20.01	19.88		
5	16QAM	12	13	19.82	20.02	19.73		
5	16QAM	25	0	19.82	19.93	19.80		
5	64QAM	1	0	19.95	20.27	19.90	21	2
5	64QAM	1	12	20.02	20.26	19.73		
5	64QAM	1	24	20.01	20.28	19.88		
5	64QAM	12	0	18.75	18.90	18.92	20	3
5	64QAM	12	7	18.86	19.04	18.82		
5	64QAM	12	13	18.88	19.01	18.81		
5	64QAM	25	0	18.79	18.90	18.82		
5	256QAM	1	0	16.98	16.97	17.09	18	5
5	256QAM	1	12	17.11	17.14	17.05		
5	256QAM	1	24	17.14	16.92	17.11		
5	256QAM	12	0	17.26	17.04	16.98	18	5
5	256QAM	12	7	17.10	17.36	17.11		
5	256QAM	12	13	17.06	17.09	17.24		
5	256QAM	25	0	17.23	17.19	17.21		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency [MHz]				2510	2535	2560		
20	QPSK	1	0	24.03	24.19	24.11	25	0
20	QPSK	1	49	23.85	24.07	24.04		
20	QPSK	1	99	23.80	23.97	23.97		
20	QPSK	50	0	23.10	23.16	23.14	24	1
20	QPSK	50	24	22.97	23.10	23.07		
20	QPSK	50	50	22.94	23.06	23.05		
20	QPSK	100	0	22.99	23.15	23.13		
20	16QAM	1	0	23.18	23.01	23.15		
20	16QAM	1	49	23.28	23.27	23.31	24	1
20	16QAM	1	99	23.30	23.35	23.

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.49	24.62	24.37	25.7	0
20	QPSK	1	49	24.37	24.54	24.51		
20	QPSK	1	99	24.26	24.42	24.15		
20	QPSK	50	0	23.36	23.66	23.59	24.7	1
20	QPSK	50	24	23.27	23.54	23.61		
20	QPSK	50	50	23.15	23.41	23.47		
20	QPSK	100	0	23.26	23.58	23.56		
20	16QAM	1	0	23.38	23.50	23.52		
20	16QAM	1	49	23.42	23.69	23.70	24.7	1
20	16QAM	1	99	23.55	23.77	23.84		
20	16QAM	50	0	22.16	22.41	22.46	23.7	2
20	16QAM	50	24	22.23	22.52	22.57		
20	16QAM	50	50	22.37	22.63	22.60		
20	16QAM	100	0	22.24	22.49	22.46		
20	64QAM	1	0	22.37	22.51	22.50		
20	64QAM	1	49	22.41	22.68	22.65	23.7	2
20	64QAM	1	99	22.48	22.72	22.15		
20	64QAM	50	0	21.16	21.45	21.47	22.7	3
20	64QAM	50	24	21.25	21.52	21.54		
20	64QAM	50	50	21.36	21.68	21.65		
20	64QAM	100	0	21.26	21.51	21.57		
20	256QAM	1	0	19.44	19.52	19.65	20.7	5
20	256QAM	1	49	19.74	19.49	19.28		
20	256QAM	1	99	19.41	19.75	19.73		
20	256QAM	50	0	19.46	19.41	19.22	20.7	5
20	256QAM	50	24	19.56	19.59	19.60		
20	256QAM	50	50	19.57	19.24	19.36		
20	256QAM	100	0	19.67	19.51	19.45		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.25	24.49	24.09	25.7	0
15	QPSK	1	37	24.25	24.58	24.56		
15	QPSK	1	74	24.37	24.61	24.18		
15	QPSK	36	0	23.19	23.44	23.45	24.7	1
15	QPSK	36	20	23.29	23.51	23.60		
15	QPSK	36	39	23.29	23.58	23.39		
15	QPSK	75	0	23.27	23.54	23.52		
15	16QAM	1	0	23.36	23.64	23.47	24.7	1
15	16QAM	1	37	23.39	23.76	23.78		
15	16QAM	1	74	23.48	23.79	23.68		
15	16QAM	36	0	22.22	22.42	22.00	23.7	2
15	16QAM	36	20	22.22	22.45	22.55		
15	16QAM	36	39	22.33	22.58	22.57		
15	16QAM	75	0	22.22	22.46	22.51		
15	64QAM	1	0	22.36	22.60	22.49	23.7	2
15	64QAM	1	37	22.38	22.71	22.72		
15	64QAM	1	74	22.48	22.72	22.57		
15	64QAM	36	0	21.22	21.44	21.49	22.7	3
15	64QAM	36	20	21.29	21.55	21.57		
15	64QAM	36	39	21.35	21.61	21.61		
15	64QAM	75	0	21.22	21.48	21.52		
15	256QAM	1	0	18.54	19.40	19.45	20.7	5
15	256QAM	1	37	19.26	19.57	19.57		
15	256QAM	1	74	19.59	19.26	19.54		
15	256QAM	36	0	19.63	19.31	19.20	20.7	5
15	256QAM	36	20	19.40	19.37	19.31		
15	256QAM	36	39	19.73	19.64	19.39		
15	256QAM	75	0	19.74	19.34	19.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.18	24.45	24.51	25.7	0
10	QPSK	1	25	24.24	24.50	24.24		
10	QPSK	1	49	24.23	24.51	24.07		
10	QPSK	25	0	23.15	23.37	23.53	24.7	1
10	QPSK	25	12	23.22	23.43	23.42		
10	QPSK	25	25	23.26	23.55	23.03		
10	QPSK	50	0	23.25	23.49	23.44		
10	16QAM	1	0	23.33	23.61	23.64	24.7	1
10	16QAM	1	25	23.36	23.72	23.66		
10	16QAM	1	49	23.38	23.72	23.50		
10	16QAM	25	0	22.16	22.36	22.48	23.7	2
10	16QAM	25	12	22.23	22.45	22.58		
10	16QAM	25	25	22.31	22.50	22.17		
10	16QAM	50	0	22.19	22.46	22.51		
10	64QAM	1	0	22.31	22.58	22.62	23.7	2
10	64QAM	1	25	22.39	22.66	22.61		
10	64QAM	1	49	22.29	22.69	22.61		
10	64QAM	25	0	21.17	21.44	21.50	22.7	3
10	64QAM	25	12	21.25	21.51	21.60		
10	64QAM	25	25	21.30	21.61	21.57		
10	64QAM	50	0	21.26	21.50	21.54		
10	256QAM	1	0	19.36	19.55	19.47	20.7	5
10	256QAM	1	25	19.51	19.45	19.36		
10	256QAM	1	49	19.75	19.37	19.39		
10	256QAM	25	0	19.44	19.29	19.66	20.7	5
10	256QAM	25	12	19.43	19.51	19.27		
10	256QAM	25	25	19.67	19.23	19.67		
10	256QAM	50	0	19.52	19.31	19.74		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.18	24.54	24.19	25.7	0
5	QPSK	1	12	24.22	24.54	24.09		
5	QPSK	1	24	24.24	24.54	24.08		
5	QPSK	12	0	23.15	23.37	23.23	24.7	1
5	QPSK	12	7	23.17	23.47	23.03		
5	QPSK	12	13	23.20	23.48	23.02		
5	QPSK	25	0	23.16	23.40	23.05		
5	16QAM	1	0	23.33	23.70	23.66	24.7	1
5	16QAM	1	12	23.37	23.74	23.13		
5	16QAM	1	24	23.44	23.72	22.46		
5	16QAM	12	0	22.16	22.43	22.46	23.7	2
5	16QAM	12	7	22.17	22.44	22.19		
5	16QAM	12	13	22.18	22.48	22.01		
5	16QAM	25	0	22.16	22.48	22.08		
5	64QAM	1	0	22.29	22.64	22.62	23.7	2
5	64QAM	1	12	22.33	22.65	22.38		
5	64QAM	1	24	22.32	22.64	22.59		
5	64QAM	12	0	21.17	21.48	21.60	22.7	3
5	64QAM	12	7	21.22	21.49	21.62		
5	64QAM	12	13	21.21	21.51	21.33		
5	64QAM	25	0	21.20	21.48	21.46		
5	256QAM	1	0	19.37	19.66	19.72	20.7	5
5	256QAM	1	12	19.59	19.44	19.55		
5	256QAM	1	24	19.65	19.75	19.75		
5	256QAM	12	0	19.46	19.24	19.42	20.7	5
5	256QAM	12	7	19.73	19.57	19.57		
5	256QAM	12	13	19.23	19.47	19.37		
5	256QAM	25	0	19.20	19.62	19.66		

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.56	22.91	22.89	24.5	0
20	QPSK	1	49	22.55	22.86	22.81		
20	QPSK	1	99	22.51	22.79	22.76		
20	QPSK	50	0	21.76	21.94	21.86	23.5	1
20	QPSK	50	24	21.62	21.85	21.83		
20	QPSK	50	50	21.55	21.80	21.75		
20	QPSK	100	0	21.65	21.85	21.83		
20	16QAM	1	0	21.83	22.28	22.25		
20	16QAM	1	49	21.52	22.37	22.10	23.5	1
20	16QAM	1	99	22.21	22.33	22.11		
20	16QAM	50	0	20.59	20.74	20.84	22.5	2
20	16QAM	50	24	20.67	20.83	20.79		
20	16QAM	50	50	20.69	20.93	20.86		
20	16QAM	100	0	20.56	20.74	20.80		
20	64QAM	1	0	20.58	20.93	21.08	22.5	2
20	64QAM	1	49	20.80	21.07	21.05		
20	64QAM	1	99	20.76	21.14	20.85		
20	64QAM	50	0	19.61	19.70	19.74	21.5	3
20	64QAM	50	24	19.62	19.78	19.77		
20	64QAM	50	50	19.73	19.93	19.87		
20	64QAM	100	0	19.62	19.81	19.83		
20	256QAM	1	0	17.88	17.91	18.25	19.5	5
20	256QAM	1	49	17.80	17.94	18.33		
20	256QAM	1	99	17.72	18.02	18.30		
20	256QAM	50	0	17.70	17.94	18.27	19.5	5
20	256QAM	50	24	17.74	17.85	18.21		
20	256QAM	50	50	17.76	17.91	18.22		
20	256QAM	100	0	17.75	17.87	18.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.70	22.90	22.72	24.5	0
15	QPSK	1	37	22.73	22.87	22.81		
15	QPSK	1	74	22.53	22.84	22.59		
15	QPSK	36	0	21.57	21.67	21.75	23.5	1
15	QPSK	36	20	21.58	21.77	21.83		
15	QPSK	36	39	21.61	21.83	21.83		
15	QPSK	75	0	21.58	21.78	21.75		
15	16QAM	1	0	22.04	22.21	21.91	23.5	1
15	16QAM	1	37	21.73	22.23	22.08		
15	16QAM	1	74	21.86	22.35	21.93		
15	16QAM	36	0	20.57	20.63	20.78	22.5	2
15	16QAM	36	20	20.52	20.67	20.81		
15	16QAM	36	39	20.61	20.90	20.88		
15	16QAM	75	0	20.51	20.75	20.81		
15	64QAM	1	0	20.62	20.92	20.88	22.5	2
15	64QAM	1	37	20.78	21.09	21.02		
15	64QAM	1	74	20.53	21.15	20.82		
15	64QAM	36	0	19.67	19.70	19.81	21.5	3
15	64QAM	36	20	19.58	19.82	19.87		
15	64QAM	36	39	19.68	19.87	19.86		
15	64QAM	75	0	19.58	19.78	19.82		
15	256QAM	1	0	17.68	17.73	17.63	19.5	5
15	256QAM	1	37	17.58	17.86	17.73		
15	256QAM	1	74	17.70	17.58	17.74		
15	256QAM	36	0	17.66	17.74	17.79	19.5	5
15	256QAM	36	20	17.69	17.82	17.85		
15	256QAM	36	39	17.58	17.85	17.92		
15	256QAM	75	0	17.80	17.61	17.75		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.58	22.77	22.76	24.5	0
10	QPSK	1	25	22.66	22.89	22.80		
10	QPSK	1	49	22.63	22.85	22.58		
10	QPSK	25	0	21.53	21.73	21.84	23.5	1
10	QPSK	25	12	21.51	21.79	21.87		
10	QPSK	25	25	21.57	21.83	21.81		
10	QPSK	50	0	21.55	21.74	21.84		
10	16QAM	1	0	21.85	22.22	22.25	23.5	1
10	16QAM	1	25	21.56	21.93	22.27		
10	16QAM	1	49	21.53	22.00	21.99		
10	16QAM	25	0	20.53	20.69	20.82	22.5	2
10	16QAM	25	12	20.53	20.66	20.91		
10	16QAM	25	25	20.59	20.85	20.85		
10	16QAM	50	0	20.57	20.73	20.76		
10	64QAM	1	0	20.80	20.58	21.10	22.5	2
10	64QAM	1	25	20.79	21.16	20.60		
10	64QAM	1	49	20.79	20.52	20.62		
10	64QAM	25	0	19.57	19.71	19.91	21.5	3
10	64QAM	25	12	19.54	19.73	19.84		
10	64QAM	25	25	19.62	19.73	19.73		
10	64QAM	50	0	19.56	19.78	19.81		
10	256QAM	1	0	17.86	17.78	17.60	19.5	5
10	256QAM	1	25	17.77	17.79	17.67		
10	256QAM	1	49	17.80	17.62	17.58		
10	256QAM	25	0	17.93	17.67	17.73	19.5	5
10	256QAM	25	12	17.61	17.83	17.88		
10	256QAM	25	25	17.58	17.78	17.75		
10	256QAM	50	0	17.61	17.74	17.96		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.59	22.89	22.76	24.5	0
5	QPSK	1	12	22.55	22.87	22.56		
5	QPSK	1	24	22.54	22.87	22.53		
5	QPSK	12	0	21.50	21.74	21.82	23.5	1
5	QPSK	12	7	21.54	21.77	21.82		
5	QPSK	12	13	21.55	21.74	21.61		
5	QPSK	25	0	21.55	21.78	21.73		
5	16QAM	1	0	21.57	22.34	22.01	23.5	1
5	16QAM	1	12	21.71	22.07	21.75		
5	16QAM	1	24	21.63	22.00	21.79		
5	16QAM	12	0	20.53	20.63	20.78	22.5	2
5	16QAM	12	7	20.53	20.72	20.77		
5	16QAM	12	13	20.60	20.62	20.84		
5	16QAM	25	0	20.51	20.80	20.84		
5	64QAM	1	0	20.57	21.16	20.56	22.5	2
5	64QAM	1	12	20.66	20.96	21.01		
5	64QAM	1	24	20.52	20.82	20.97		
5	64QAM	12	0	19.54	19.74	19.63	21.5	3
5	64QAM	12	7	19.50	19.90	19.90		
5	64QAM	12	13	19.51	19.74	19.86		
5	64QAM	25	0	19.50	19.81	19.82		
5	256QAM	1	0	17.66	17.93	17.84	19.5	5
5	256QAM	1	12	17.77	17.65	17.79		
5	256QAM	1	24	17.72	17.61	17.88		
5	256QAM	12	0	17.80	17.60	17.81	19.5	5
5	256QAM	12	7	17.91	17.68	17.73		
5	256QAM	12	13	17.76	17.66	17.65		
5	256QAM	25	0	17.85	17.69	17.59		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.81	22.54	22.46	24	0
20	QPSK	1	49	22.83	22.52	22.45		
20	QPSK	1	99	22.89	22.46	22.47		
20	QPSK	50	0	21.64	21.31	21.32	23	1
20	QPSK	50	24	21.63	21.24	21.26		
20	QPSK	50	50	21.54	21.23	21.26		
20	QPSK	100	0	21.55	21.29	21.28		
20	16QAM	1	0	21.64	21.37	21.26	23	1
20	16QAM	1	49	21.62	21.27	21.33		
20	16QAM	1	99	21.54	21.25	21.30		
20	16QAM	50	0	20.61	20.33	20.30	22	2
20	16QAM	50	24	20.59	20.25	20.31		
20	16QAM	50	50	20.56	20.22	20.28		
20	16QAM	100	0	20.56	20.24	20.31		
20	64QAM	1	0	20.32	20.03	20.07	22	2
20	64QAM	1	49	20.29	20.02	20.05		
20	64QAM	1	99	20.26	20.01	20.02		
20	64QAM	50	0	19.59	19.31	19.34	21	3
20	64QAM	50	24	19.61	19.26	19.36		
20	64QAM	50	50	19.56	19.25	19.28		
20	64QAM	100	0	19.62	19.29	19.26		
20	256QAM	1	0	17.24	17.34	17.09	19	5
20	256QAM	1	49	17.27	17.24	17.31		
20	256QAM	1	99	17.19	17.19	17.24		
20	256QAM	50	0	17.35	17.09	17.33	19	5
20	256QAM	50	24	17.14	17.23	17.30		
20	256QAM	50	50	17.22	17.20	17.22		
20	256QAM	100	0	17.30	17.30	17.20		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.77	22.36	22.36	24	0
15	QPSK	1	37	22.78	22.37	22.33		
15	QPSK	1	74	22.70	22.39	22.36		
15	QPSK	36	0	21.73	21.32	21.23	23	1
15	QPSK	36	20	21.69	21.25	21.29		
15	QPSK	36	39	21.68	21.24	21.24		
15	QPSK	75	0	21.71	21.27	21.25		
15	16QAM	1	0	21.72	21.33	21.29	23	1
15	16QAM	1	37	21.79	21.35	21.31		
15	16QAM	1	74	21.69	21.23	21.38		
15	16QAM	36	0	20.71	20.23	20.27	22	2
15	16QAM	36	20	20.59	20.18	20.25		
15	16QAM	36	39	20.60	20.17	20.25		
15	16QAM	75	0	20.69	20.28	20.30		
15	64QAM	1	0	20.53	20.11	20.09	22	2
15	64QAM	1	37	20.52	20.01	20.02		
15	64QAM	1	74	20.52	20.06	20.02		
15	64QAM	36	0	19.73	19.33	19.27	21	3
15	64QAM	36	20	19.70	19.27	19.31		
15	64QAM	36	39	19.64	19.25	19.28		
15	64QAM	75	0	19.73	19.34	19.36		
15	256QAM	1	0	17.23	17.34	17.20	19	5
15	256QAM	1	37	17.17	17.35	17.32		
15	256QAM	1	74	17.19	17.10	17.15		
15	256QAM	36	0	17.17	17.18	17.23	19	5
15	256QAM	36	20	17.11	17.32	17.34		
15	256QAM	36	39	17.09	17.30	17.11		
15	256QAM	75	0	17.34	17.35	17.22		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.86	22.27	22.44	24	0
10	QPSK	1	25	22.81	22.31	22.29		
10	QPSK	1	49	22.77	22.29	22.45		
10	QPSK	25	0	21.77	21.40	21.32	23	1
10	QPSK	25	12	21.71	21.25	21.20		
10	QPSK	25	25	21.72	21.18	21.18		
10	QPSK	50	0	21.78	21.24	21.21		
10	16QAM	1	0	21.73	21.27	21.35	23	1
10	16QAM	1	25	21.78	21.44	21.36		
10	16QAM	1	49	21.66	21.29	21.33		
10	16QAM	25	0	20.61	20.22	20.26	22	2
10	16QAM	25	12	20.65	20.15	20.21		
10	16QAM	25	25	20.62	20.25	20.16		
10	16QAM	50	0	20.73	20.22	20.30		
10	64QAM	1	0	20.52	20.01	20.03	22	2
10	64QAM	1	25	20.51	20.14	20.02		
10	64QAM	1	49	20.46	20.03	20.03		
10	64QAM	25	0	19.75	19.26	19.21	21	3
10	64QAM	25	12	19.62	19.28	19.38		
10	64QAM	25	25	19.71	19.15	19.30		
10	64QAM	50	0	19.75	19.26	19.27		
10	256QAM	1	0	17.23	17.34	17.20	19	5
10	256QAM	1	25	17.17	17.35	17.32		
10	256QAM	1	49	17.19	17.10	17.15		
10	256QAM	25	0	17.17	17.18	17.23	19	5
10	256QAM	25	12	17.11	17.32	17.34		
10	256QAM	25	25	17.09	17.30	17.11		
10	256QAM	50	0	17.34	17.35	17.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.84	22.29	22.29	24	0
5	QPSK	1	12	22.80	22.46	22.28		
5	QPSK	1	24	22.78	22.43	22.46		
5	QPSK	12	0	21.70	21.40	21.25	23	1
5	QPSK	12	7	21.74	21.17	21.20		
5	QPSK	12	13	21.62	21.23	21.16		
5	QPSK	25	0	21.75	21.15	21.17		
5	16QAM	1	0	21.68	21.39	21.31	23	1
5	16QAM	1	12	21.72	21.33	21.23		
5	16QAM	1	24	21.79	21.17	21.40		
5	16QAM	12	0	20.73	20.32	20.21	22	2
5	16QAM	12	7	20.56	20.20	20.30		
5	16QAM	12	13	20.50	20.27	20.26		
5	16QAM	25	0	20.77	20.19	20.30		
5	64QAM	1	0	20.59	20.15	20.04	22	2
5	64QAM	1	12	20.62	20.09	20.07		
5	64QAM	1	24	20.53	20.10	20.03		
5	64QAM	12	0	19.65	19.40	19.24	21	3
5	64QAM	12	7	19.65	19.19	19.35		
5	64QAM	12	13	19.59	19.21	19.32		
5	64QAM	25	0	19.74	19.30	19.45		
5	256QAM	1	0	17.23	17.34	17.20	19	5
5	256QAM	1	12	17.17	17.35	17.32		
5	256QAM	1	24	17.19	17.10	17.15		
5	256QAM	12	0	17.17	17.18	17.23	19	5
5	256QAM	12	7	17.11	17.32	17.34		
5	256QAM	12	13	17.09	17.30	17.11		
5	256QAM	25	0	17.34	17.35	17.22		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.54	24.39	24.36	25.5	0
20	QPSK	1	49	24.55	24.38	24.36		
20	QPSK	1	99	24.66	24.37	24.31		
20	QPSK	50	0	23.57	23.32	23.39	24.5	1
20	QPSK	50	24	23.56	23.29	23.39		
20	QPSK	50	50	23.52	23.35	23.38		
20	QPSK	100	0	23.49	23.27	23.41		
20	16QAM	1	0	23.56	23.31	23.30	24.5	1
20	16QAM	1	49	23.50	23.36	23.34		
20	16QAM	1	99	23.56	23.38	23.35		
20	16QAM	50	0	22.53	22.33	22.38	23.5	2
20	16QAM	50	24	22.58	22.33	22.39		
20	16QAM	50	50	22.61	22.33	22.33		
20	16QAM	100	0	22.50	22.25	22.36		
20	64QAM	1	0	22.29	22.06	22.05	23.5	2
20	64QAM	1	49	22.25	22.06	22.10		
20	64QAM	1	99	22.28	22.00	22.11		
20	64QAM	50	0	21.50	21.31	21.38	22.5	3
20	64QAM	50	24	21.59	21.31	21.40		
20	64QAM	50	50	21.54	21.35	21.42		
20	64QAM	100	0	21.55	21.27	21.37		
20	256QAM	1	0	19.09	19.33	19.23	20.5	5
20	256QAM	1	49	19.38	19.45	18.98		
20	256QAM	1	99	19.20	19.26	19.13		
20	256QAM	50	0	19.32	18.95	19.03	20.5	5
20	256QAM	50	24	19.38	19.27	19.37		
20	256QAM	50	50	19.29	19.11	18.94		
20	256QAM	100	0	19.32	19.40	19.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.61	24.33	24.32	25.5	0
15	QPSK	1	37	24.56	24.33	24.39		
15	QPSK	1	74	24.60	24.34	24.34		
15	QPSK	36	0	23.43	23.21	23.41	24.5	1
15	QPSK	36	20	23.52	23.24	23.28		
15	QPSK	36	39	23.55	23.23	23.29		
15	QPSK	75	0	23.54	23.18	23.32		
15	16QAM	1	0	23.51	23.24	23.29	24.5	1
15	16QAM	1	37	23.57	23.31	23.33		
15	16QAM	1	74	23.58	23.28	23.38		
15	16QAM	36	0	22.44	22.18	22.30	23.5	2
15	16QAM	36	20	22.47	22.25	22.25		
15	16QAM	36	39	22.54	22.18	22.29		
15	16QAM	75	0	22.55	22.23	22.36		
15	64QAM	1	0	22.32	22.04	22.09	23.5	2
15	64QAM	1	37	22.30	22.06	22.12		
15	64QAM	1	74	22.34	22.00	22.02		
15	64QAM	36	0	21.54	21.26	21.33	22.5	3
15	64QAM	36	20	21.51	21.23	21.26		
15	64QAM	36	39	21.56	21.25	21.34		
15	64QAM	75	0	21.52	21.24	21.30		
15	256QAM	1	0	19.32	19.06	19.37	20.5	5
15	256QAM	1	37	19.44	19.01	19.00		
15	256QAM	1	74	19.25	18.98	18.90		
15	256QAM	36	0	19.02	19.26	19.00	20.5	5
15	256QAM	36	20	19.15	19.21	18.92		
15	256QAM	36	39	19.36	18.95	18.94		
15	256QAM	75	0	19.12	18.91	19.31		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.56	24.31	24.43	25.5	0
10	QPSK	1	25	24.57	24.27	24.31		
10	QPSK	1	49	24.60	24.27	24.40		
10	QPSK	25	0	23.50	23.29	23.34	24.5	1
10	QPSK	25	12	23.59	23.27	23.37		
10	QPSK	25	25	23.55	23.27	23.34		
10	QPSK	50	0	23.52	23.30	23.42		
10	16QAM	1	0	23.55	23.28	23.37	24.5	1
10	16QAM	1	25	23.68	23.31	23.30		
10	16QAM	1	49	23.69	23.24	23.36		
10	16QAM	25	0	22.61	22.33	22.42	23.5	2
10	16QAM	25	12	22.57	22.24	22.44		
10	16QAM	25	25	22.57	22.27	22.37		
10	16QAM	50	0	22.54	22.33	22.39		
10	64QAM	1	0	22.33	22.05	22.08	23.5	2
10	64QAM	1	25	22.28	22.03	22.09		
10	64QAM	1	49	22.36	22.05	22.08		
10	64QAM	25	0	21.57	21.31	21.46	22.5	3
10	64QAM	25	12	21.60	21.31	21.42		
10	64QAM	25	25	21.64	21.30	21.44		
10	64QAM	50	0	21.58	21.26	21.31		
10	256QAM	1	0	19.04	18.94	19.27	20.5	5
10	256QAM	1	25	19.14	19.29	19.05		
10	256QAM	1	49	19.06	19.32	19.33		
10	256QAM	25	0	19.33	19.35	19.15	20.5	5
10	256QAM	25	12	19.31	19.20	18.98		
10	256QAM	25	25	19.16	18.96	19.37		
10	256QAM	50	0	19.42	19.02	19.28		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.52	24.21	24.33	25.5	0
5	QPSK	1	12	24.59	24.18	24.41		
5	QPSK	1	24	24.54	24.20	24.37		
5	QPSK	12	0	23.53	23.14	23.32	24.5	1
5	QPSK	12	7	23.46	23.17	23.36		
5	QPSK	12	13	23.45	23.19	23.28		
5	QPSK	25	0	23.49	23.26	23.35		
5	16QAM	1	0	23.56	23.25	23.29	24.5	1
5	16QAM	1	12	23.57	23.18	23.33		
5	16QAM	1	24	23.54	23.22	23.41		
5	16QAM	12	0	22.44	22.12	22.22	23.5	2
5	16QAM	12	7	22.40	22.08	22.27		
5	16QAM	12	13	22.36	22.10	22.21		
5	16QAM	25	0	22.53	22.23	22.43		
5	64QAM	1	0	22.27	21.96	22.07	23.5	2
5	64QAM	1	12	22.31	21.98	22.12		
5	64QAM	1	24	22.25	21.96	22.11		
5	64QAM	12	0	21.52	21.21	21.31	22.5	3
5	64QAM	12	7	21.55	21.20	21.34		
5	64QAM	12	13	21.51	21.20	21.35		
5	64QAM	25	0	21.54	21.28	21.45		
5	256QAM	1	0	19.02	19.04	19.28	20.5	5
5	256QAM	1	12	18.97	19.01	19.08		
5	256QAM	1	24	19.22	19.11	19.19		
5	256QAM	12	0	19.44	19.20	19.35	20.5	5
5	256QAM	12	7	18.96	19.05	19.30		
5	256QAM	12	13	19.30	18.94	19.00		
5	256QAM	25	0	19.06	19.08	19.36		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.86	24.68	24.73	25.7	0
20	QPSK	1	49	24.84	24.70	24.78		
20	QPSK	1	99	25.06	24.73	24.95		
20	QPSK	50	0	23.99	23.78	23.92	24.7	1
20	QPSK	50	24	23.94	23.82	23.88		
20	QPSK	50	50	23.87	23.75	23.89		
20	QPSK	100	0	24.01	23.89	23.94		
20	16QAM	1	0	24.04	23.89	23.98	24.7	1
20	16QAM	1	49	24.09	23.88	24.00		
20	16QAM	1	99	23.86	23.77	23.92		
20	16QAM	50	0	22.96	22.80	22.94	23.7	2
20	16QAM	50	24	23.00	22.82	22.93		
20	16QAM	50	50	22.92	22.79	22.92		
20	16QAM	100	0	22.87	22.72	22.78		
20	64QAM	1	0	22.88	22.69	22.85	23.7	2
20	64QAM	1	49	22.95	22.75	22.84		
20	64QAM	1	99	22.87	22.74	22.92		
20	64QAM	50	0	21.98	21.78	21.96	22.7	3
20	64QAM	50	24	22.00	21.83	21.91		
20	64QAM	50	50	21.94	21.74	21.94		
20	64QAM	100	0	21.98	21.78	21.96		
20	256QAM	1	0	19.95	19.95	19.96	20.7	5
20	256QAM	1	49	19.91	19.92	19.98		
20	256QAM	1	99	19.90	19.94	19.97		
20	256QAM	50	0	20.14	20.15	20.22	20.7	5
20	256QAM	50	24	20.18	20.13	20.23		
20	256QAM	50	50	20.15	20.15	20.17		
20	256QAM	100	0	20.11	20.09	20.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.99	24.81	24.84	25.7	0
15	QPSK	1	37	24.93	24.73	24.86		
15	QPSK	1	74	24.94	24.76	24.91		
15	QPSK	36	0	23.83	23.75	23.92	24.7	1
15	QPSK	36	20	23.89	23.73	23.89		
15	QPSK	36	39	23.96	23.71	23.86		
15	QPSK	75	0	23.81	23.70	23.93		
15	16QAM	1	0	24.02	23.85	23.95	24.7	1
15	16QAM	1	37	24.06	23.86	24.02		
15	16QAM	1	74	24.07	23.84	23.99		
15	16QAM	36	0	22.84	22.70	22.87	23.7	2
15	16QAM	36	20	22.83	22.76	22.87		
15	16QAM	36	39	22.93	22.74	22.85		
15	16QAM	75	0	22.96	22.66	22.87		
15	64QAM	1	0	22.91	22.70	22.79	23.7	2
15	64QAM	1	37	22.97	22.73	22.87		
15	64QAM	1	74	22.92	22.72	22.84		
15	64QAM	36	0	21.88	21.77	21.89	22.7	3
15	64QAM	36	20	21.94	21.75	21.90		
15	64QAM	36	39	21.97	21.78	21.87		
15	64QAM	75	0	21.92	21.74	21.89		
15	256QAM	1	0	19.72	19.71	19.93	20.7	5
15	256QAM	1	37	19.73	19.71	19.87		
15	256QAM	1	74	19.85	19.95	19.91		
15	256QAM	36	0	19.65	19.81	19.73	20.7	5
15	256QAM	36	20	19.55	19.71	19.57		
15	256QAM	36	39	19.77	19.70	19.57		
15	256QAM	75	0	19.60	19.84	19.86		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.85	24.76	24.86	25.7	0
10	QPSK	1	25	24.88	24.71	24.93		
10	QPSK	1	49	24.79	24.66	24.80		
10	QPSK	25	0	23.87	23.75	23.90	24.7	1
10	QPSK	25	12	23.97	23.80	23.85		
10	QPSK	25	25	23.89	23.77	23.96		
10	QPSK	50	0	23.93	23.77	23.92		
10	16QAM	1	0	23.97	23.75	23.91	24.7	1
10	16QAM	1	25	23.93	23.76	23.95		
10	16QAM	1	49	24.03	23.88	24.02		
10	16QAM	25	0	23.18	22.99	23.09	23.7	2
10	16QAM	25	12	23.21	22.95	23.13		
10	16QAM	25	25	22.88	22.84	23.04		
10	16QAM	50	0	22.98	22.79	22.98		
10	64QAM	1	0	23.03	22.80	22.97	23.7	2
10	64QAM	1	25	22.97	22.79	22.96		
10	64QAM	1	49	22.90	22.74	22.91		
10	64QAM	25	0	22.07	21.84	21.94	22.7	3
10	64QAM	25	12	22.07	21.80	22.05		
10	64QAM	25	25	21.97	21.84	22.04		
10	64QAM	50	0	22.05	21.82	22.04		
10	256QAM	1	0	19.61	19.85	19.76	20.7	5
10	256QAM	1	25	19.92	19.93	19.95		
10	256QAM	1	49	19.70	19.78	19.90		
10	256QAM	25	0	19.81	19.81	19.90	20.7	5
10	256QAM	25	12	19.59	19.68	19.70		
10	256QAM	25	25	19.85	19.92	19.66		
10	256QAM	50	0	19.64	19.73	19.72		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.81	24.63	24.79	25.7	0
5	QPSK	1	12	24.89	24.64	24.77		
5	QPSK	1	24	24.82	24.71	24.85		
5	QPSK	12	0	23.90	23.74	23.90	24.7	1
5	QPSK	12	7	23.90	23.74	23.93		
5	QPSK	12	13	23.87	23.74	23.92		
5	QPSK	25	0	23.88	23.76	23.92		
5	16QAM	1	0	24.04	23.87	24.02	24.7	1
5	16QAM	1	12	24.11	23.82	23.96		
5	16QAM	1	24	24.10	23.88	24.04		
5	16QAM	12	0	22.95	22.78	22.92	23.7	2
5	16QAM	12	7	22.92	22.74	22.87		
5	16QAM	12	13	22.92	22.74	22.93		
5	16QAM	25	0	22.97	22.81	22.96		
5	64QAM	1	0	22.98	22.74	22.97	23.7	2
5	64QAM	1	12	22.98	22.78	22.88		
5	64QAM	1	24	22.98	22.85	22.89		
5	64QAM	12	0	21.90	21.73	21.96	22.7	3
5	64QAM	12	7	21.97	21.76	21.95		
5	64QAM	12	13	21.95	21.77	21.93		
5	64QAM	25	0	22.02	21.80	22.00		
5	256QAM	1	0	19.76	19.67	19.59	20.7	5
5	256QAM	1	12	19.88	19.87	19.55		
5	256QAM	1	24	19.68	19.72	19.65		
5	256QAM	12	0	19.59	19.56	19.63	20.7	5
5	256QAM	12	7	19.57	19.94	19.79		
5	256QAM	12	13	19.84	19.88	19.71		
5	256QAM	25	0	19.75	19.73	19.72		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.03	23.84	23.91	25	0
20	QPSK	1	49	23.95	23.81	23.94		
20	QPSK	1	99	24.12	23.87	23.99		
20	QPSK	50	0	23.12	22.95	23.08	24	1
20	QPSK	50	24	23.10	22.96	23.09		
20	QPSK	50	50	23.11	22.97	23.05		
20	QPSK	100	0	23.08	22.93	23.05		
20	16QAM	1	0	23.24	23.02	23.09	24	1
20	16QAM	1	49	23.27	23.12	23.21		
20	16QAM	1	99	23.29	23.11	23.21		
20	16QAM	50	0	22.09	21.94	22.12	23	2
20	16QAM	50	24	22.16	21.95	22.12		
20	16QAM	50	50	22.14	22.01	22.12		
20	16QAM	100	0	22.13	21.90	22.09		
20	64QAM	1	0	22.06	21.93	22.01	23	2
20	64QAM	1	49	22.09	21.93	22.07		
20	64QAM	1	99	22.16	22.00	22.09		
20	64QAM	50	0	21.10	20.92	21.08	22	3
20	64QAM	50	24	21.14	20.99	21.08		
20	64QAM	50	50	21.18	20.97	21.12		
20	64QAM	100	0	21.07	20.92	21.09		
20	256QAM	1	0	18.66	18.58	18.49	20	5
20	256QAM	1	49	18.57	18.47	18.42		
20	256QAM	1	99	18.49	18.40	18.45		
20	256QAM	50	0	18.82	18.72	18.71	20	5
20	256QAM	50	24	18.83	18.70	18.68		
20	256QAM	50	50	18.76	18.64	18.67		
20	256QAM	100	0	18.73	18.63	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.10	23.91	24.08	25	0
15	QPSK	1	37	24.06	23.94	24.07		
15	QPSK	1	74	24.11	24.07	24.11		
15	QPSK	36	0	23.05	22.96	23.08	24	1
15	QPSK	36	20	23.08	22.93	23.06		
15	QPSK	36	39	23.13	22.94	23.08		
15	QPSK	75	0	23.07	22.93	23.06		
15	16QAM	1	0	23.24	23.07	23.20	24	1
15	16QAM	1	37	23.27	23.08	23.23		
15	16QAM	1	74	23.25	23.06	23.21		
15	16QAM	36	0	21.99	21.89	22.03	23	2
15	16QAM	36	20	22.06	21.91	22.01		
15	16QAM	36	39	22.13	21.93	22.07		
15	16QAM	75	0	22.09	21.92	22.06		
15	64QAM	1	0	22.05	21.94	22.04	23	2
15	64QAM	1	37	22.15	21.97	22.05		
15	64QAM	1	74	22.18	21.98	22.06		
15	64QAM	36	0	21.08	20.98	21.09	22	3
15	64QAM	36	20	21.13	20.92	21.09		
15	64QAM	36	39	21.17	21.00	21.08		
15	64QAM	75	0	21.08	20.94	21.11		
15	256QAM	1	0	18.75	18.71	18.75	20	5
15	256QAM	1	37	18.73	18.82	18.77		
15	256QAM	1	74	18.63	18.83	18.70		
15	256QAM	36	0	18.85	18.79	18.76	20	5
15	256QAM	36	20	18.53	18.70	18.57		
15	256QAM	36	39	18.53	18.56	18.73		
15	256QAM	75	0	18.60	18.62	18.79		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.00	23.83	23.96	25	0
10	QPSK	1	25	24.11	23.88	23.96		
10	QPSK	1	49	24.06	23.89	23.97		
10	QPSK	25	0	23.12	23.02	23.12	24	1
10	QPSK	25	12	23.14	22.96	23.11		
10	QPSK	25	25	23.13	22.93	23.09		
10	QPSK	50	0	23.07	22.96	23.11		
10	16QAM	1	0	23.31	23.03	23.20	24	1
10	16QAM	1	25	23.31	23.13	23.19		
10	16QAM	1	49	23.35	23.08	23.21		
10	16QAM	25	0	22.12	21.98	22.18	23	2
10	16QAM	25	12	22.21	21.99	22.18		
10	16QAM	25	25	22.20	21.96	22.14		
10	16QAM	50	0	22.13	21.95	22.15		
10	64QAM	1	0	22.12	21.94	22.09	23	2
10	64QAM	1	25	22.15	21.95	22.04		
10	64QAM	1	49	22.16	21.90	22.12		
10	64QAM	25	0	21.17	21.08	21.21	22	3
10	64QAM	25	12	21.22	21.00	21.18		
10	64QAM	25	25	21.23	20.99	21.17		
10	64QAM	50	0	21.14	20.94	21.16		
10	256QAM	1	0	18.73	18.83	18.74	20	5
10	256QAM	1	25	18.82	18.76	18.74		
10	256QAM	1	49	18.83	18.64	18.58		
10	256QAM	25	0	18.77	18.66	18.63	20	5
10	256QAM	25	12	18.69	18.70	18.65		
10	256QAM	25	25	18.68	18.72	18.61		
10	256QAM	50	0	18.73	18.51	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.05	23.90	24.02	25	0
5	QPSK	1	12	24.08	23.86	23.99		
5	QPSK	1	24	24.06	23.83	24.08		
5	QPSK	12	0	23.14	22.95	23.10	24	1
5	QPSK	12	7	23.14	22.91	23.12		
5	QPSK	12	13	23.10	22.96	23.10		
5	QPSK	25	0	23.12	22.96	23.11		
5	16QAM	1	0	23.33	23.06	23.19	24	1
5	16QAM	1	12	23.33	23.08	23.25		
5	16QAM	1	24	23.34	23.06	23.36		
5	16QAM	12	0	22.13	21.93	22.12	23	2
5	16QAM	12	7	22.13	21.97	22.14		
5	16QAM	12	13	22.13	21.96	22.09		
5	16QAM	25	0	22.13	22.02	22.18		
5	64QAM	1	0	22.17	21.96	22.13	23	2
5	64QAM	1	12	22.17	21.93	22.04		
5	64QAM	1	24	22.17	21.98	22.14		
5	64QAM	12	0	21.17	20.98	21.10	22	3
5	64QAM	12	7	21.19	20.97	21.12		
5	64QAM	12	13	21.17	20.99	21.15		
5	64QAM	25	0	21.24	21.05	21.26		
5	256QAM	1	0	18.53	18.50	18.66	20	5
5	256QAM	1	12	18.67	18.59	18.59		
5	256QAM	1	24	18.80	18.68	18.52		
5	256QAM	12	0	18.77	18.71	18.68	20	5
5	256QAM	12	7	18.66	18.76	18.78		
5	256QAM	12	13	18.81	18.81	18.59		
5	256QAM	25	0	18.63	18.82	18.60		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.04	23.24	23.38	23.24	23.09	24	0
20	QPSK	1	49	23.10	23.31	23.35	23.25	23.18		
20	QPSK	1	99	23.15	23.48	23.47	23.33	23.21		
20	QPSK	50	0	22.15	22.42	22.41	22.35	22.21	23	1
20	QPSK	50	24	22.11	22.29	22.37	22.22	22.16		
20	QPSK	50	50	22.14	22.27	22.35	22.31	22.11		
20	QPSK	100	0	22.12	22.38	22.37	22.25	22.13		
20	16QAM	1	0	22.11	22.33	22.43	22.25	22.17	23	1
20	16QAM	1	49	22.12	22.24	22.30	22.28	22.14		
20	16QAM	1	99	22.13	22.27	22.35	22.31	22.08		
20	16QAM	50	0	21.09	21.28	21.45	21.24	21.22	22	2
20	16QAM	50	24	21.11	21.31	21.43	21.27	21.19		
20	16QAM	50	50	21.14	21.29	21.38	21.27	21.18		
20	16QAM	100	0	21.15	21.25	21.36	21.27	21.16		
20	64QAM	1	0	20.92	20.96	21.18	20.96	20.85	22	2
20	64QAM	1	49	20.82	20.98	21.08	20.95	20.82		
20	64QAM	1	99	20.80	20.98	21.03	20.92	20.82		
20	64QAM	50	0	20.05	20.25	20.39	20.21	20.16	21	3
20	64QAM	50	24	20.08	20.25	20.38	20.23	20.14		
20	64QAM	50	50	20.13	20.29	20.33	20.23	20.13		
20	64QAM	100	0	20.08	20.24	20.31	20.18	20.17		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	5
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90		
20	256QAM	1	99	17.84	17.70	17.60	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71	19	5
20	256QAM	50	24	17.85	17.75	17.93	17.63	17.86		
20	256QAM	50	50	17.71	17.84	17.67	17.65	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.65	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.12	23.31	23.45	23.24	23.27	24.00	0
15	QPSK	1	37	23.14	23.28	23.35	23.17	23.08		
15	QPSK	1	74	23.11	23.23	23.42	23.22	23.06		
15	QPSK	36	0	22.16	22.19	22.38	22.30	22.03	23	1
15	QPSK	36	20	22.14	22.24	22.35	22.19	22.24		
15	QPSK	36	39	22.05	22.18	22.38	22.27	22.07		
15	QPSK	75	0	22.10	22.28	22.30	22.15	22.12		
15	16QAM	1	0	22.11	22.32	22.51	22.30	22.17	23	1
15	16QAM	1	37	22.18	22.14	22.22	22.28	22.21		
15	16QAM	1	74	22.13	22.24	22.38	22.22	22.10		
15	16QAM	36	0	21.14	21.38	21.51	21.20	21.15	22	2
15	16QAM	36	20	21.07	21.29	21.45	21.34	21.13		
15	16QAM	36	39	21.18	21.22	21.28	21.37	21.20		
15	16QAM	75	0	21.16	21.25	21.40	21.26	21.10		
15	64QAM	1	0	20.86	20.87	21.20	20.90	20.82	22	2
15	64QAM	1	37	20.74	21.03	21.05	20.92	20.75		
15	64QAM	1	74	20.82	21.06	21.05	20.88	20.89		
15	64QAM	36	0	20.08	20.32	20.49	20.14	20.24	21	3
15	64QAM	36	20	20.15	20.30	20.35	20.23	20.08		
15	64QAM	36	39	20.09	20.24	20.35	20.24	20.14		
15	64QAM	75	0	19.99	20.22	20.27	20.18	20.27		
15	256QAM	1	0	17.95	17.71	17.93	17.79	17.88	19	5
15	256QAM	1	37	17.68	17.59	17.69	17.61	17.81		
15	256QAM	1	74	17.89	17.65	17.68	17.68	17.71		
15	256QAM	36	0	17.64	17.65	17.58	17.89	17.60	19	5
15	256QAM	36	20	17.79	17.87	17.86	17.93	17.94		
15	256QAM	36	39	17.63	17.69	17.67	17.93	17.90		
15	256QAM	75	0	17.87	17.72	17.81	17.65	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.17	23.24	23.28	23.27	23.29	24.00	0
10	QPSK	1	25	23.19	23.22	23.37	23.17	23.14		
10	QPSK	1	49	23.04	23.23	23.34	23.24	23.06		
10	QPSK	25	0	22.24	22.31	22.50	22.30	22.11	23	1
10	QPSK	25	12	22.20	22.29	22.43	22.28	22.25		
10	QPSK	25	25	22.15	22.34	22.26	22.26	22.07		
10	QPSK	50	0	22.18	22.15	22.43	22.25	22.14		
10	16QAM	1	0	22.05	22.43	22.47	22.25	22.24	23	1
10	16QAM	1	25	22.09	22.31	22.31	22.21	22.19		
10	16QAM	1	49	22.18	22.17	22.26	22.22	21.99		
10	16QAM	25	0	21.11	21.29	21.52	21.32	21.26	22	2
10	16QAM	25	12	21.02	21.27	21.45	21.27	21.22		
10	16QAM	25	25	21.04	21.27	21.39	21.33	21.18		
10	16QAM	50	0	21.12	21.34	21.36	21.31	21.26		
10	64QAM	1	0	20.98	20.89	21.26	20.87	20.89	22	2
10	64QAM	1	25	20.77	20.95	21.04	21.01	20.82		
10	64QAM	1	49	20.82	21.07	20.95	20.89	20.86		
10	64QAM	25	0	20.13	20.28	20.48	20.13	20.21	21	3
10	64QAM	25	12	20.14	20.31	20.28	20.15	20.04		
10	64QAM	25	25	20.19	20.37	20.43	20.21	20.20		
10	64QAM	50	0	20.18	20.24	20.27	20.24	20.09		
10	256QAM	1	0	17.79	17.83	17.87	17.64	17.77	19	5
10	256QAM	1	25	17.85	17.91	17.65	17.76	17.94		
10	256QAM	1	49	17.92	17.87	17.79	17.91	17.69		
10	256QAM	25	0	17.65	17.77	17.91	17.73	17.88	19	5
10	256QAM	25	12	17.63	17.61	17.75	17.75	17.76		
10	256QAM	25	25	17.64	17.90	17.81	17.90	17.92		
10	256QAM	50	0	17.88	17.85	17.86	17.81	17.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.04	23.21	23.41	23.26	23.14	24.00	0
5	QPSK	1	12	23.10	23.35	23.34	23.24	23.09		
5	QPSK	1	24	23.18	23.26	23.37	23.35	23.06		
5	QPSK	12	0	22.14	22.33	22.35	22.30	22.17	23	1
5	QPSK	12	7	22.20	22.20	22.36	22.13	22.25		
5	QPSK	12	13	22.05	22.37	22.38	22.27	22.20		
5	QPSK	25	0	22.11	22.20	22.38	22.22	22.22		
5	16QAM	1	0	22.06	22.24	22.34	22.35	22.09	23	1
5	16QAM	1	12	22.10	22.32	22.22	22.34	22.20		
5	16QAM	1	24	22.05	22.21	22.39	22.37	22.12		
5	16QAM	12	0	21.15	21.38	21.47	21.21	21.12	22	2
5	16QAM	12	7	21.12	21.29	21.53	21.30	21.22		
5	16QAM	12	13	21.21	21.25	21.44	21.20	21.21		
5	16QAM	25	0	21.13	21.19	21.41	21.18	21.09		
5	64QAM	1	0	20.89	20.88	21.18	20.88	20.91	22	2
5	64QAM	1	12	20.90	21.07	21.17	21.03	20.79		
5	64QAM	1	24	20.72	21.03	21.09	20.89	20.90		
5	64QAM	12	0	20.11	20.24	20.45	20.31	20.17	21	3
5	64QAM	12	7	20.09	20.21	20.40	20.27	20.13		
5	64QAM	12	13	20.21	20.31	20.41	20.14	20.17		
5	64QAM	25	0	20.03	20.21	20.21	20.12	20.16		
5	256QAM	1	0	17.61	17.59	17.59	17.92	17.69	19	5
5	256QAM	1	12	17.89	17.69	17.92	17.94	17.75		
5	256QAM	1	24	17.62	17.72	17.88	17.79	17.69		
5	256QAM	12	0	17.86	17.91	17.85	17.60	17.84	19	5
5	256QAM	12	7	17.90	17.74	17.59	17.73	17.70		
5	256QAM	12	13	17.65	17.95	17.67	17.92	17.69		
5	256QAM	25	0	17.78	17.91	17.84	17.67	17.60		

Band 41_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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.63	24.70	24.95	24.77	25.05	25.5	0
20	QPSK	1	49	24.62	24.79	25.06	24.73	25.03		
20	QPSK	1	99	24.67	25.13	25.12	24.78	25.10		
20	QPSK	50	0	23.82	24.15	24.14	23.79	24.07	24.5	1
20	QPSK	50	24	23.63	23.79	24.09	23.74	24.06		
20	QPSK	50	50	23.69	23.83	24.09	23.71	24.04		
20	QPSK	100	0	23.66	24.05	24.03	23.81	24.02		
20	16QAM	1	0	23.64	23.86	24.00	23.72	23.97	24.5	1
20	16QAM	1	49	23.70	23.70	24.05	23.79	24.01		
20	16QAM	1	99	23.68	23.80	24.08	23.84	24.00		
20	16QAM	50	0	22.59	22.82	23.04	22.82	23.01	23.5	2
20	16QAM	50	24	22.63	22.84	23.05	22.85	23.04		
20	16QAM	50	50	22.72	22.81	23.07	22.88	23.04		
20	16QAM	100	0	22.69	22.77	23.01	22.83	23.00		
20	64QAM	1	0	22.37	22.56	22.72	22.54	22.71	23.5	2
20	64QAM	1	49	22.39	22.57	22.73	22.55	22.79		
20	64QAM	1	99	22.42	22.54	22.80	22.56	22.77		
20	64QAM	50	0	21.57	21.79	21.95	21.85	22.03	22.5	3
20	64QAM	50	24	21.65	21.81	22.02	21.79	22.04		
20	64QAM	50	50	21.74	21.83	21.99	21.81	21.97		
20	64QAM	100	0	21.66	21.77	21.86	21.79	21.99		
20	256QAM	1	0	19.79	19.60	19.86	19.59	19.70	20.5	5
20	256QAM	1	49	19.46	19.52	19.75	19.95	19.62		
20	256QAM	1	99	19.83	19.56	19.77	19.74	19.79		
20	256QAM	50	0	19.78	19.92	19.49	19.65	19.87	20.5	5
20	256QAM	50	24	19.62	19.83	19.77	19.53	19.49		
20	256QAM	50	50	19.74	19.62	19.73	19.93	19.56		
20	256QAM	100	0	19.73	19.58	19.75	19.81	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.60	25.03	24.87	24.82	24.91	25.50	0
15	QPSK	1	37	24.54	25.01	24.83	24.79	24.99		
15	QPSK	1	74	24.61	25.07	24.85	24.88	24.97		
15	QPSK	36	0	23.50	23.95	23.81	23.74	23.94	24.5	1
15	QPSK	36	20	23.50	23.99	23.75	23.75	23.96		
15	QPSK	36	39	23.59	24.02	23.74	23.72	23.95		
15	QPSK	75	0	23.59	23.98	23.81	23.75	23.96		
15	16QAM	1	0	23.63	23.95	23.84	23.74	23.95	24.5	1
15	16QAM	1	37	23.66	23.98	23.76	23.75	23.96		
15	16QAM	1	74	23.65	24.06	23.78	23.73	24.01		
15	16QAM	36	0	22.49	22.91	22.77	22.72	22.92	23.5	2
15	16QAM	36	20	22.51	22.99	22.73	22.69	22.92		
15	16QAM	36	39	22.54	23.01	22.71	22.72	22.91		
15	16QAM	75	0	22.64	23.00	22.74	22.74	22.98		
15	64QAM	1	0	22.35	22.66	22.54	22.42	22.61	23.5	2
15	64QAM	1	37	22.29	22.72	22.51	22.50	22.66		
15	64QAM	1	74	22.30	22.80	22.51	22.43	22.73		
15	64QAM	36	0	21.56	22.00	21.76	21.73	21.95	22.5	3
15	64QAM	36	20	21.53	21.98	21.72	21.70	21.99		
15	64QAM	36	39	21.59	22.00	21.74	21.71	21.94		
15	64QAM	75	0	21.58	21.96	21.73	21.70	21.96		
15	256QAM	1	0	19.49	19.43	19.94	19.45	19.44	20.5	5
15	256QAM	1	37	19.51	19.76	19.46	19.73	19.77		
15	256QAM	1	74	19.88	19.50	19.61	19.62	19.51		
15	256QAM	36	0	19.42	19.63	19.44	19.52	19.58	20.5	5
15	256QAM	36	20	19.73	19.44	19.93	19.64	19.83		
15	256QAM	36	39	19.79	19.83	19.89	19.55	19.88		
15	256QAM	75	0	19.62	19.63	19.90	19.61	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.51	24.96	24.78	24.89	24.91	25.50	0
10	QPSK	1	25	24.45	25.11	24.88	24.73	25.07		
10	QPSK	1	49	24.67	25.10	24.82	24.93	24.91		
10	QPSK	25	0	23.49	23.85	23.75	23.79	24.00	24.5	1
10	QPSK	25	12	23.55	23.96	23.66	23.68	23.87		
10	QPSK	25	25	23.57	24.02	23.82	23.62	23.97		
10	QPSK	50	0	23.62	24.05	23.78	23.83	23.87		
10	16QAM	1	0	23.71	24.01	23.92	23.80	23.96	24.5	1
10	16QAM	1	25	23.59	24.00	23.73	23.80	24.05		
10	16QAM	1	49	23.55	24.11	23.70	23.63	23.95		
10	16QAM	25	0	22.41	22.82	22.84	22.79	22.98	23.5	2
10	16QAM	25	12	22.44	22.91	22.71	22.78	23.01		
10	16QAM	25	25	22.58	23.05	22.78	22.69	22.82		
10	16QAM	50	0	22.71	22.98	22.68	22.68	22.93		
10	64QAM	1	0	22.39	22.67	22.45	22.52	22.57	23.5	2
10	64QAM	1	25	22.34	22.75	22.44	22.45	22.72		
10	64QAM	1	49	22.36	22.83	22.46	22.37	22.68		
10	64QAM	25	0	21.66	21.95	21.76	21.63	21.92	22.5	3
10	64QAM	25	12	21.46	22.04	21.81	21.60	22.07		
10	64QAM	25	25	21.57	21.92	21.66	21.80	21.92		
10	64QAM	50	0	21.56	21.99	21.64	21.71	21.90		
10	256QAM	1	0	19.44	19.47	19.75	19.83	19.66	20.5	5
10	256QAM	1	25	19.78	19.83	19.91	19.68	19.92		
10	256QAM	1	49	19.90	19.92	19.88	19.50	19.92		
10	256QAM	25	0	19.61	19.81	19.86	19.46	19.80	20.5	5
10	256QAM	25	12	19.47	19.61	19.52	19.58	19.73		
10	256QAM	25	25	19.51	19.63	19.64	19.50	19.52		
10	256QAM	50	0	19.86	19.47	19.44	19.49	19.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.70	25.01	24.90	24.72	24.92	25.50	0
5	QPSK	1	12	24.55	24.93	24.92	24.81	24.99		
5	QPSK	1	24	24.70	25.06	24.90	24.93	25.07		
5	QPSK	12	0	23.50	23.97	23.84	23.84	24.04	24.5	1
5	QPSK	12	7	23.46	23.93	23.68	23.75	24.01		
5	QPSK	12	13	23.59	23.92	23.69	23.64	24.05		
5	QPSK	25	0	23.61	23.92	23.73	23.73	23.99		
5	16QAM	1	0	23.70	24.02	23.92	23.75	24.05	24.5	1
5	16QAM	1	12	23.60	24.00	23.84	23.76	23.92		
5	16QAM	1	24	23.57	24.02	23.87	23.70	24.03		
5	16QAM	12	0	22.51	22.90	22.83	22.65	22.99	23.5	2
5	16QAM	12	7	22.53	23.06	22.76	22.77	23.01		
5	16QAM	12	13	22.50	23.00	22.76	22.65	22.86		
5	16QAM	25	0	22.59	23.01	22.64	22.70	23.00		
5	64QAM	1	0	22.30	22.71	22.45	22.39	22.70	23.5	2
5	64QAM	1	12	22.26	22.62	22.42	22.53	22.69		
5	64QAM	1	24	22.30	22.76	22.45	22.34	22.81		
5	64QAM	12	0	21.52	22.07	21.70	21.70	21.90	22.5	3
5	64QAM	12	7	21.60	22.01	21.70	21.71	21.99		
5	64QAM	12	13	21.53	21.92	21.66	21.77	21.85		
5	64QAM	25	0	21.48	22.06	21.70	21.74	21.91		
5	256QAM	1	0	19.44	19.83	19.82	19.85	19.81	20.5	5
5	256QAM	1	12	19.75	19.90	19.72	19.71	19.94		
5	256QAM	1	24	19.40	19.92	19.63	19.46	19.44		
5	256QAM	12	0	19.48	19.71	19.64	19.85	19.40	20.5	5
5	256QAM	12	7	19.58	19.77	19.55	19.73	19.81		
5	256QAM	12	13	19.70	19.55	19.94	19.95	19.71		
5	256QAM	25	0	19.64	19.54	19.80	19.42	19.52		

Band 41_Ant 3

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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.16	25.33	25.57	25.50	25.52	25.7	0
20	QPSK	1	49	25.21	25.41	25.58	25.45	25.55		
20	QPSK	1	99	25.22	25.65	25.64	25.57	25.61		
20	QPSK	50	0	24.18	24.68	24.67	24.57	24.61	24.7	1
20	QPSK	50	24	24.13	24.40	24.61	24.47	24.56		
20	QPSK	50	50	24.10	24.38	24.52	24.51	24.47		
20	QPSK	100	0	24.17	24.59	24.58	24.49	24.57		
20	16QAM	1	0	24.22	24.38	24.38	24.45	24.64	24.7	1
20	16QAM	1	49	24.13	24.45	24.36	24.48	24.55		
20	16QAM	1	99	24.19	24.57	24.32	24.47	24.53		
20	16QAM	50	0	23.13	23.51	23.40	23.49	23.63	23.7	2
20	16QAM	50	24	23.17	23.53	23.44	23.49	23.57		
20	16QAM	50	50	23.25	23.51	23.46	23.53	23.59		
20	16QAM	100	0	23.19	23.47	23.42	23.52	23.58		
20	64QAM	1	0	23.17	23.15	23.13	23.23	23.25	23.7	2
20	64QAM	1	49	23.21	23.19	23.21	23.20	23.23		
20	64QAM	1	99	23.22	23.27	23.22	23.17	23.28		
20	64QAM	50	0	22.14	22.48	22.36	22.46	22.56	22.7	3
20	64QAM	50	24	22.14	22.50	22.42	22.45	22.58		
20	64QAM	50	50	22.25	22.50	22.46	22.51	22.53		
20	64QAM	100	0	22.17	22.42	22.38	22.48	22.53		
20	256QAM	1	0	20.29	20.13	20.24	20.38	20.18	20.7	5
20	256QAM	1	49	20.38	20.19	20.19	20.20	20.17		
20	256QAM	1	99	20.18	20.24	20.27	20.29	20.33		
20	256QAM	50	0	20.30	20.18	20.44	20.10	20.39	20.7	5
20	256QAM	50	24	20.33	20.29	20.31	20.22	20.33		
20	256QAM	50	50	20.19	20.16	20.15	20.33	20.24		
20	256QAM	100	0	20.13	20.19	20.24	20.39	20.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.12	25.15	25.53	25.46	25.52	25.70	0
15	QPSK	1	37	25.08	25.24	25.52	25.63	25.58		
15	QPSK	1	74	25.16	25.20	25.57	25.58	25.61		
15	QPSK	36	0	24.03	24.03	24.46	24.45	24.61	24.7	1
15	QPSK	36	20	24.06	24.05	24.44	24.43	24.56		
15	QPSK	36	39	24.12	24.08	24.47	24.45	24.57		
15	QPSK	75	0	24.10	24.02	24.45	24.45	24.57		
15	16QAM	1	0	24.13	24.13	24.40	24.47	24.64	24.7	1
15	16QAM	1	37	24.10	24.11	24.44	24.48	24.55		
15	16QAM	1	74	24.15	24.09	24.53	24.46	24.53		
15	16QAM	36	0	23.28	23.00	23.41	23.40	23.63	23.7	2
15	16QAM	36	20	23.06	23.04	23.45	23.42	23.57		
15	16QAM	36	39	23.11	23.05	23.42	23.41	23.59		
15	16QAM	75	0	23.10	23.10	23.46	23.49	23.58		
15	64QAM	1	0	23.10	23.21	23.19	23.20	23.25	23.7	2
15	64QAM	1	37	23.11	23.07	23.22	23.11	23.23		
15	64QAM	1	74	23.16	23.13	23.26	23.12	23.28		
15	64QAM	36	0	22.02	22.03	22.44	22.42	22.56	22.7	3
15	64QAM	36	20	22.07	22.03	22.41	22.42	22.58		
15	64QAM	36	39	22.12	22.04	22.48	22.46	22.53		
15	64QAM	75	0	22.06	22.06	22.48	22.43	22.53		
15	256QAM	1	0	20.15	20.14	20.36	20.24	20.27	20.7	5
15	256QAM	1	37	20.15	20.29	20.18	20.30	20.36		
15	256QAM	1	74	20.28	20.23	20.31	20.37	20.12		
15	256QAM	36	0	20.14	20.38	20.41	20.40	20.21	20.7	5
15	256QAM	36	20	20.39	20.14	20.19	20.36	20.29		
15	256QAM	36	39	20.35	20.17	20.20	20.38	20.34		
15	256QAM	75	0	20.39	20.28	20.24	20.34	20.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.10	25.51	25.47	25.48	25.57	25.70	0
10	QPSK	1	25	25.14	25.56	25.50	25.54	25.53		
10	QPSK	1	49	25.17	25.56	25.46	25.47	25.61		
10	QPSK	25	0	24.08	24.43	24.42	24.41	24.57	24.7	1
10	QPSK	25	12	24.07	24.46	24.40	24.47	24.53		
10	QPSK	25	25	24.09	24.48	24.38	24.48	24.57		
10	QPSK	50	0	24.07	24.45	24.40	24.46	24.56		
10	16QAM	1	0	24.07	24.42	24.39	24.44	24.51	24.7	1
10	16QAM	1	25	24.14	24.42	24.36	24.46	24.52		
10	16QAM	1	49	24.09	24.49	24.39	24.47	24.51		
10	16QAM	25	0	23.04	23.50	23.43	23.44	23.57	23.7	2
10	16QAM	25	12	23.09	23.47	23.48	23.48	23.57		
10	16QAM	25	25	23.15	23.51	23.39	23.52	23.58		
10	16QAM	50	0	23.10	23.50	23.44	23.47	23.56		
10	64QAM	1	0	23.09	23.17	23.20	23.18	23.22	23.7	2
10	64QAM	1	25	23.13	23.18	23.16	23.17	23.28		
10	64QAM	1	49	23.12	23.26	23.21	23.11	23.35		
10	64QAM	25	0	22.08	22.46	22.45	22.47	22.58	22.7	3
10	64QAM	25	12	22.11	22.51	22.42	22.51	22.59		
10	64QAM	25	25	22.16	22.53	22.39	22.54	22.58		
10	64QAM	50	0	22.06	22.44	22.35	22.44	22.56		
10	256QAM	1	0	20.44	20.19	20.25	20.11	20.33	20.7	5
10	256QAM	1	25	20.20	20.41	20.27	20.12	20.14		
10	256QAM	1	49	20.24	20.36	20.33	20.43	20.22		
10	256QAM	25	0	20.34	20.23	20.35	20.13	20.35	20.7	5
10	256QAM	25	12	20.33	20.24	20.25	20.25	20.28		
10	256QAM	25	25	20.29	20.10	20.29	20.44	20.40		
10	256QAM	50	0	20.22	20.12	20.24	20.30	20.21		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.11	25.53	25.47	25.44	25.61	25.70	0
5	QPSK	1	12	25.17	25.62	25.48	25.52	25.60		
5	QPSK	1	24	25.13	25.54	25.48	25.45	25.57		
5	QPSK	12	0	24.13	24.42	24.40	24.46	24.47	24.7	1
5	QPSK	12	7	24.04	24.45	24.38	24.44	24.55		
5	QPSK	12	13	24.04	24.49	24.38	24.47	24.54		
5	QPSK	25	0	24.03	24.44	24.37	24.39	24.52		
5	16QAM	1	0	24.07	24.45	24.36	24.42	24.46	24.7	1
5	16QAM	1	12	24.08	24.47	24.41	24.45	24.50		
5	16QAM	1	24	24.05	24.50	24.36	24.50	24.51		
5	16QAM	12	0	23.10	23.41	23.36	23.40	23.43	23.7	2
5	16QAM	12	7	23.04	23.41	23.35	23.39	23.50		
5	16QAM	12	13	23.29	23.41	23.36	23.42	23.48		
5	16QAM	25	0	23.05	23.45	23.41	23.48	23.56		
5	64QAM	1	0	23.16	23.16	23.26	23.18	23.30	23.7	2
5	64QAM	1	12	23.11	23.24	23.24	23.17	23.27		
5	64QAM	1	24	23.15	23.29	23.21	23.14	23.36		
5	64QAM	12	0	22.04	22.42	22.37	22.40	22.50	22.7	3
5	64QAM	12	7	22.05	22.45	22.35	22.47	22.53		
5	64QAM	12	13	22.04	22.44	22.34	22.35	22.47		
5	64QAM	25	0	22.06	22.49	22.42	22.50	22.60		
5	256QAM	1	0	20.27	20.40	20.33	20.44	20.23	20.7	5
5	256QAM	1	12	20.37	20.31	20.38	20.21	20.32		
5	256QAM	1	24	20.34	20.18	20.17	20.21	20.35		
5	256QAM	12	0	20.21	20.28	20.38	20.24	20.45	20.7	5
5	256QAM	12	7	20.14	20.15	20.27	20.12	20.34		
5	256QAM	12	13	20.28	20.45	20.24	20.45	20.25		
5	256QAM	25	0	20.18	20.40	20.39	20.12	20.12		

Band 41_Ant 5

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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.04	24.29	24.42	24.31	24.35	25	0
20	QPSK	1	49	24.06	24.30	24.49	24.30	24.35		
20	QPSK	1	99	24.08	24.58	24.56	24.40	24.48		
20	QPSK	50	0	23.08	23.45	23.44	23.39	23.38	24	1
20	QPSK	50	24	23.07	23.32	23.18	23.35	23.37		
20	QPSK	50	50	23.05	23.30	23.18	23.38	23.25		
20	QPSK	100	0	23.05	23.36	23.35	23.21	23.11		
20	16QAM	1	0	23.07	23.29	23.12	23.40	23.42	24	1
20	16QAM	1	49	23.00	23.30	23.14	23.34	23.40		
20	16QAM	1	99	23.09	23.40	23.19	23.34	23.45		
20	16QAM	50	0	22.09	22.32	22.13	22.42	22.37	23	2
20	16QAM	50	24	22.10	22.30	22.17	22.39	22.38		
20	16QAM	50	50	22.07	22.35	22.23	22.40	22.46		
20	16QAM	100	0	22.07	22.30	22.15	22.36	22.39		
20	64QAM	1	0	21.77	21.99	21.83	22.07	22.12	23	2
20	64QAM	1	49	21.75	22.09	21.86	22.11	22.08		
20	64QAM	1	99	21.78	22.12	21.92	22.07	22.16		
20	64QAM	50	0	21.00	21.25	21.14	21.39	21.40	22	3
20	64QAM	50	24	21.08	21.28	21.18	21.32	21.37		
20	64QAM	50	50	21.11	21.37	21.25	21.38	21.44		
20	64QAM	100	0	21.04	21.36	21.14	21.33	21.35		
20	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	5
20	256QAM	1	49	19.57	19.20	19.36	19.41	19.67		
20	256QAM	1	99	19.51	19.60	19.59	19.28	19.32		
20	256QAM	50	0	19.72	19.29	19.57	19.23	19.22	20	5
20	256QAM	50	24	19.64	19.24	19.59	19.70	19.69		
20	256QAM	50	50	19.49	19.20	19.23	19.39	19.36		
20	256QAM	100	0	19.75	19.54	19.29	19.68	19.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.06	24.26	24.10	24.32	24.32	25.00	0
15	QPSK	1	37	24.01	24.37	24.13	24.43	24.38		
15	QPSK	1	74	24.07	24.33	24.19	24.32	24.43		
15	QPSK	36	0	22.98	23.26	23.10	23.32	23.31	24	1
15	QPSK	36	20	22.98	23.24	23.05	23.32	23.32		
15	QPSK	36	39	22.99	23.25	23.08	23.31	23.34		
15	QPSK	75	0	23.01	23.28	23.14	23.32	23.37		
15	16QAM	1	0	23.05	23.33	23.13	23.34	23.35	24	1
15	16QAM	1	37	22.97	23.35	23.15	23.37	23.37		
15	16QAM	1	74	23.00	23.39	23.18	23.34	23.39		
15	16QAM	36	0	21.93	22.19	22.05	22.25	22.30	23	2
15	16QAM	36	20	21.97	22.22	22.02	22.29	22.31		
15	16QAM	36	39	21.93	22.26	22.05	22.32	22.34		
15	16QAM	75	0	22.00	22.26	22.14	22.35	22.38		
15	64QAM	1	0	21.73	22.02	21.83	22.04	22.09	23	2
15	64QAM	1	37	21.71	22.06	21.85	22.12	22.09		
15	64QAM	1	74	21.72	22.12	21.90	22.08	22.14		
15	64QAM	36	0	20.94	21.33	21.14	21.29	21.31	22	3
15	64QAM	36	20	21.01	21.25	21.11	21.30	21.32		
15	64QAM	36	39	21.04	21.29	21.15	21.30	21.35		
15	64QAM	75	0	21.05	21.28	21.12	21.32	21.30	20	5
15	256QAM	1	0	19.75	19.28	19.39	19.23	19.61		
15	256QAM	1	37	19.26	19.65	19.37	19.40	19.39		
15	256QAM	1	74	19.56	19.45	19.29	19.36	19.69		
15	256QAM	36	0	19.71	19.62	19.58	19.25	19.64	20	5
15	256QAM	36	20	19.75	19.39	19.69	19.74	19.53		
15	256QAM	36	39	19.26	19.29	19.28	19.41	19.28		
15	256QAM	75	0	19.71	19.53	19.34	19.53	19.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.10	24.29	24.12	24.30	24.35	25.00	0
10	QPSK	1	25	24.04	24.25	24.14	24.32	24.40		
10	QPSK	1	49	24.03	24.36	24.14	24.31	24.46		
10	QPSK	25	0	23.03	23.24	23.14	23.31	23.31	24	1
10	QPSK	25	12	22.95	23.26	23.12	23.33	23.36		
10	QPSK	25	25	22.92	23.25	23.06	23.31	23.39		
10	QPSK	50	0	22.97	23.29	23.15	23.38	23.40		
10	16QAM	1	0	22.97	23.27	23.13	23.41	23.38	24	1
10	16QAM	1	25	23.01	23.31	23.12	23.35	23.43		
10	16QAM	1	49	22.96	23.36	23.18	23.39	23.41		
10	16QAM	25	0	22.05	22.26	22.16	22.34	22.33	23	2
10	16QAM	25	12	21.98	22.27	22.14	22.33	22.42		
10	16QAM	25	25	21.93	22.26	22.15	22.35	22.41		
10	16QAM	50	0	21.96	22.25	22.12	22.35	22.36		
10	64QAM	1	0	21.68	21.99	21.86	22.05	22.07	23	2
10	64QAM	1	25	21.67	22.00	21.87	22.08	22.13		
10	64QAM	1	49	21.66	22.07	21.77	21.99	22.10		
10	64QAM	25	0	21.01	21.32	21.18	21.38	21.38	22	3
10	64QAM	25	12	21.04	21.28	21.22	21.36	21.35		
10	64QAM	25	25	21.06	21.33	21.19	21.39	21.43		
10	64QAM	50	0	21.01	21.29	21.15	21.32	21.38		
10	256QAM	1	0	19.56	19.71	19.39	19.33	19.32	20	5
10	256QAM	1	25	19.63	19.65	19.69	19.34	19.40		
10	256QAM	1	49	19.69	19.38	19.73	19.38	19.59		
10	256QAM	25	0	19.25	19.25	19.24	19.70	19.24	20	5
10	256QAM	25	12	19.72	19.58	19.21	19.33	19.41		
10	256QAM	25	25	19.44	19.44	19.49	19.57	19.48		
10	256QAM	50	0	19.75	19.58	19.37	19.33	19.24		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.10	24.36	24.21	24.35	24.39	25.00	0
5	QPSK	1	12	24.04	24.34	24.23	24.42	24.31		
5	QPSK	1	24	24.13	24.39	24.25	24.35	24.43		
5	QPSK	12	0	23.06	23.26	23.10	23.29	23.35	24	1
5	QPSK	12	7	23.02	23.26	23.12	23.37	23.37		
5	QPSK	12	13	22.96	23.26	23.10	23.34	23.36		
5	QPSK	25	0	23.02	23.27	23.10	23.33	23.36		
5	16QAM	1	0	22.99	23.36	23.14	23.36	23.41	24	1
5	16QAM	1	12	23.04	23.32	23.12	23.42	23.36		
5	16QAM	1	24	23.01	23.41	23.18	23.37	23.35		
5	16QAM	12	0	21.99	22.22	22.06	22.24	22.27	23	2
5	16QAM	12	7	21.93	22.24	22.03	22.29	22.31		
5	16QAM	12	13	21.90	22.21	22.04	22.27	22.29		
5	16QAM	25	0	22.05	22.29	22.11	22.32	22.37		
5	64QAM	1	0	21.80	22.01	21.91	22.04	22.05	23	2
5	64QAM	1	12	21.73	22.07	21.93	21.99	22.10		
5	64QAM	1	24	21.75	22.07	21.88	21.99	22.01		
5	64QAM	12	0	21.07	21.27	21.15	21.32	21.32	22	3
5	64QAM	12	7	21.01	21.26	21.09	21.30	21.34		
5	64QAM	12	13	20.95	21.15	21.16	21.27	21.31		
5	64QAM	25	0	21.06	21.37	21.19	21.36	21.42		
5	256QAM	1	0	19.58	19.70	19.65	19.32	19.39	20	5
5	256QAM	1	12	19.64	19.63	19.46	19.66	19.31		
5	256QAM	1	24	19.32	19.21	19.43	19.37	19.34		
5	256QAM	12	0	19.65	19.20	19.56	19.70	19.34	20	5
5	256QAM	12	7	19.24	19.73	19.44	19.60	19.65		
5	256QAM	12	13	19.64	19.37	19.33	19.73	19.49		
5	256QAM	25	0	19.45	19.20	19.39	19.64	19.26		

Reduced power level for WWAN-ENDC
DSI 0

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)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.81	23.71	23.64	24.5	0
20	QPSK	1	49	23.68	23.62	23.58		
20	QPSK	1	99	23.63	23.60	23.55		
20	QPSK	50	0	22.75	22.65	22.60	23.5	1
20	QPSK	50	24	22.65	22.62	22.53		
20	QPSK	50	50	22.65	22.59	22.53		
20	QPSK	100	0	22.65	22.59	22.53		
20	16QAM	1	0	23.13	22.92	22.89	23.5	1
20	16QAM	1	49	22.77	22.86	22.87		
20	16QAM	1	99	22.81	22.71	22.93		
20	16QAM	50	0	21.75	21.67	21.71	22.5	2
20	16QAM	50	24	21.68	21.83	21.64		
20	16QAM	50	50	21.67	21.54	21.62		
20	16QAM	100	0	21.57	21.55	21.58		
20	64QAM	1	0	21.63	21.67	21.58	22.5	2
20	64QAM	1	49	21.54	21.52	21.63		
20	64QAM	1	99	21.53	21.48	21.57		
20	64QAM	50	0	20.68	20.62	20.63	21.5	3
20	64QAM	50	24	20.67	20.61	20.58		
20	64QAM	50	50	20.65	20.51	20.58		
20	64QAM	100	0	20.60	20.52	20.62		
20	256QAM	1	0	18.65	18.61	18.57	19.5	5
20	256QAM	1	49	18.60	18.60	18.61		
20	256QAM	1	99	18.61	18.60	18.68		
20	256QAM	50	0	18.51	18.53	18.55		
20	256QAM	50	24	18.57	18.52	18.59		
20	256QAM	50	50	18.55	18.49	18.59		
20	256QAM	100	0	18.52	18.44	18.61		
Channel				18675	18875	19075	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.77	23.80	23.60	24.5	0
15	QPSK	1	37	23.67	23.72	23.47		
15	QPSK	1	74	23.72	23.48	23.59		
15	QPSK	36	0	22.65	22.61	22.51	23.5	1
15	QPSK	36	20	22.61	22.61	22.59		
15	QPSK	36	39	22.57	22.42	22.55		
15	QPSK	75	0	22.58	22.53	22.66		
15	16QAM	1	0	23.08	23.12	23.13	23.5	1
15	16QAM	1	37	23.02	23.03	22.98		
15	16QAM	1	74	23.00	22.96	23.04		
15	16QAM	36	0	21.64	21.64	21.53	22.5	2
15	16QAM	36	20	21.65	21.55	21.63		
15	16QAM	36	39	21.60	21.49	21.55		
15	16QAM	75	0	21.60	21.55	21.54		
15	64QAM	1	0	21.67	21.76	21.67	22.5	2
15	64QAM	1	37	21.83	21.71	21.82		
15	64QAM	1	74	21.89	21.63	21.83		
15	64QAM	36	0	20.64	20.45	20.54	21.5	3
15	64QAM	36	20	20.59	20.64	20.58		
15	64QAM	36	39	20.58	20.54	20.56		
15	64QAM	75	0	20.58	20.60	20.46		
15	256QAM	1	0	18.38	18.47	18.53	19.5	5
15	256QAM	1	37	18.23	18.36	18.64		
15	256QAM	1	74	18.65	18.57	18.21		
15	256QAM	36	0	18.59	18.58	18.37	19.5	5
15	256QAM	36	20	18.29	18.29	18.47		
15	256QAM	36	39	18.56	18.59	18.54		
15	256QAM	75	0	18.22	18.20	18.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1853	1880	1905		
10	QPSK	1	0	23.69	23.56	23.50	24.5	0
10	QPSK	1	25	23.63	23.47	23.42		
10	QPSK	1	49	23.56	23.49	23.51		
10	QPSK	25	0	22.56	22.56	22.50	23.5	1
10	QPSK	25	12	22.66	22.60	22.56		
10	QPSK	25	25	22.59	22.50	22.45		
10	QPSK	50	0	22.63	22.53	22.52		
10	16QAM	1	0	22.77	22.42	22.56	23.5	1
10	16QAM	1	25	22.69	22.36	22.51		
10	16QAM	1	49	22.43	22.38	22.61		
10	16QAM	25	0	21.65	21.64	21.52	22.5	2
10	16QAM	25	12	21.64	21.58	21.53		
10	16QAM	25	25	21.58	21.47	21.50		
10	16QAM	50	0	21.67	21.57	21.47		
10	64QAM	1	0	22.02	21.88	21.54	22.5	2
10	64QAM	1	25	21.91	21.84	21.48		
10	64QAM	1	49	21.90	21.86	21.56		
10	64QAM	25	0	20.53	20.64	20.46	21.5	3
10	64QAM	25	12	20.59	20.45	20.53		
10	64QAM	25	25	20.49	20.45	20.46		
10	64QAM	50	0	20.60	20.59	20.55		
10	256QAM	1	0	18.38	18.31	18.49	19.5	5
10	256QAM	1	25	18.41	18.53	18.23		
10	256QAM	1	49	18.52	18.23	18.47		
10	256QAM	25	0	18.54	18.25	18.39	19.5	5
10	256QAM	25	12	18.57	18.65	18.62		
10	256QAM	25	25	18.63	18.20	18.21		
10	256QAM	50	0	18.52	18.35	18.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.62	23.51	23.53	24.5	0
5	QPSK	1	12	23.53	23.43	23.63		
5	QPSK	1	24	23.52	23.46	23.59		
5	QPSK	12	0	22.67	22.56	22.54	23.5	1
5	QPSK	12	7	22.62	22.54	22.50		
5	QPSK	12	13	22.56	22.52	22.46		
5	QPSK	25	0	22.56	22.56	22.46		
5	16QAM	1	0	22.69	22.53	22.82	23.5	1
5	16QAM	1	12	22.64	23.01	22.86		
5	16QAM	1	24	22.60	22.92	22.83		
5	16QAM	12	0	21.67	21.64	21.55	22.5	2
5	16QAM	12	7	21.62	21.58	21.55		
5	16QAM	12	13	21.55	21.54	21.53		
5	16QAM	25	0	21.50	21.56	21.60		
5	64QAM	1	0	21.86	21.85	21.85	22.5	2
5	64QAM	1	12	21.84	21.87	21.82		
5	64QAM	1	24	21.82	21.81	21.87		
5	64QAM	12	0	20.70	20.54	20.60	21.5	3
5	64QAM	12	7	20.70	20.50	20.51		
5	64QAM	12	13	20.64	20.48	20.50		
5	64QAM	25	0	20.50	20.64	20.52		
5	256QAM	1	0	18.39	18.49	18.35	19.5	5
5	256QAM	1	12	18.65	18.42	18.38		
5	256QAM	1	24	18.52	18.23	18.64		
5	256QAM	12	0	18.23	18.56	18.63		
5	256QAM	12	7	18.25	18.61	18.49	19.5	5
5	256QAM	12	13	18.44	18.62	18.34		
5	256QAM	25	0	18.36	18.49	18.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.74	23.49	23.37	24.5	0
3	QPSK	1	8	23.79	23.52	23.48		
3	QPSK	1	14	23.65	23.54	23.40		
3	QPSK	8	0	22.55	22.58	22.49	23.5	1
3	QPSK	8	4	22.64	22.51	22.52		
3	QPSK	8	7	22.56	22.52	22.50		
3	QPSK	15	0	22.53	22.49	22.50		
3	16QAM	1	0	23.09	22.74	22.76	23.5	1
3	16QAM	1	8	23.05	22.80	22.80		
3	16QAM	1	14	23.01	22.74	22.76		
3	16QAM	8	0	21.62	21.66	21.52	22.5	2
3	16QAM	8	4	21.60	21.60	21.48		
3	16QAM	8	7	21.66	21.56	21.48		
3	16QAM	15	0	21.69	21.57	21.64		
3	64QAM	1	0	21.70	21.56	21.51	22.5	2
3	64QAM	1	8	21.59	21.56	21.46		
3	64QAM	1	14	21.53	21.54	21.48		
3	64QAM	8	0	20.53	20.44	20.51	21.5	3
3	64QAM	8	4	20.50	20.46	20.53		
3	64QAM	8	7	20.53	20.45	20.56		
3	64QAM	15	0	20.73	20.55	20.47		
3	256QAM	1	0	18.44	18.62	18.38	19.5	5
3	256QAM	1	8	18.20	18.40	18.43		
3	256QAM	1	14	18.25	18.32	18.59		
3	256QAM	8	0	18.36	18.54	18.57	19.5	5
3	256QAM	8	4	18.39	18.63	18.23		
3	256QAM	8	7	18.20	18.27	18.28		
3	256QAM	15	0	18.27	18.42	18.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.65	23.61	23.57	24.5	0
1.4	QPSK	1	3	23.75	23.63	23.64		
1.4	QPSK	1	5	23.78	23.60	23.64		
1.4	QPSK	3	0	23.51	23.40	23.37		
1.4	QPSK	3	1	23.52	23.43	23.40		
1.4	QPSK	3	3	23.52	23.43	23.42		
1.4	QPSK	6	0	22.58	22.58	22.49	23.5	1
1.4	16QAM	1	0	22.90	22.90	22.88		
1.4	16QAM	1	3	22.94	22.93	22.94		
1.4	16QAM	1	5	22.97	22.87	23.04		
1.4	16QAM	3	0	22.50	22.57	22.58		
1.4	16QAM	3	1	22.59	22.53	22.57		
1.4	16QAM	3	3	22.59	22.55	22.54		
1.4	16QAM	6	0	21.72	21.65	21.47	22.5	2
1.4	64QAM	1	0	21.80	21.63	21.56	22.5	2
1.4	64QAM	1	3	21.87	21.79	21.58		
1.4	64QAM	1	5	21.89	21.85	21.55		
1.4	64QAM	3	0	21.74	21.68	21.77		
1.4	64QAM	3	1	21.72	21.72	21.70		
1.4	64QAM	3	3	21.67	21.63	21.81		
1.4	64QAM	6	0	20.50	20.51	20.44	21.5	3
1.4	256QAM	1	0	18.44	18.20	18.58	19.5	5
1.4	256QAM	1	3	18.53	18.34	18.55		
1.4	256QAM	1	5	18.20	18.56	18.21		
1.4	256QAM	3	0	18.55	18.46	18.59		
1.4	256QAM	3	1	18.62	18.40	18.21		
1.4	256QAM	3	3	18.43	18.53	18.31		
1.4	256QAM	6	0	18.60	18.46	18.20	19.5	5

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.34	14.32	14.35	15	0
20	QPSK	1	49	14.25	14.20	14.26		
20	QPSK	1	99	14.18	14.15	14.25		
20	QPSK	50	0	14.30	14.28	14.33	15	0
20	QPSK	50	24	14.18	14.15	14.23		
20	QPSK	50	50	14.18	14.12	14.22		
20	QPSK	100	0	14.25	14.22	14.28		
20	16QAM	1	0	14.31	14.19	14.24	15	0
20	16QAM	1	49	14.29	14.28	14.01		
20	16QAM	1	99	14.10	14.14	14.14		
20	16QAM	50	0	14.25	13.97	14.13	15	0
20	16QAM	50	24	14.06	14.08	14.23		
20	16QAM	50	50	14.21	14.15	14.17		
20	16QAM	100	0	14.20	14.22	14.21		
20	64QAM	1	0	14.08	14.03	14.04	15	0
20	64QAM	1	49	14.22	14.14	13.99		
20	64QAM	1	99	14.27	14.21	14.15		
20	64QAM	50	0	14.28	14.25	14.15	15	0
20	64QAM	50	24	14.08	14.02	14.17		
20	64QAM	50	50	14.27	13.98	14.18		
20	64QAM	100	0	14.28	14.06	13.98		
20	256QAM	1	0	14.26	14.12	14.21	15	0
20	256QAM	1	49	14.18	14.26	14.08		
20	256QAM	1	99	14.25	14.13	14.13		
20	256QAM	50	0	14.30	14.21	14.12	15	0
20	256QAM	50	24	14.17	14.16	14.03		
20	256QAM	50	50	14.27	13.98	13.98		
20	256QAM	100	0	14.27	14.03	14.18		
Channel				18675	18875	19075	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.26	14.20	14.05	15	0
15	QPSK	1	37	14.33	14.21	14.19		
15	QPSK	1	74	14.10	14.13	14.27		
15	QPSK	36	0	13.99	14.25	14.04	15	0
15	QPSK	36	20	13.99	13.97	14.30		
15	QPSK	36	39	14.11	14.10	14.00		
15	QPSK	75	0	14.01	13.96	14.00	15	0
15	16QAM	1	0	14.08	14.28	14.17		
15	16QAM	1	37	14.05	14.00	14.17		
15	16QAM	1	74	14.23	14.08	14.08		
15	16QAM	36	0	14.23	14.13	14.19	15	0
15	16QAM	36	20	14.10	13.96	14.28		
15	16QAM	36	39	14.08	13.98	14.04		
15	16QAM	75	0	14.01	14.05	14.04		
15	64QAM	1	0	14.17	14.30	14.00	15	0
15	64QAM	1	37	14.15	14.27	14.03		
15	64QAM	1	74	13.98	14.20	14.20		
15	64QAM	36	0	14.27	14.00	14.22	15	0
15	64QAM	36	20	13.98	14.19	14.09		
15	64QAM	36	39	14.08	14.24	14.14		
15	64QAM	75	0	13.96	14.02	14.19	15	0
15	256QAM	1	0	14.21	13.99	14.12		
15	256QAM	1	37	14.24	14.03	14.03		
15	256QAM	1	74	14.09	14.30	14.23		
15	256QAM	36	0	14.00	14.22	14.00	15	0
15	256QAM	36	20	13.99	14.02	14.07		
15	256QAM	36	39	13.98	13.96	14.10		
15	256QAM	75	0	14.26	14.13	13.97		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1853	1880	1905		
10	QPSK	1	0	14.21	14.27	14.21	15	0
10	QPSK	1	25	14.05	14.26	14.17		
10	QPSK	1	49	14.16	14.17	14.16		
10	QPSK	25	0	14.09	14.05	14.05	15	0
10	QPSK	25	12	14.10	14.18	14.30		
10	QPSK	25	25	14.07	14.04	14.27		
10	QPSK	50	0	14.08	13.96	14.05	15	0
10	16QAM	1	0	14.25	14.05	14.13		
10	16QAM	1	25	13.97	14.21	14.25		
10	16QAM	1	49	13.97	14.13	14.20		
10	16QAM	25	0	14.08	14.08	13.99	15	0
10	16QAM	25	12	13.98	14.02	14.02		
10	16QAM	25	25	14.09	14.00	14.13		
10	16QAM	50	0	14.03	13.99	14.19	15	0
10	64QAM	1	0	14.13	14.14	14.20		
10	64QAM	1	25	14.04	13.99	14.08		
10	64QAM	1	49	14.08	14.06	14.21		
10	64QAM	25	0	14.16	14.01	14.09	15	0
10	64QAM	25	12	14.21	14.07	13.98		
10	64QAM	25	25	14.09	14.27	13.97		
10	64QAM	50	0	14.10	14.29	14.17	15	0
10	256QAM	1	0	14.01	14.08	14.08		
10	256QAM	1	25	14.00	14.00	14.25		
10	256QAM	1	49	13.97	14.11	14.11		
10	256QAM	25	0	14.00	13.97	14.09	15	0
10	256QAM	25	12	13.97	14.12	14.26		
10	256QAM	25	25	14.25	14.05	14.02		
10	256QAM	50	0	14.06	14.02	14.17	15	0
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.15	14.26	14.05	15	0
5	QPSK	1	12	14.10	14.13	13.98		
5	QPSK	1	24	13.98	14.22	14.14		
5	QPSK	12	0	14.07	14.09	14.20	15	0
5	QPSK	12	7	13.99	14.27	14.10		
5	QPSK	12	13	14.22	14.23	14.23		
5	QPSK	25	0	14.11	13.96	14.16	15	0
5	16QAM	1	0	14.13	14.16	14.16		
5	16QAM	1	12	14.24	14.13	14.16		
5	16QAM	1	24	14.30	14.09	13.97		
5	16QAM	12	0	14.26	14.12	14.12	15	0
5	16QAM	12	7	14.29	13.99	14.17		
5	16QAM	12	13	13.96	14.10	14.30		
5	16QAM	25	0	14.18	14.03	14.05	15	0
5	64QAM	1	0	13.99	13.96	14.24		
5	64QAM	1	12	14.19	14.27	14.23		
5	64QAM	1	24	14.23	14.29	13.99		
5	64QAM	12	0	14.17	14.27	14.12	15	0
5	64QAM	12	7	14.19	14.04	14.19		
5	64QAM	12	13	14.28	14.06	14.20		
5	64QAM	25	0	14.19	14.10	14.30	15	0
5	256QAM	1	0	14.18	14.30	14.30		
5	256QAM	1	12	14.09	14.10	14.02		
5	256QAM	1	24	14.08	13.97	13.97		
5	256QAM	12	0	14.12	14.26	14.14	15	0
5	256QAM	12	7	13.99	14.06	14.16		
5	256QAM	12	13	14.15	14.27	14.26		
5	256QAM	25	0	14.13	14.09	14.08	15	0
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.98	14.08	14.17	15	0
3	QPSK	1	8	14.12	14.07	14.15		
3	QPSK	1	14	14.02	14.00	14.25		
3	QPSK	8	0	14.05	14.04	14.25	15	0
3	QPSK	8	4	14.06	14.12	14.12		
3	QPSK	8	7	14.06	14.06	14.02		
3	QPSK	15	0	14.18	14.07	14.13		
3	16QAM	1	0	14.13	14.24	14.27	15	0
3	16QAM	1	8	14.13	14.17	14.02		
3	16QAM	1	14	14.18	14.16	14.27		
3	16QAM	8	0	14.08	13.99	14.02	15	0
3	16QAM	8	4	14.00	14.02	14.16		
3	16QAM	8	7	14.08	14.04	14.07		
3	16QAM	15	0	14.18	14.25	14.30	15	0
3	64QAM	1	0	14.10	14.03	14.27		
3	64QAM	1	8	14.07	14.18	14.07		
3	64QAM	1	14	14.07	14.00	14.24		
3	64QAM	8	0	14.03	13.96	14.17	15	0
3	64QAM	8	4	14.09	14.26	14.05		
3	64QAM	8	7	14.06	14.23	14.15		
3	64QAM	15	0	14.22	13.96	14.16	15	0
3	256QAM	1	0	14.20	14.21	14.14		
3	256QAM	1	8	14.03	14.26	14.10		
3	256QAM	1	14	14.22	14.29	14.15		
3	256QAM	8	0	13.96	14.03	14.13	15	0
3	256QAM	8	4	14.02	14.17	14.18		
3	256QAM	8	7	14.26	14.19	14.10		
3	256QAM	15	0	14.20	14.06	14.00	15	0
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.22	14.08	14.16	15	0
1.4	QPSK	1	3	14.03	14.08	14.04		
1.4	QPSK	1	5	14.01	14.24	14.05		
1.4	QPSK	3	0	14.12	14.25	14.12		
1.4	QPSK	3	1	14.06	14.16	14.20		
1.4	QPSK	3	3	14.27	14.26	14.08		
1.4	QPSK	6	0	14.16	14.24	14.16	15	0
1.4	16QAM	1	0	14.06	14.06	14.20		
1.4	16QAM	1	3	14.16	14.17	14.04		
1.4	16QAM	1	5	14.18	14.30	14.16		
1.4	16QAM	3	0	14.21	14.07	14.25		
1.4	16QAM	3	1	14.24	14.01	13.99		
1.4	16QAM	3	3	14.26	14.01	14.25		
1.4	16QAM	6	0	14.04	14.22	14.01	15	0
1.4	64QAM	1	0	14.14	14.11	14.14		
1.4	64QAM	1	3	14.30	14.14	14.14		
1.4	64QAM	1	5	14.31	14.13	13.96		
1.4	64QAM	3	0	13.98	14.22	14.15	15	0
1.4	64QAM	3	1	14.25	13.97	14.03		
1.4	64QAM	3	3	14.08	14.18	14.16		
1.4	64QAM	6	0	14.19	14.04	14.17	15	0
1.4	256QAM	1	0	14.23	14.21	13.96		
1.4	256QAM	1	3	14.05	14.25	14.00		
1.4	256QAM	1	5	14.10	14.13	14.16		
1.4	256QAM	3	0	14.12	14.06	14.28		
1.4	256QAM	3	1	14.25	14.11	13.96		
1.4	256QAM	3	3	14.12	14.01	14.10		
1.4	256QAM	6	0	14.04	14.03	14.27	15	0

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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25.23	25.32	25.12	25.5	0
20	QPSK	1	49	24.99	25.22	25.13		
20	QPSK	1	99	25.06	25.16	25.14		
20	QPSK	50	0	24.07	24.27	24.15	24.5	1
20	QPSK	50	24	24.05	24.24	24.19		
20	QPSK	50	50	24.01	24.20	24.17		
20	QPSK	100	0	24.09	24.15	24.12		
20	16QAM	1	0	24.25	23.98	24.05	24.5	1
20	16QAM	1	49	24.04	23.94	23.90		
20	16QAM	1	99	24.20	23.89	23.95		
20	16QAM	50	0	23.01	23.24	23.14	23.5	2
20	16QAM	50	24	23.07	23.20

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)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.70	25.06	24.65	25.7	0
10	QPSK	1	25	24.76	24.88	24.70		
10	QPSK	1	49	24.80	24.83	24.60		
10	QPSK	25	0	23.81	23.95	23.66	24.7	1
10	QPSK	25	12	23.82	23.83	23.61		
10	QPSK	25	25	23.85	23.92	23.60		
10	QPSK	50	0	23.79	23.92	23.69		
10	16QAM	1	0	23.84	24.22	24.12	24.7	1
10	16QAM	1	25	23.94	24.27	24.02		
10	16QAM	1	49	23.98	24.26	24.06		
10	16QAM	25	0	22.75	22.88	22.61	23.7	2
10	16QAM	25	12	22.78	22.89	22.62		
10	16QAM	25	25	22.74	22.88	22.53		
10	16QAM	50	0	22.80	22.87	22.61		
10	64QAM	1	0	22.94	23.15	22.85	23.7	2
10	64QAM	1	25	22.96	23.11	22.85		
10	64QAM	1	49	23.04	23.13	22.87		
10	64QAM	25	0	21.79	21.88	21.61	22.7	3
10	64QAM	25	12	21.82	21.84	21.66		
10	64QAM	25	25	21.83	21.94	21.57		
10	64QAM	50	0	21.77	21.90	21.66		
10	256QAM	1	0	19.90	20.04	19.66	20.7	5
10	256QAM	1	25	19.98	20.01	19.60		
10	256QAM	1	49	20.05	19.92	19.68		
10	256QAM	25	0	19.90	19.88	19.62		
10	256QAM	25	12	19.92	19.87	19.62		
10	256QAM	25	25	19.86	19.89	19.53		
10	256QAM	50	0	19.88	19.88	19.57		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.84	24.91	24.96	25.7	0
5	QPSK	1	12	24.88	24.80	24.85		
5	QPSK	1	24	25.04	24.87	24.82		
5	QPSK	12	0	23.79	23.86	23.87	24.7	1
5	QPSK	12	7	23.78	23.85	23.84		
5	QPSK	12	13	23.78	23.84	23.80		
5	QPSK	25	0	23.77	23.85	23.80		
5	16QAM	1	0	24.26	24.06	24.03	24.7	1
5	16QAM	1	12	24.26	24.13	24.15		
5	16QAM	1	24	24.32	24.03	24.03		
5	16QAM	12	0	22.70	22.85	22.76	23.7	2
5	16QAM	12	7	22.72	22.85	22.73		
5	16QAM	12	13	22.66	22.85	22.69		
5	16QAM	25	0	22.86	22.89	22.75		
5	64QAM	1	0	22.52	22.52	22.37	23.7	2
5	64QAM	1	12	22.63	22.63	22.95		
5	64QAM	1	24	22.63	22.68	22.91		
5	64QAM	12	0	21.74	21.87	21.81	22.7	3
5	64QAM	12	7	21.82	21.85	21.79		
5	64QAM	12	13	21.72	21.84	21.74		
5	64QAM	25	0	21.86	21.87	21.75		
5	256QAM	1	0	20.08	20.02	20.13	20.7	5
5	256QAM	1	12	19.93	20.02	20.02		
5	256QAM	1	24	20.01	20.08	20.08		
5	256QAM	12	0	19.99	20.14	19.94	20.7	5
5	256QAM	12	7	19.90	20.05	20.04		
5	256QAM	12	13	20.07	19.93	19.93		
5	256QAM	25	0	20.02	20.09	20.01		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.63	24.58	24.90	25.7	0
3	QPSK	1	8	24.71	24.92	24.93		
3	QPSK	1	14	24.70	24.90	24.92		
3	QPSK	8	0	23.72	23.84	23.79	24.7	1
3	QPSK	8	4	23.76	23.88	23.82		
3	QPSK	8	7	23.78	23.91	23.88		
3	QPSK	15	0	23.75	23.85	23.81		
3	16QAM	1	0	23.96	24.20	24.31	24.7	1
3	16QAM	1	8	24.12	24.24	24.26		
3	16QAM	1	14	24.06	24.24	24.30		
3	16QAM	8	0	22.65	22.92	22.91	23.7	2
3	16QAM	8	4	22.82	22.87	22.91		
3	16QAM	8	7	22.87	22.95	22.90		
3	16QAM	15	0	22.65	22.82	22.89		
3	64QAM	1	0	23.10	23.17	22.91	23.7	2
3	64QAM	1	8	23.06	23.18	22.89		
3	64QAM	1	14	23.07	23.20	22.89		
3	64QAM	8	0	21.79	21.82	21.79	22.7	3
3	64QAM	8	4	21.80	21.86	21.81		
3	64QAM	8	7	21.79	21.91	21.80		
3	64QAM	15	0	21.75	21.86	21.86		
3	256QAM	1	0	20.04	19.91	20.15	20.7	5
3	256QAM	1	8	19.99	20.12	19.91		
3	256QAM	1	14	20.14	20.10	19.94		
3	256QAM	8	0	19.92	20.05	20.15	20.7	5
3	256QAM	8	4	19.94	20.07	20.14		
3	256QAM	8	7	20.00	19.99	20.11		
3	256QAM	15	0	20.02	19.95	19.96		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.76	24.71	24.49	25.7	0
1.4	QPSK	1	3	24.63	24.70	24.50		
1.4	QPSK	1	5	24.79	24.74	24.59		
1.4	QPSK	3	0	24.74	24.72	24.78		
1.4	QPSK	3	1	24.67	24.80	24.75		
1.4	QPSK	3	3	24.74	24.79	24.75		
1.4	QPSK	6	0	23.75	23.79	23.82	24.7	1
1.4	16QAM	1	0	23.82	23.92	23.59	24.7	1
1.4	16QAM	1	3	23.85	23.95	23.59		
1.4	16QAM	1	5	23.83	23.87	23.59		
1.4	16QAM	3	0	23.76	23.91	23.87		
1.4	16QAM	3	1	23.76	23.92	23.82		
1.4	16QAM	3	3	23.78	23.86	23.82		
1.4	16QAM	6	0	22.75	22.78	22.73	23.7	2
1.4	64QAM	1	0	23.00	23.13	23.07	23.7	2
1.4	64QAM	1	3	22.99	23.08	23.04		
1.4	64QAM	1	5	22.96	23.05	23.04		
1.4	64QAM	3	0	22.91	23.05	22.96		
1.4	64QAM	3	1	22.90	23.04	22.97		
1.4	64QAM	3	3	22.89	23.00	22.99		
1.4	64QAM	6	0	21.66	21.75	21.79	22.7	3
1.4	256QAM	1	0	20.07	19.95	20.10	20.7	5
1.4	256QAM	1	3	20.13	20.15	19.99		
1.4	256QAM	1	5	19.93	19.90	20.14		
1.4	256QAM	3	0	20.15	19.98	19.96		
1.4	256QAM	3	1	20.03	20.08	20.13		
1.4	256QAM	3	3	20.02	20.05	20.02		
1.4	256QAM	6	0	19.92	20.06	19.93	20.7	5

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)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.69	19.75	19.70	20.7	0
10	QPSK	1	25	19.68	19.60	19.66		
10	QPSK	1	49	19.64	19.65	19.66		
10	QPSK	25	0	19.57	19.78	19.57		
10	QPSK	25	12	19.55	19.66	19.52		
10	QPSK	25	25	19.55	19.68	19.51		
10	QPSK	50	0	19.66	19.72	19.71		
10	16QAM	1	0	19.72	19.64	19.73	20.7	0
10	16QAM	1	25	19.65	19.67	19.67		
10	16QAM	1	49	19.68	19.65	19.64		
10	16QAM	25	0	19.71	19.69	19.66	20.7	0
10	16QAM	25	12	19.73	19.63	19.70		
10	16QAM	25	25	19.68	19.63	19.63		
10	16QAM	50	0	19.69	19.68	19.71		
10	64QAM	1	0	19.71	19.73	19.69	20.7	0
10	64QAM	1	25	19.70	19.71	19.72		
10	64QAM	1	49	19.71	19.66	19.68		
10	64QAM	25	0	19.60	19.67	19.66	20.7	0
10	64QAM	25	12	19.74	19.72	19.69		
10	64QAM	25	25	19.64	19.70	19.69		
10	64QAM	50	0	19.68	19.71	19.68		
10	256QAM	1	0	19.71	19.65	19.67	20.7	0
10	256QAM	1	25	19.68	19.69	19.68		
10	256QAM	1	49	19.59	19.66	19.65		
10	256QAM	25	0	19.69	19.70	19.71		
10	256QAM	25	12	19.57	19.62	19.70		
10	256QAM	25	25	19.60	19.62	19.66		
10	256QAM	50	0	19.50	19.55	19.52		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.53	19.66	19.55	20.7	0
5	QPSK	1	12	19.50	19.58	19.58		
5	QPSK	1	24	19.54	19.49	19.49		
5	QPSK	12	0	19.37	19.59	19.38	20.7	0
5	QPSK	12	7	19.46	19.58	19.43		
5	QPSK	12	13	19.48	19.58	19.43		
5	QPSK	25	0	19.52	19.63	19.49		
5	16QAM	1	0	19.65	19.44	19.60	20.7	0
5	16QAM	1	12	19.45	19.54	19.58		
5	16QAM	1	24	19.59	19.54	19.54		
5	16QAM	12	0	19.55	19.61	19.61	20.7	0
5	16QAM	12	7	19.64	19.56	19.50		
5	16QAM	12	13	19.46	19.53	19.58		
5	16QAM	25	0	19.56	19.52	19.62		
5	64QAM	1	0	19.54	19.60	19.50	20.7	0
5	64QAM	1	12	19.56	19.56	19.55		
5	64QAM	1	24	19.61	19.58	19.56		
5	64QAM	12	0	19.50	19.61	19.52	20.7	0
5	64QAM	12	7	19.65	19.55	19.59		
5	64QAM	12	13	19.45	19.63	19.51		
5	64QAM	25	0	19.52	19.53	19.60		
5	256QAM	1	0	19.53	19.50	19.57	20.7	0
5	256QAM	1	12	19.52	19.58	19.57		
5	256QAM	1	24	19.47	19.52	19.47		
5	256QAM	12	0	19.54	19.57	19.53	20.7	0
5	256QAM	12	7	19.59	19.51	19.52		
5	256QAM	12	13	19.49	19.49	19.58		
5	256QAM	25	0	19.31	19.48	19.47		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.51	19.73	19.55	20.7	0
3	QPSK	1	8	19.60	19.56	19.52		
3	QPSK	1	14	19.52	19.58	19.49		
3	QPSK	8	0	19.52	19.56	19.47	20.7	0
3	QPSK	8	4	19.42	19.55	19.44		
3	QPSK	8	7	19.43	19.57	19.34		
3	QPSK	15	0	19.46	19.65	19.56		
3	16QAM	1	0	19.52	19.56	19.58	20.7	0
3	16QAM	1	8	19.46	19.58	19.56		
3	16QAM	1	14	19.54	19.58	19.46		
3	16QAM	8	0	19.51	19.63	19.50	20.7	0
3	16QAM	8	4	19.62	19.48	19.53		
3	16QAM	8	7	19.59	19.53	19.51		
3	16QAM	15	0	19.56	19.60	19.56		
3	64QAM	1	0	19.57	19.60	19.57	20.7	0
3	64QAM	1	8	19.53	19.53	19.55		
3	64QAM	1	14	19.63	19.57	19.52		
3	64QAM	8	0	19.43	19.52	19.55	20.7	0
3	64QAM	8	4	19.63	19.64	19.51		
3	64QAM	8	7	19.58	19.57	19.57		
3	64QAM	15	0	19.49	19.62	19.67		
3	256QAM	1	0	19.51	19.50	19.50	20.7	0
3	256QAM	1	8	19.51	19.51	19.54		
3	256QAM	1	14	19.47	19.47	19.60		
3	256QAM	8	0	19.55	19.57	19.62	20.7	0
3	256QAM	8	4	19.60	19.49	19.62		
3	256QAM	8	7	19.50	19.54	19.55		
3	256QAM	15	0	19.36	19.46	19.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.59	19.69	19.64	20.7	0
1.4	QPSK	1	3	19.54	19.59	19.54		
1.4	QPSK	1	5	19.51	19.55	19.49		
1.4	QPSK	3	0	19.46	19.54	19.38		
1.4	QPSK	3	1	19.55	19.59	19.41		
1.4	QPSK	3	3	19.51	19.55	19.49		
1.4	QPSK	6	0	19.49	19.52	19.63	20.7	0
1.4	16QAM	1	0	19.47	19.55	19.60	20.7	0
1.4	16QAM	1	3	19.49	19.52	19.50		
1.4	16QAM	1	5	19.53	19.58	19.55		
1.4	16QAM	3	0	19.51	19.58	19.56		
1.4	16QAM	3	1	19.51	19.52	19.61		
1.4	16QAM	3	3	19.48	19.54	19.49		
1.4	16QAM	6	0	19.45	19.48	19.65	20.7	0
1.4	64QAM	1	0	19.59	19.63	19.61	20.7	0
1.4	64QAM	1	3	19.55	19.58	19.56		
1.4	64QAM	1	5	19.51	19.51	19.49		
1.4	64QAM	3	0	19.49	19.55	19.46		
1.4	64QAM	3	1	19.49	19.56	19.56		
1.4	64QAM	3	3	19.56	19.60	19.57		
1.4	64QAM	6	0	19.59	19.53	19.57	20.7	0
1.4	256QAM	1	0	19.59	19.56	19.56	20.7	0
1.4	256QAM	1	3	19.59	19.49	19.48		
1.4	256QAM	1	5	19.42	19.54	19.46		
1.4	256QAM	3	0	19.52	19.60	19.56		
1.4	256QAM	3	1	19.51	19.47	19.55		
1.4	256QAM	3	3	19.50	19.50	19.53		
1.4	256QAM	6	0	19.44	19.46	19.42	20.7	0

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.74	22.08	21.92	23	0
20	QPSK	1	49	21.72	21.89	21.87		
20	QPSK	1	99	21.74	21.77	21.80		
20	QPSK	50	0	20.85	21.10	20.84	22	1
20	QPSK	50	24	20.80	20.97	20.75		
20	QPSK	50	50	20.83	20.87	20.71		
20	QPSK	100	0	20.81	20.93	20.83		
20	16QAM	1	0	20.83	21.02	21.32	22	1
20	16QAM	1	49	20.87	21.10	21.29		
20	16QAM	1	99	20.97	21.13	20.67		
20	16QAM	50	0	19.66	19.92	19.85	21	2
20	16QAM	50	24	19.73	19.92	19.89		
20	16QAM	50	50	19.81	20.04	19.79		
20	16QAM	100	0	19.74	19.96	19.77		
20	64QAM	1	0	19.97	20.15	19.57	21	2
20	64QAM	1	49	19.99	20.22	20.05		
20	64QAM	1	99	20.08	20.26	19.77		
20	64QAM	50	0	18.74	18.92	18.86	20	3
20	64QAM	50	24	18.81	18.98	18.90		
20	64QAM	50	50	18.85	19.01	18.83		
20	64QAM	100	0	18.79	18.98	18.81		
20	256QAM	1	0	17.25	17.19	17.18	18	5
20	256QAM	1	49	17.21	17.17	17.20		
20	256QAM	1	99	17.13	17.07	17.14		
20	256QAM	50	0	17.07	17.06	17.10		
20	256QAM	50	24	17.16	17.07	17.11		
20	256QAM	50	50	17.10	17.04	17.03		
20	256QAM	100	0	17.10	17.05	17.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.85	21.96	21.97	23	0
15	QPSK	1	37	21.87	22.04	21.92		
15	QPSK	1	74	21.94	22.05	21.97		
15	QPSK	36	0	20.68	20.81	20.63	22	1
15	QPSK	36	20	20.70	20.88	20.84		
15	QPSK	36	39	20.72	20.93	20.79		
15	QPSK	75	0	20.67	20.89	20.83		
15	16QAM	1	0	21.27	21.09	21.11	22	1
15	16QAM	1	37	21.26	21.19	21.11		
15	16QAM	1	74	21.30	21.15	21.34		
15	16QAM	36	0	19.80	19.88	19.82	21	2
15	16QAM	36	20	19.81	19.94	19.82		
15	16QAM	36	39	19.75	19.92	19.79		
15	16QAM	75	0	19.81	19.99	19.79		
15	64QAM	1	0	19.52	19.92	19.86	21	2
15	64QAM	1	37	19.55	20.05	20.00		
15	64QAM	1	74	19.63	20.02	19.52		
15	64QAM	36	0	18.86	18.94	18.88	20	3
15	64QAM	36	20	18.83	18.90	18.84		
15	64QAM	36	39	18.88	19.03	18.86		
15	64QAM	75	0	18.72	18.89	18.80		
15	256QAM	1	0	17.02	17.28	16.94	18	5
15	256QAM	1	37	17.06	17.25	17.26		
15	256QAM	1	74	17.02	17.12	17.27		
15	256QAM	36	0	17.03	17.24	17.03	18	5
15	256QAM	36	20	17.00	17.02	16.96		
15	256QAM	36	39	17.17	16.92	17.19		
15	256QAM	75	0	16.95	17.13	17.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.63	21.93	21.81	23	0
10	QPSK	1	25	21.73	22.02	21.86		
10	QPSK	1	49	21.65	22.07	21.87		
10	QPSK	25	0	20.71	20.88	20.65	22	1
10	QPSK	25	12	20.76	20.88	20.82		
10	QPSK	25	25	20.73	20.93	20.51		
10	QPSK	50	0	20.78	20.96	20.84		
10	16QAM	1	0	20.93	21.31	21.35	22	1
10	16QAM	1	25	20.97	21.40	21.26		
10	16QAM	1	49	21.12	21.43	21.45		
10	16QAM	25	0	19.62	19.88	19.81	21	2
10	16QAM	25	12	19.68	19.82	19.82		
10	16QAM	25	25	19.71	19.90	19.68		
10	16QAM	50	0	19.66	19.86	19.80		
10	64QAM	1	0	20.00	20.20	19.96	21	2
10	64QAM	1	25	20.07	20.27	19.93		
10	64QAM	1	49	20.07	20.26	19.95		
10	64QAM	25	0	18.69	18.90	18.88	20	3
10	64QAM	25	12	18.73	18.97	18.88		
10	64QAM	25	25	18.75	18.96	18.77		
10	64QAM	50	0	18.74	18.92	18.79		
10	256QAM	1	0	17.23	17.34	17.33	18	5
10	256QAM	1	25	17.17	17.04	17.14		
10	256QAM	1	49	17.09	17.24	17.20		
10	256QAM	25	0	17.17	17.25	17.34	18	5
10	256QAM	25	12	17.19	17.35	17.31		
10	256QAM	25	25	17.19	16.95	16.92		
10	256QAM	50	0	17.12	17.28	17.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.82	22.06	21.77	23	0
5	QPSK	1	12	21.88	22.00	21.59		
5	QPSK	1	24	21.83	22.07	22.04		
5	QPSK	12	0	20.73	20.89	20.82	22	1
5	QPSK	12	7	20.72	20.90	20.73		
5	QPSK	12	13	20.73	20.91	20.74		
5	QPSK	25	0	20.71	20.95	20.65		
5	16QAM	1	0	20.82	21.13	21.06	22	1
5	16QAM	1	12	20.85	21.14	20.71		
5	16QAM	1	24	20.83	20.91	20.81		
5	16QAM	12	0	18.80	18.98	18.91	21	2
5	16QAM	12	7	18.79	20.01	19.88		
5	16QAM	12	13	19.83	19.97	19.59		
5	16QAM	25	0	18.85	18.96	18.91		
5	64QAM	1	0	19.95	20.27	19.80	21	2
5	64QAM	1	12	19.96	20.29	19.73		
5	64QAM	1	24	20.01	20.29	19.88		
5	64QAM	12	0	18.75	19.06	18.79	20	3
5	64QAM	12	7	18.80	19.04	18.82		
5	64QAM	12	13	18.86	19.01	18.81		
5	64QAM	25	0	18.79	18.90	18.82		
5	256QAM	1	0	16.98	16.97	17.08	18	5
5	256QAM	1	12	17.11	17.14	17.05		
5	256QAM	1	24	17.14	16.92	17.11		
5	256QAM	12	0	17.26	17.04	16.98	18	5
5	256QAM	12	7	17.10	17.30	17.11		
5	256QAM	12	13	17.06	17.08	17.24		
5	256QAM	25	0	17.23	17.19	17.21		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.03	24.19	24.11	25	0
20	QPSK	1	49	23.85	24.07	24.04		
20	QPSK	1	99	23.80	23.97	23.97		
20	QPSK	50	0	23.10	23.16	23.14	24	1
20	QPSK	50	24	22.97	23.10	23.07		
20	QPSK	50	50	22.94	23.06	23.05		
20	QPSK	100	0	22.99	23.15	23.13		
20	16QAM	1	0	23.18	23.01	23.15	24	1
20	16QAM	1	49	23.28	23.27	23.31		
20	16QAM	1	99	23.30	23.35	23.16		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.72	15.88	15.74	16.7	0
20	QPSK	1	49	15.48	15.58	15.56		
20	QPSK	1	99	15.51	15.57	15.55		
20	QPSK	50	0	15.62	15.75	15.67	16.7	0
20	QPSK	50	24	15.52	15.69	15.59		
20	QPSK	50	50	15.43	15.53	15.58		
20	QPSK	100	0	15.47	15.63	15.62		
20	16QAM	1	0	15.39	15.10	15.08	16.7	0
20	16QAM	1	49	15.26	15.23	15.11		
20	16QAM	1	99	15.29	15.49	15.12		
20	16QAM	50	0	15.33	15.68	15.67	16.7	0
20	16QAM	50	24	15.48	15.68	15.54		
20	16QAM	50	50	15.55	15.77	15.49		
20	16QAM	100	0	15.44	15.55	15.65		
20	64QAM	1	0	15.72	15.52	15.50	16.7	0
20	64QAM	1	49	15.27	15.65	15.55		
20	64QAM	1	99	15.58	15.67	15.65		
20	64QAM	50	0	15.37	15.63	15.63	16.7	0
20	64QAM	50	24	15.51	15.62	15.58		
20	64QAM	50	50	15.54	15.72	15.46		
20	64QAM	100	0	15.46	15.58	15.51		
20	256QAM	1	0	15.36	15.53	15.85	16.7	0
20	256QAM	1	49	15.31	15.61	15.69		
20	256QAM	1	99	15.47	15.65	15.64		
20	256QAM	50	0	15.45	15.53	15.57	16.7	0
20	256QAM	50	24	15.32	15.45	15.56		
20	256QAM	50	50	15.41	15.55	15.53		
20	256QAM	100	0	15.34	15.47	15.59		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.50	15.70	15.72	16.7	0
15	QPSK	1	37	15.30	15.45	15.55		
15	QPSK	1	74	15.49	15.53	15.46		
15	QPSK	36	0	15.26	15.60	15.65	16.7	0
15	QPSK	36	20	15.52	15.62	15.49		
15	QPSK	36	39	15.44	15.56	15.54		
15	QPSK	75	0	15.42	15.48	15.56		
15	16QAM	1	0	15.16	14.95	14.96	16.7	0
15	16QAM	1	37	15.17	15.20	15.09		
15	16QAM	1	74	15.12	15.39	14.96		
15	16QAM	36	0	15.21	15.66	15.65	16.7	0
15	16QAM	36	20	15.38	15.52	15.41		
15	16QAM	36	39	15.37	15.59	15.47		
15	16QAM	75	0	15.39	15.44	15.53		
15	64QAM	1	0	15.59	15.41	15.39	16.7	0
15	64QAM	1	37	15.16	15.57	15.45		
15	64QAM	1	74	15.56	15.51	15.58		
15	64QAM	36	0	15.28	15.53	15.48	16.7	0
15	64QAM	36	20	15.38	15.52	15.51		
15	64QAM	36	39	15.54	15.55	15.36		
15	64QAM	75	0	15.35	15.56	15.49		
15	256QAM	1	0	15.15	15.53	15.78	16.7	0
15	256QAM	1	37	15.28	15.48	15.65		
15	256QAM	1	74	15.33	15.51	15.55		
15	256QAM	36	0	15.35	15.44	15.44	16.7	0
15	256QAM	36	20	15.18	15.31	15.39		
15	256QAM	36	39	15.27	15.43	15.48		
15	256QAM	75	0	15.17	15.37	15.50		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2565		
10	QPSK	1	0	15.47	15.72	15.63	16.7	0
10	QPSK	1	25	15.36	15.42	15.48		
10	QPSK	1	49	15.34	15.49	15.40		
10	QPSK	25	0	15.42	15.72	15.60	16.7	0
10	QPSK	25	12	15.47	15.51	15.59		
10	QPSK	25	25	15.41	15.63	15.54		
10	QPSK	50	0	15.32	15.51	15.48		
10	16QAM	1	0	15.05	15.05	14.93	16.7	0
10	16QAM	1	25	15.24	15.20	14.96		
10	16QAM	1	49	15.28	15.38	14.95		
10	16QAM	25	0	15.19	15.54	15.57	16.7	0
10	16QAM	25	12	15.35	15.55	15.37		
10	16QAM	25	25	15.39	15.66	15.33		
10	16QAM	50	0	15.29	15.47	15.55		
10	64QAM	1	0	15.68	15.36	15.37	16.7	0
10	64QAM	1	25	15.16	15.47	15.49		
10	64QAM	1	49	15.45	15.65	15.52		
10	64QAM	25	0	15.34	15.58	15.47	16.7	0
10	64QAM	25	12	15.42	15.53	15.45		
10	64QAM	25	25	15.36	15.69	15.43		
10	64QAM	50	0	15.36	15.54	15.51		
10	256QAM	1	0	15.24	15.35	15.74	16.7	0
10	256QAM	1	25	15.31	15.54	15.61		
10	256QAM	1	49	15.30	15.61	15.63		
10	256QAM	25	0	15.45	15.47	15.46	16.7	0
10	256QAM	25	12	15.19	15.43	15.44		
10	256QAM	25	25	15.40	15.43	15.36		
10	256QAM	50	0	15.29	15.37	15.58		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.45	15.78	15.72	16.7	0
5	QPSK	1	12	15.48	15.40	15.49		
5	QPSK	1	24	15.37	15.41	15.51		
5	QPSK	12	0	15.32	15.67	15.56	16.7	0
5	QPSK	12	7	15.36	15.66	15.51		
5	QPSK	12	13	15.44	15.52	15.50		
5	QPSK	25	0	15.48	15.53	15.59		
5	16QAM	1	0	15.06	15.01	14.98	16.7	0
5	16QAM	1	12	15.26	15.14	14.93		
5	16QAM	1	24	15.27	15.16	15.07		
5	16QAM	12	0	15.22	15.63	15.54	16.7	0
5	16QAM	12	7	15.34	15.53	15.46		
5	16QAM	12	13	15.48	15.68	15.37		
5	16QAM	25	0	15.26	15.37	15.44		
5	64QAM	1	0	15.63	15.47	15.41	16.7	0
5	64QAM	1	12	15.27	15.59	15.46		
5	64QAM	1	24	15.43	15.53	15.59		
5	64QAM	12	0	15.20	15.56	15.45	16.7	0
5	64QAM	12	7	15.50	15.57	15.46		
5	64QAM	12	13	15.41	15.67	15.31		
5	64QAM	25	0	15.29	15.54	15.51		
5	256QAM	1	0	15.14	15.47	15.70	16.7	0
5	256QAM	1	12	15.29	15.54	15.61		
5	256QAM	1	24	15.45	15.50	15.62		
5	256QAM	12	0	15.43	15.48	15.57	16.7	0
5	256QAM	12	7	15.27	15.37	15.54		
5	256QAM	12	13	15.36	15.54	15.36		
5	256QAM	25	0	15.24	15.40	15.54		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	11.97	12.27	12.09	13.5	0
20	QPSK	1	49	11.94	11.97	11.98		
20	QPSK	1	99	11.90	11.91	11.92		
20	QPSK	50	0	11.87	12.17	12.08	13.5	0
20	QPSK	50	24	11.82	12.14	12.00		
20	QPSK	50	50	11.85	11.95	12.06		
20	QPSK	100	0	11.95	12.04	11.83		
20	16QAM	1	0	11.58	11.59	11.54	13.5	0
20	16QAM	1	49	11.66	11.56	11.54		
20	16QAM	1	99	11.71	11.56	11.56		
20	16QAM	50	0	11.78	12.01	12.16	13.5	0
20	16QAM	50	24	11.66	12.17	11.98		
20	16QAM	50	50	11.68	12.19	11.99		
20	16QAM	100	0	11.94	11.98	11.91		
20	64QAM	1	0	12.06	11.96	11.85	13.5	0
20	64QAM	1	49	11.75	12.00	12.05		
20	64QAM	1	99	11.91	12.14	12.02		
20	64QAM	50	0	11.86	12.07	12.11	13.5	0
20	64QAM	50	24	11.88	11.97	11.91		
20	64QAM	50	50	11.91	12.08	11.80		
20	64QAM	100	0	11.85	12.02	11.96		
20	256QAM	1	0	12.02	11.94	12.19	13.5	0
20	256QAM	1	49	12.13	11.89	11.93		
20	256QAM	1	99	12.11	12.00	11.91		
20	256QAM	50	0	12.12	11.92	11.86	13.5	0
20	256QAM	50	24	12.13	11.73	11.77		
20	256QAM	50	50	12.22	11.94	11.82		
20	256QAM	100	0	12.12	11.88	11.95		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	11.93	12.27	12.09	13.5	0
15	QPSK	1	37	11.94	11.96	11.94		
15	QPSK	1	74	11.86	11.91	11.89		
15	QPSK	36	0	11.81	12.08	12.01	13.5	0
15	QPSK	36	20	11.94	12.11	12.00		
15	QPSK	36	39	11.91	11.91	11.98		
15	QPSK	75	0	11.95	12.04	11.79		
15	16QAM	1	0	11.57	11.54	11.50	13.5	0
15	16QAM	1	37	11.64	11.54	11.50		
15	16QAM	1	74	11.71	11.90	11.50		
15	16QAM	36	0	11.79	11.93	12.14	13.5	0
15	16QAM	36	20	11.83	12.12	11.94		
15	16QAM	36	39	11.85	12.11	11.91		
15	16QAM	75	0	11.87	11.91	11.90		
15	64QAM	1	0	12.03	11.95	11.83	13.5	0
15	64QAM	1	37	11.71	11.99	11.98		
15	64QAM	1	74	11.83	12.09	11.99		
15	64QAM	36	0	11.82	12.02	12.11	13.5	0
15	64QAM	36	20	11.86	11.97	11.83		
15	64QAM	36	39	11.88	12.00	11.79		
15	64QAM	75	0	11.94	12.02	11.95		
15	256QAM	1	0	11.95	11.88	12.15	13.5	0
15	256QAM	1	37	12.12	11.89	11.92		
15	256QAM	1	74	12.08	11.99	11.91		
15	256QAM	36	0	12.12	11.87	11.78	13.5	0
15	256QAM	36	20	12.13	11.79	11.74		
15	256QAM	36	39	12.18	11.89	11.74		
15	256QAM	75	0	12.07	11.88	11.90		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2565		
10	QPSK	1	0	11.52	12.25	12.06	13.5	0
10	QPSK	1	25	11.87	11.94	11.91		
10	QPSK	1	49	11.88	11.87	11.87		
10	QPSK	25	0	11.79	12.05	12.08	13.5	0
10	QPSK	25	12	11.97	12.09	11.94		
10	QPSK	25	25	11.94	11.93	11.98		
10	QPSK	50	0	11.92	11.96	11.77		
10	16QAM	1	0	11.55	11.51	11.50	13.5	0
10	16QAM	1	25	11.68	11.50	11.54		
10	16QAM	1	49	11.66	11.91	11.52		
10	16QAM	25	0	11.76	11.97	12.11	13.5	0
10	16QAM	25	12	11.83	12.10	11.97		
10	16QAM	25	25	11.85	12.14	11.95		
10	16QAM	50	0	11.88	11.95	11.97		
10	64QAM	1	0	12.01	11.88	11.81	13.5	0
10	64QAM	1	25	11.67	11.96	12.04		
10	64QAM	1	49	11.85	12.12	11.97		
10	64QAM	25	0	11.85	11.99	12.09	13.5	0
10	64QAM	25	12	11.81	11.97	11.89		
10	64QAM	25	25	11.80	12.02	11.74		
10	64QAM	50	0	11.87	11.98	11.96		
10	256QAM	1	0	11.95	11.88	12.17	13.5	0
10	256QAM	1	25	12.12	11.82	11.86		
10	256QAM	1	49	12.06	12.01	11.86		
10	256QAM	25	0	12.06	11.97	11.81	13.5	0
10	256QAM	25	12	12.10	11.73	11.77		
10	256QAM	25	25	12.14	11.86	11.80		
10	256QAM	50	0	12.12	11.88	11.90		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	11.91	12.19	12.03	13.5	0
5	QPSK	1	12	11.94	11.92	11.97		
5	QPSK	1	24	11.88	11.90	11.90		
5	QPSK	12	0	11.87	12.12	12.04	13.5	0
5	QPSK	12	7	11.98	12.09	11.94		
5	QPSK	12	13	11.92	11.87	11.99		
5	QPSK	25	0	11.88	12.01	11.76		
5	16QAM	1	0	11.58	11.58	11.54	13.5	0
5	16QAM	1	12	11.64	11.52	11.51		
5	16QAM	1	24	11.66	11.88	11.50		
5	16QAM	12	0	11.77	11.88	12.15	13.5	0
5	16QAM	12	7	11.79	12.17	11.96		
5	16QAM	12	13	11.83	12.16	11.98		
5	16QAM	25	0	11.88	11.96	11.87		
5	64QAM	1	0	12.03	11.91	11.82	13.5	0
5	64QAM	1	12	11.72	11.96	11.97		
5	64QAM	1	24	11.85	12.13	11.96		
5	64QAM	12	0	11.79	12.04	12.03	13.5	0
5	64QAM	12	7	11.87	11.94	11.88		
5	64QAM	12	13	11.83	12.03	11.80		
5	64QAM	25	0	11.91	11.97	11.96		
5	256QAM	1	0	12.07	11.88	12.13	13.5	0
5	256QAM	1	12	12.10	11.87	11.93		
5	256QAM	1	24	12.05	12.00	11.87		
5	256QAM	12	0	12.09	11.89	11.78	13.5	0
5	256QAM	12	7	12.06	11.69	11.76		
5	256QAM	12	13	12.22	11.99	11.76		
5	256QAM	25	0	12.11	11.86	11.94		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.81	22.54	22.46	24	0
20	QPSK	1	49	22.83	22.52	22.45		
20	QPSK	1	99	22.89	22.46	22.47		
20	QPSK	50	0	21.64	21.31	21.32	23	1
20	QPSK	50	24	21.63	21.24	21.26		
20	QPSK	50	50	21.54	21.23	21.26		
20	QPSK	100	0	21.55	21.29	21.28		
20	16QAM	1	0	21.64	21.37	21.26	23	1
20	16QAM	1	49	21.62	21.27	21.33		
20	16QAM	1	99	21.54	21.25	21.30		
20	16QAM	50	0	20.61	20.33	20.30	22	2
20	16QAM	50	24	20.59	20.25	20.31		
20	16QAM	50	50	20.56	20.22	20.28		
20	16QAM	100	0	20.56	20.24	20.31		
20	64QAM	1	0	20.32	20.03	20.07	22	2
20	64QAM	1	49	20.29	20.02	20.05		
20	64QAM	1	99	20.26	20.01	20.02		
20	64QAM	50	0	19.59	19.31	19.34	21	3
20	64QAM	50	24	19.61	19.26	19.36		
20	64QAM	50	50	19.56	19.25	19.28		
20	64QAM	100	0	19.62	19.29	19.26		
20	256QAM	1	0	17.24	17.34	17.09	19	5
20	256QAM	1	49	17.27	17.24	17.31		
20	256QAM	1	99	17.19	17.19	17.24		
20	256QAM	50	0	17.35	17.09	17.33	19	5
20	256QAM	50	24	17.14	17.23	17.30		
20	256QAM	50	50	17.22	17.20	17.22		
20	256QAM	100	0	17.30	17.30	17.20		
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.77	22.36	22.36	24	0
15	QPSK	1	37	22.78	22.37	22.33		
15	QPSK	1	74	22.70	22.39	22.36		
15	QPSK	36	0	21.73	21.32	21.23	23	1
15	QPSK	36	20	21.69	21.25	21.29		
15	QPSK	36	39	21.68	21.24	21.24		
15	QPSK	75	0	21.71	21.27	21.25		
15	16QAM	1	0	21.72	21.33	21.29	23	1
15	16QAM	1	37	21.79	21.35	21.31		
15	16QAM	1	74	21.69	21.23	21.38		
15	16QAM	36	0	20.71	20.23	20.27	22	2
15	16QAM	36	20	20.59	20.18	20.25		
15	16QAM	36	39	20.60	20.17	20.25		
15	16QAM	75	0	20.69	20.28	20.30		
15	64QAM	1	0	20.53	20.11	20.09	22	2
15	64QAM	1	37	20.52	20.01	20.02		
15	64QAM	1	74	20.52	20.06	20.02		
15	64QAM	36	0	19.73	19.33	19.27	21	3
15	64QAM	36	20	19.70	19.27	19.31		
15	64QAM	36	39	19.64	19.25	19.28		
15	64QAM	75	0	19.73	19.34	19.36		
15	256QAM	1	0	17.23	17.34	17.20	19	5
15	256QAM	1	37	17.17	17.35	17.32		
15	256QAM	1	74	17.19	17.10	17.15		
15	256QAM	36	0	17.17	17.18	17.23	19	5
15	256QAM	36	20	17.11	17.32	17.34		
15	256QAM	36	39	17.09	17.30	17.11		
15	256QAM	75	0	17.34	17.35	17.22		
Channel				37950	38000	38050	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.86	22.27	22.44	24	0
10	QPSK	1	25	22.81	22.31	22.29		
10	QPSK	1	49	22.77	22.29	22.45		
10	QPSK	25	0	21.77	21.40	21.32	23	1
10	QPSK	25	12	21.71	21.25	21.20		
10	QPSK	25	25	21.72	21.18	21.18		
10	QPSK	50	0	21.78	21.24	21.21		
10	16QAM	1	0	21.73	21.27	21.35	23	1
10	16QAM	1	25	21.78	21.44	21.36		
10	16QAM	1	49	21.66	21.29	21.33		
10	16QAM	25	0	20.61	20.22	20.26	22	2
10	16QAM	25	12	20.65	20.15	20.21		
10	16QAM	25	25	20.62	20.25	20.16		
10	16QAM	50	0	20.73	20.22	20.30		
10	64QAM	1	0	20.52	20.01	20.03	22	2
10	64QAM	1	25	20.51	20.14	20.02		
10	64QAM	1	49	20.46	20.03	20.03		
10	64QAM	25	0	19.75	19.26	19.21	21	3
10	64QAM	25	12	19.62	19.28	19.38		
10	64QAM	25	25	19.71	19.15	19.30		
10	64QAM	50	0	19.75	19.26	19.27		
10	256QAM	1	0	17.23	17.34	17.20	19	5
10	256QAM	1	25	17.17	17.35	17.32		
10	256QAM	1	49	17.19	17.10	17.15		
10	256QAM	25	0	17.17	17.18	17.23	19	5
10	256QAM	25	12	17.11	17.32	17.34		
10	256QAM	25	25	17.09	17.30	17.11		
10	256QAM	50	0	17.34	17.35	17.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.84	22.29	22.29	24	0
5	QPSK	1	12	22.80	22.46	22.28		
5	QPSK	1	24	22.78	22.43	22.46		
5	QPSK	12	0	21.70	21.40	21.25	23	1
5	QPSK	12	7	21.74	21.17	21.20		
5	QPSK	12	13	21.62	21.23	21.16		
5	QPSK	25	0	21.75	21.15	21.17		
5	16QAM	1	0	21.68	21.39	21.31	23	1
5	16QAM	1	12	21.72	21.33	21.23		
5	16QAM	1	24	21.79	21.17	21.40		
5	16QAM	12	0	20.73	20.32	20.21	22	2
5	16QAM	12	7	20.56	20.20	20.30		
5	16QAM	12	13	20.50	20.27	20.26		
5	16QAM	25	0	20.77	20.19	20.30		
5	64QAM	1	0	20.59	20.15	20.04	22	2
5	64QAM	1	12	20.62	20.09	20.07		
5	64QAM	1	24	20.53	20.10	20.03		
5	64QAM	12	0	19.65	19.40	19.24	21	3
5	64QAM	12	7	19.65	19.19	19.35		
5	64QAM	12	13	19.59	19.21	19.32		
5	64QAM	25	0	19.74	19.30	19.45		
5	256QAM	1	0	17.23	17.34	17.20	19	5
5	256QAM	1	12	17.17	17.35	17.32		
5	256QAM	1	24	17.19	17.10	17.15		
5	256QAM	12	0	17.17	17.18	17.23	19	5
5	256QAM	12	7	17.11	17.32	17.34		
5	256QAM	12	13	17.09	17.30	17.11		
5	256QAM	25	0	17.34	17.35	17.22		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.54	24.39	24.36	25.5	0
20	QPSK	1	49	24.55	24.38	24.36		
20	QPSK	1	99	24.66	24.37	24.31		
20	QPSK	50	0	23.57	23.32	23.39	24.5	1
20	QPSK	50	24	23.56	23.29	23.39		
20	QPSK	50	50	23.52	23.35	23.38		
20	QPSK	100	0	23.49	23.27	23.41		
20	16QAM	1	0	23.56	23.31	23.30	24.5	1
20	16QAM	1	49	23.50	23.36	23.34		
20	16QAM	1	99	23.56	23.38	23.35		
20	16QAM	50	0	22.53	22.33	22.38	23.5	2
20	16QAM	50	24	22.58	22.33	22.39		
20	16QAM	50	50	22.61	22.33	22.33		
20	16QAM	100	0	22.50	22.25	22.36		
20	64QAM	1	0	22.29	22.06	22.05	23.5	2
20	64QAM	1	49	22.25	22.06	22.10		
20	64QAM	1	99	22.28	22.00	22.11		
20	64QAM	50	0	21.50	21.31	21.38	22.5	3
20	64QAM	50	24	21.59	21.31	21.40		
20	64QAM	50	50	21.54	21.35	21.42		
20	64QAM	100	0	21.55	21.27	21.37		
20	256QAM	1	0	19.09	19.33	19.23	20.5	5
20	256QAM	1	49	19.38	19.45	18.98		
20	256QAM	1	99	19.20	19.26	19.13		
20	256QAM	50	0	19.32	18.95	19.03	20.5	5
20	256QAM	50	24	19.38	19.27	19.37		
20	256QAM	50	50	19.29	19.11	18.94		
20	256QAM	100	0	19.32	19.40	19.42		
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.61	24.33	24.32	25.5	0
15	QPSK	1	37	24.56	24.33	24.39		
15	QPSK	1	74	24.60	24.34	24.34		
15	QPSK	36	0	23.43	23.21	23.41	24.5	1
15	QPSK	36	20	23.52	23.24	23.28		
15	QPSK	36	39	23.55	23.23	23.29		
15	QPSK	75	0	23.54	23.18	23.32		
15	16QAM	1	0	23.51	23.24	23.29	24.5	1
15	16QAM	1	37	23.57	23.31	23.33		
15	16QAM	1	74	23.58	23.28	23.38		
15	16QAM	36	0	22.44	22.18	22.30	23.5	2
15	16QAM	36	20	22.47	22.25	22.25		
15	16QAM	36	39	22.54	22.18	22.29		
15	16QAM	75	0	22.55	22.23	22.36		
15	64QAM	1	0	22.32	22.04	22.09	23.5	2
15	64QAM	1	37	22.30	22.06	22.12		
15	64QAM	1	74	22.34	22.00	22.02		
15	64QAM	36	0	21.54	21.26	21.33	22.5	3
15	64QAM	36	20	21.51	21.23	21.26		
15	64QAM	36	39	21.56	21.25	21.34		
15	64QAM	75	0	21.52	21.24	21.30		
15	256QAM	1	0	19.32	19.06	19.37	20.5	5
15	256QAM	1	37	19.44	19.01	19.00		
15	256QAM	1	74	19.25	18.98	18.90		
15	256QAM	36	0	19.02	19.26	19.00	20.5	5
15	256QAM	36	20	19.15	19.21	18.92		
15	256QAM	36	39	19.36	18.95	18.94		
15	256QAM	75	0	19.12	18.91	19.31		
Channel				37950	38000	38050	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.56	24.31	24.43	25.5	0
10	QPSK	1	25	24.57	24.27	24.31		
10	QPSK	1	49	24.60	24.27	24.40		
10	QPSK	25	0	23.50	23.29	23.34	24.5	1
10	QPSK	25	12	23.59	23.27	23.37		
10	QPSK	25	25	23.55	23.27	23.34		
10	QPSK	50	0	23.52	23.30	23.42		
10	16QAM	1	0	23.55	23.28	23.37	24.5	1
10	16QAM	1	25	23.68	23.31	23.30		
10	16QAM	1	49	23.69	23.24	23.36		
10	16QAM	25	0	22.61	22.33	22.42	23.5	2
10	16QAM	25	12	22.57	22.24	22.44		
10	16QAM	25	25	22.57	22.27	22.37		
10	16QAM	50	0	22.54	22.33	22.39		
10	64QAM	1	0	22.33	22.05	22.08	23.5	2
10	64QAM	1	25	22.28	22.03	22.09		
10	64QAM	1	49	22.36	22.05	22.08		
10	64QAM	25	0	21.57	21.31	21.46	22.5	3
10	64QAM	25	12	21.60	21.31	21.42		
10	64QAM	25	25	21.64	21.30	21.44		
10	64QAM	50	0	21.58	21.26	21.31		
10	256QAM	1	0	19.04	18.94	19.27	20.5	5
10	256QAM	1	25	19.14	19.29	19.05		
10	256QAM	1	49	19.06	19.32	19.33		
10	256QAM	25	0	19.33	19.35	19.15	20.5	5
10	256QAM	25	12	19.31	19.20	18.98		
10	256QAM	25	25	19.16	18.96	19.37		
10	256QAM	50	0	19.42	19.02	19.28		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.52	24.21	24.33	25.5	0
5	QPSK	1	12	24.59	24.18	24.41		
5	QPSK	1	24	24.54	24.20	24.37		
5	QPSK	12	0	23.53	23.14	23.32	24.5	1
5	QPSK	12	7	23.46	23.17	23.36		
5	QPSK	12	13	23.45	23.19	23.28		
5	QPSK	25	0	23.49	23.26	23.35		
5	16QAM	1	0	23.56	23.25	23.29	24.5	1
5	16QAM	1	12	23.57	23.18	23.33		
5	16QAM	1	24	23.54	23.22	23.41		
5	16QAM	12	0	22.44	22.12	22.22	23.5	2
5	16QAM	12	7	22.40	22.08	22.27		
5	16QAM	12	13	22.36	22.10	22.21		
5	16QAM	25	0	22.53	22.23	22.43		
5	64QAM	1	0	22.27	21.96	22.07	23.5	2
5	64QAM	1	12	22.31	21.98	22.12		
5	64QAM	1	24	22.25	21.96	22.11		
5	64QAM	12	0	21.52	21.21	21.31	22.5	3
5	64QAM	12	7	21.55	21.20	21.34		
5	64QAM	12	13	21.51	21.20	21.35		
5	64QAM	25	0	21.54	21.28	21.45		
5	256QAM	1	0	19.02	19.04	19.28	20.5	5
5	256QAM	1	12	18.97	19.01	19.08		
5	256QAM	1	24	19.22	19.11	19.19		
5	256QAM	12	0	19.44	19.20	19.35	20.5	5
5	256QAM	12	7	18.96	19.05	19.30		
5	256QAM	12	13	19.30	18.94	19.00		
5	256QAM	25	0	19.06	19.08	19.36		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.12	17.11	17.10	17.2	0
20	QPSK	1	49	17.11	17.14	17.09		
20	QPSK	1	99	17.18	17.16	17.17		
20	QPSK	50	0	17.16	17.09	17.15	17.2	0
20	QPSK	50	24	17.09	17.05	17.10		
20	QPSK	50	50	17.09	17.07	17.10		
20	QPSK	100	0	17.15	17.12	17.10		
20	16QAM	1	0	17.17	17.15	17.15	17.2	0
20	16QAM	1	49	17.17	17.09	17.10		
20	16QAM	1	99	17.10	17.16	17.13		
20	16QAM	50	0	17.16	17.10	17.09	17.2	0
20	16QAM	50	24	17.09	17.15	17.11		
20	16QAM	50	50	17.14	17.10	17.12		
20	16QAM	100	0	17.15	17.12	17.09		
20	64QAM	1	0	17.17	17.11	17.11	17.2	0
20	64QAM	1	49	17.16	17.10	17.14		
20	64QAM	1	99	17.17	17.09	17.10		
20	64QAM	50	0	17.12	17.16	17.15	17.2	0
20	64QAM	50	24	17.13	17.13	17.16		
20	64QAM	50	50	17.12	17.16	17.15		
20	64QAM	100	0	17.09	17.11	17.16		
20	256QAM	1	0	16.71	16.72	16.78	17.2	0
20	256QAM	1	49	16.69	16.62	16.66		
20	256QAM	1	99	16.66	16.67	16.53		
20	256QAM	50	0	16.96	16.86	17.00	17.2	0
20	256QAM	50	24	16.94	16.86	16.97		
20	256QAM	50	50	16.89	16.84	16.88		
20	256QAM	100	0	16.87	16.78	16.85		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.04	17.15	17.11	17.2	0
15	QPSK	1	37	17.10	17.12	17.09		
15	QPSK	1	74	17.17	17.17	17.17		
15	QPSK	36	0	17.16	17.02	17.15	17.2	0
15	QPSK	36	20	17.10	17.12	17.11		
15	QPSK	36	39	17.02	17.17	17.13		
15	QPSK	75	0	17.15	17.10	17.14		
15	16QAM	1	0	17.10	17.17	17.14	17.2	0
15	16QAM	1	37	17.16	17.02	17.12		
15	16QAM	1	74	17.17	17.10	17.13		
15	16QAM	36	0	17.12	17.08	17.14	17.2	0
15	16QAM	36	20	17.16	17.10	17.15		
15	16QAM	36	39	17.11	17.17	17.14		
15	16QAM	75	0	17.14	17.12	17.17		
15	64QAM	1	0	17.17	17.13	17.13	17.2	0
15	64QAM	1	37	17.12	17.13	17.14		
15	64QAM	1	74	17.16	17.02	17.12		
15	64QAM	36	0	17.11	17.17	17.15	17.2	0
15	64QAM	36	20	17.16	17.02	17.02		
15	64QAM	36	39	17.15	17.11	17.17		
15	64QAM	75	0	17.17	17.16	17.02	17.2	0
15	256QAM	1	0	16.71	16.62	16.71		
15	256QAM	1	37	16.62	16.57	16.58		
15	256QAM	1	74	16.59	16.61	16.49		
15	256QAM	36	0	16.90	16.79	16.93	17.2	0
15	256QAM	36	20	16.91	16.80	16.94		
15	256QAM	36	39	16.83	16.76	16.80		
15	256QAM	75	0	16.83	16.73	16.82		
Channel				37950	38000	38050	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.14	17.10	17.12	17.2	0
10	QPSK	1	25	17.15	17.13	17.12		
10	QPSK	1	49	17.12	17.16	17.14		
10	QPSK	25	0	17.07	17.17	17.01	17.2	0
10	QPSK	25	12	17.06	17.11	17.07		
10	QPSK	25	25	17.07	17.16	17.07		
10	QPSK	50	0	17.10	17.06	17.01		
10	16QAM	1	0	17.11	17.15	17.12	17.2	0
10	16QAM	1	25	17.10	17.06	17.15		
10	16QAM	1	49	17.07	17.12	17.12		
10	16QAM	25	0	17.15	17.16	17.07	17.2	0
10	16QAM	25	12	17.07	17.12	17.16		
10	16QAM	25	25	17.06	17.14	17.11		
10	16QAM	50	0	17.15	17.01	17.07		
10	64QAM	1	0	17.06	17.16	17.13	17.2	0
10	64QAM	1	25	17.11	17.17	17.10		
10	64QAM	1	49	17.12	17.12	17.06		
10	64QAM	25	0	17.13	17.12	17.17	17.2	0
10	64QAM	25	12	17.10	17.14	17.15		
10	64QAM	25	25	17.12	17.17	17.15		
10	64QAM	50	0	17.07	17.07	17.07		
10	256QAM	1	0	16.68	16.62	16.68	17.2	0
10	256QAM	1	25	16.69	16.56	16.63		
10	256QAM	1	49	16.57	16.57	16.43		
10	256QAM	25	0	16.85	16.75	16.91	17.2	0
10	256QAM	25	12	16.84	16.83	16.94		
10	256QAM	25	25	16.82	16.75	16.85		
10	256QAM	50	0	16.81	16.67	16.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.14	17.05	17.01	17.2	0
5	QPSK	1	12	17.15	17.07	17.13		
5	QPSK	1	24	17.14	17.12	17.07		
5	QPSK	12	0	17.11	17.17	17.08	17.2	0
5	QPSK	12	7	17.12	17.07	17.15		
5	QPSK	12	13	17.16	17.17	17.14		
5	QPSK	25	0	17.01	17.03	17.10		
5	16QAM	1	0	17.15	17.14	17.16	17.2	0
5	16QAM	1	12	17.16	17.16	17.07		
5	16QAM	1	24	17.14	17.16	17.10		
5	16QAM	12	0	17.16	17.13	17.10	17.2	0
5	16QAM	12	7	17.07	17.12	17.10		
5	16QAM	12	13	17.13	17.15	17.11		
5	16QAM	25	0	17.14	17.12	17.17		
5	64QAM	1	0	17.07	17.16	17.13	17.2	0
5	64QAM	1	12	17.11	17.01	17.16		
5	64QAM	1	24	17.10	17.07	17.03		
5	64QAM	12	0	17.15	17.15	17.12	17.2	0
5	64QAM	12	7	17.17	17.07	17.17		
5	64QAM	12	13	17.10	17.16	17.14		
5	64QAM	25	0	17.12	17.10	17.13		
5	256QAM	1	0	16.65	16.63	16.78	17.2	0
5	256QAM	1	12	16.63	16.61	16.59		
5	256QAM	1	24	16.66	16.67	16.49		
5	256QAM	12	0	16.95	16.85	16.91	17.2	0
5	256QAM	12	7	16.83	16.85	16.97		
5	256QAM	12	13	16.85	16.74	16.77		
5	256QAM	25	0	16.84	16.73	16.82		

Band 38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	13.92	13.82	13.82	15	0
20	QPSK	1	49	13.91	13.87	13.84		
20	QPSK	1	99	14.21	13.89	13.90		
20	QPSK	50	0	14.11	13.93	14.00		
20	QPSK	50	24	13.92	13.85	13.98	15	0
20	QPSK	50	50	14.03	13.84	13.96		
20	QPSK	100	0	14.02	13.95	13.97		
20	16QAM	1	0	14.08	14.05	14.07		
20	16QAM	1	49	14.14	14.13	14.10	15	0
20	16QAM	1	99	14.18	14.16	14.15		
20	16QAM	50	0	13.94	14.03	14.10		
20	16QAM	50	24	14.07	13.98	14.08	15	0
20	16QAM	50	50	14.08	14.03	14.07		
20	16QAM	100	0	14.00	13.95	13.99		
20	64QAM	1	0	13.98	14.01	13.94		
20	64QAM	1	49	14.05	14.03	14.01	15	0
20	64QAM	1	99	14.13	14.01	14.09		
20	64QAM	50	0	14.01	13.93	14.04		
20	64QAM	50	24	14.07	14.04	14.03	15	0
20	64QAM	50	50	14.03	14.04	13.97		
20	64QAM	100	0	13.99	13.97	13.98		
20	256QAM	1	0	13.80	13.95	13.87		
20	256QAM	1	49	13.94	13.86	13.89	15	0
20	256QAM	1	99	14.05	13.89	14.03		
20	256QAM	50	0	13.86	13.81	13.98		
20	256QAM	50	24	13.89	13.87	13.91	15	0
20	256QAM	50	50	13.86	13.86	13.89		
20	256QAM	100	0	13.87	13.79	13.88		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	13.87	13.78	13.79	15	0
15	QPSK	1	37	13.84	13.78	13.78		
15	QPSK	1	74	14.11	13.89	13.83		
15	QPSK	36	0	14.09	13.86	13.99	15	0
15	QPSK	36	20	13.87	14.02	13.94		
15	QPSK	36	39	13.97	13.94	14.02		
15	QPSK	75	0	13.98	13.92	13.87		
15	16QAM	1	0	14.01	14.03	14.07		
15	16QAM	1	37	14.04	14.09	14.10	15	0
15	16QAM	1	74	14.14	14.05	14.08		
15	16QAM	36	0	13.89	13.95	13.91		
15	16QAM	36	20	14.06	13.94	14.02	15	0
15	16QAM	36	39	13.99	13.98	13.97		
15	16QAM	75	0	13.94	13.93	13.89		
15	64QAM	1	0	13.94	13.94	13.93		
15	64QAM	1	37	14.03	13.95	13.92	15	0
15	64QAM	1	74	14.05	13.97	14.01		
15	64QAM	36	0	14.01	13.93	13.97		
15	64QAM	36	20	14.01	13.94	13.99	15	0
15	64QAM	36	39	13.96	13.97	13.94		
15	64QAM	75	0	13.89	13.93	13.91		
15	256QAM	1	0	13.70	13.91	13.84		
15	256QAM	1	37	13.91	13.82	13.86	15	0
15	256QAM	1	74	14.01	13.86	13.98		
15	256QAM	36	0	13.82	13.79	13.98		
15	256QAM	36	20	13.85	13.87	13.85	15	0
15	256QAM	36	39	13.83	13.83	13.79		
15	256QAM	75	0	13.84	13.71	13.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	13.86	13.77	13.79	15	0
10	QPSK	1	25	13.87	13.76	13.80		
10	QPSK	1	49	14.10	13.85	13.87		
10	QPSK	25	0	14.02	13.90	13.91	15	0
10	QPSK	25	12	13.86	14.02	13.94		
10	QPSK	25	25	14.02	13.97	13.96		
10	QPSK	50	0	13.99	13.90	13.89		
10	16QAM	1	0	14.02	13.98	13.96	15	0
10	16QAM	1	25	14.06	14.02	14.07		
10	16QAM	1	49	14.17	14.12	14.08		
10	16QAM	25	0	13.91	14.03	13.98	15	0
10	16QAM	25	12	14.00	13.91	14.07		
10	16QAM	25	25	14.02	13.98	14.00		
10	16QAM	50	0	13.99	13.94	13.99		
10	64QAM	1	0	13.94	13.96	13.84		
10	64QAM	1	25	13.95	14.01	13.93	15	0
10	64QAM	1	49	14.03	14.00	14.07		
10	64QAM	25	0	14.01	13.82	14.03		
10	64QAM	25	12	14.07	13.95	14.00	15	0
10	64QAM	25	25	14.02	13.95	13.93		
10	64QAM	50	0	13.91	13.92	13.86		
10	256QAM	1	0	13.71	13.87	13.85		
10	256QAM	1	25	13.87	13.78	13.79	15	0
10	256QAM	1	49	13.94	13.85	13.94		
10	256QAM	25	0	13.84	13.76	13.87		
10	256QAM	25	12	13.82	13.84	13.82	15	0
10	256QAM	25	25	13.75	13.78	13.86		
10	256QAM	50	0	13.82	13.75	13.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	13.84	13.75	13.75	15	0
5	QPSK	1	12	13.86	13.86	13.82		
5	QPSK	1	24	14.13	13.82	13.82		
5	QPSK	12	0	14.11	13.89	13.96	15	0
5	QPSK	12	7	13.88	13.97	13.96		
5	QPSK	12	13	14.02	14.01	13.91		
5	QPSK	25	0	13.98	13.86	13.89		
5	16QAM	1	0	14.01	14.00	14.01		
5	16QAM	1	12	14.10	14.08	14.05	15	0
5	16QAM	1	24	14.15	14.15	14.13		
5	16QAM	12	0	13.84	14.01	13.97		
5	16QAM	12	7	14.06	13.98	14.02	15	0
5	16QAM	12	13	14.05	13.92	14.00		
5	16QAM	25	0	14.00	13.85	13.96		
5	64QAM	1	0	13.87	13.99	13.90		
5	64QAM	1	12	13.98	13.98	13.98	15	0
5	64QAM	1	24	14.13	13.96	14.04		
5	64QAM	12	0	14.00	13.87	13.93		
5	64QAM	12	7	13.96	13.97	13.94	15	0
5	64QAM	12	13	13.92	13.99	13.94		
5	64QAM	25	0	13.91	13.94	13.93		
5	256QAM	1	0	13.71	13.93	13.79		
5	256QAM	1	12	13.91	13.81	13.89	15	0
5	256QAM	1	24	14.02	13.79	13.96		
5	256QAM	12	0	13.76	13.71	13.95		
5	256QAM	12	7	13.82	13.85	13.86	15	0
5	256QAM	12	13	13.86	13.77	13.79		
5	256QAM	25	0	13.86	13.75	13.83		

Band 41_Ant 0

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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.04	23.24	23.38	23.24	23.09	24	0
20	QPSK	1	49	23.10	23.31	23.35	23.25	23.18		
20	QPSK	1	99	23.15	23.48	23.47	23.33	23.21		
20	QPSK	50	0	22.15	22.42	22.41	22.35	22.21	23	1
20	QPSK	50	24	22.11	22.29	22.37	22.22	22.16		
20	QPSK	50	50	22.14	22.27	22.35	22.31	22.11		
20	QPSK	100	0	22.12	22.38	22.37	22.25	22.13		
20	16QAM	1	0	22.11	22.33	22.43	22.25	22.17	23	1
20	16QAM	1	49	22.12	22.24	22.30	22.28	22.14		
20	16QAM	1	99	22.13	22.27	22.35	22.31	22.08		
20	16QAM	50	0	21.09	21.28	21.45	21.24	21.22	22	2
20	16QAM	50	24	21.11	21.31	21.43	21.27	21.19		
20	16QAM	50	50	21.14	21.29	21.38	21.27	21.18		
20	16QAM	100	0	21.15	21.25	21.36	21.27	21.16		
20	64QAM	1	0	20.92	20.96	21.18	20.96	20.85	22	2
20	64QAM	1	49	20.82	20.98	21.08	20.95	20.82		
20	64QAM	1	99	20.80	20.98	21.03	20.92	20.82		
20	64QAM	50	0	20.05	20.25	20.39	20.21	20.16	21	3
20	64QAM	50	24	20.08	20.25	20.38	20.23	20.14		
20	64QAM	50	50	20.13	20.29	20.33	20.23	20.13		
20	64QAM	100	0	20.08	20.24	20.31	20.18	20.17		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	5
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90		
20	256QAM	1	99	17.84	17.70	17.60	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71	19	5
20	256QAM	50	24	17.85	17.75	17.93	17.63	17.86		
20	256QAM	50	50	17.71	17.84	17.67	17.65	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.65	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.12	23.31	23.45	23.24	23.27	24.00	0
15	QPSK	1	37	23.14	23.28	23.35	23.17	23.08		
15	QPSK	1	74	23.11	23.23	23.42	23.22	23.06		
15	QPSK	36	0	22.16	22.19	22.38	22.30	22.03	23	1
15	QPSK	36	20	22.14	22.24	22.35	22.19	22.24		
15	QPSK	36	39	22.05	22.18	22.38	22.27	22.07		
15	QPSK	75	0	22.10	22.28	22.30	22.15	22.12		
15	16QAM	1	0	22.11	22.32	22.51	22.30	22.17	23	1
15	16QAM	1	37	22.18	22.14	22.22	22.28	22.21		
15	16QAM	1	74	22.13	22.24	22.38	22.22	22.10		
15	16QAM	36	0	21.14	21.38	21.51	21.20	21.15	22	2
15	16QAM	36	20	21.07	21.29	21.45	21.34	21.13		
15	16QAM	36	39	21.18	21.22	21.28	21.37	21.20		
15	16QAM	75	0	21.16	21.25	21.40	21.26	21.10		
15	64QAM	1	0	20.86	20.87	21.20	20.90	20.82	22	2
15	64QAM	1	37	20.74	21.03	21.05	20.92	20.75		
15	64QAM	1	74	20.82	21.06	21.05	20.88	20.89		
15	64QAM	36	0	20.08	20.32	20.49	20.14	20.24	21	3
15	64QAM	36	20	20.15	20.30	20.35	20.23	20.08		
15	64QAM	36	39	20.09	20.24	20.35	20.24	20.14		
15	64QAM	75	0	19.99	20.22	20.27	20.18	20.27		
15	256QAM	1	0	17.56	17.71	17.93	17.79	17.88	19	5
15	256QAM	1	37	17.68	17.59	17.69	17.61	17.81		
15	256QAM	1	74	17.89	17.65	17.68	17.68	17.71		
15	256QAM	36	0	17.64	17.65	17.58	17.89	17.60	19	5
15	256QAM	36	20	17.79	17.87	17.86	17.93	17.94		
15	256QAM	36	39	17.63	17.69	17.67	17.93	17.90		
15	256QAM	75	0	17.87	17.72	17.81	17.65	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.17	23.24	23.28	23.27	23.29	24.00	0
10	QPSK	1	25	23.19	23.22	23.37	23.17	23.14		
10	QPSK	1	49	23.04	23.23	23.34	23.24	23.06		
10	QPSK	25	0	22.24	22.31	22.50	22.30	22.11	23	1
10	QPSK	25	12	22.20	22.29	22.43	22.28	22.25		
10	QPSK	25	25	22.15	22.34	22.26	22.26	22.07		
10	QPSK	50	0	22.18	22.15	22.43	22.25	22.14		
10	16QAM	1	0	22.05	22.43	22.47	22.25	22.24	23	1
10	16QAM	1	25	22.09	22.31	22.37	22.21	22.19		
10	16QAM	1	49	22.18	22.17	22.26	22.22	21.99		
10	16QAM	25	0	21.11	21.29	21.52	21.32	21.26	22	2
10	16QAM	25	12	21.02	21.27	21.45	21.27	21.22		
10	16QAM	25	25	21.04	21.27	21.39	21.33	21.18		
10	16QAM	50	0	21.12	21.34	21.36	21.31	21.26		
10	64QAM	1	0	20.98	20.89	21.26	20.87	20.89	22	2
10	64QAM	1	25	20.77	20.95	21.04	21.01	20.82		
10	64QAM	1	49	20.82	21.07	20.95	20.89	20.86		
10	64QAM	25	0	20.13	20.28	20.48	20.13	20.21	21	3
10	64QAM	25	12	20.14	20.31	20.28	20.15	20.04		
10	64QAM	25	25	20.19	20.37	20.43	20.21	20.20		
10	64QAM	50	0	20.18	20.24	20.27	20.24	20.09		
10	256QAM	1	0	17.79	17.83	17.87	17.64	17.77	19	5
10	256QAM	1	25	17.85	17.91	17.65	17.76	17.94		
10	256QAM	1	49	17.92	17.87	17.79	17.91	17.69		
10	256QAM	25	0	17.65	17.77	17.91	17.73	17.88	19	5
10	256QAM	25	12	17.63	17.61	17.75	17.75	17.76		
10	256QAM	25	25	17.64	17.90	17.81	17.90	17.92		
10	256QAM	50	0	17.88	17.85	17.86	17.81	17.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.04	23.21	23.41	23.26	23.14	24.00	0
5	QPSK	1	12	23.10	23.35	23.34	23.24	23.09		
5	QPSK	1	24	23.18	23.26	23.37	23.35	23.06		
5	QPSK	12	0	22.14	22.33	22.35	22.30	22.17	23	1
5	QPSK	12	7	22.20	22.20	22.36	22.13	22.25		
5	QPSK	12	13	22.05	22.37	22.38	22.27	22.20		
5	QPSK	25	0	22.11	22.20	22.38	22.22	22.22		
5	16QAM	1	0	22.06	22.24	22.34	22.35	22.09	23	1
5	16QAM	1	12	22.10	22.32	22.22	22.34	22.20		
5	16QAM	1	24	22.05	22.21	22.37	22.27	22.12		
5	16QAM	12	0	21.15	21.38	21.47	21.21	21.12	22	2
5	16QAM	12	7	21.12	21.29	21.53	21.30	21.22		
5	16QAM	12	13	21.21	21.25	21.44	21.20	21.21		
5	16QAM	25	0	21.13	21.19	21.47	21.18	21.09		
5	64QAM	1	0	20.89	20.88	21.18	20.88	20.91	22	2
5	64QAM	1	12	20.90	21.07	21.17	21.03	20.79		
5	64QAM	1	24	20.72	21.03	21.09	20.89	20.90		
5	64QAM	12	0	20.11	20.24	20.45	20.31	20.17	21	3
5	64QAM	12	7	20.09	20.21	20.40	20.27	20.13		
5	64QAM	12	13	20.21	20.31	20.41	20.14	20.17		
5	64QAM	25	0	20.03	20.21	20.21	20.12	20.16		
5	256QAM	1	0	17.61	17.59	17.59	17.92	17.69	19	5
5	256QAM	1	12	17.89	17.69	17.92	17.94	17.75		
5	256QAM	1	24	17.92	17.72	17.88	17.79	17.69		
5	256QAM	12	0	17.86	17.91	17.85	17.60	17.84	19	5
5	256QAM	12	7	17.90	17.74	17.59	17.73	17.70		
5	256QAM	12	13	17.65	17.95	17.67	17.92	17.69		
5	256QAM	25	0	17.78	17.91	17.84	17.67	17.60		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.63	24.70	24.95	24.75	25.05	25.5	0
20	QPSK	1	49	24.62	24.79	25.06	24.73	25.03		
20	QPSK	1	99	24.67	25.13	25.12	24.78	25.10		
20	QPSK	50	0	23.82	24.15	24.14	23.79	24.07	24.5	1
20	QPSK	50	24	23.63	23.79	24.09	23.74	24.06		
20	QPSK	50	50	23.69	23.83	24.09	23.71	24.04		
20	QPSK	100	0	23.66	24.05	24.03	23.81	24.02		
20	16QAM	1	0	23.64	23.86	24.00	23.72	23.97	24.5	1
20	16QAM	1	49	23.70	23.70	24.05	23.79	24.01		
20	16QAM	1	99	23.68	23.80	24.08	23.84	24.00		
20	16QAM	50	0	22.59	22.82	23.04	22.82	23.01	23.5	2
20	16QAM	50	24	22.63	22.84	23.05	22.85	23.04		
20	16QAM	50	50	22.72	22.81	23.07	22.88	23.04		
20	16QAM	100	0	22.69	22.77	23.01	22.83	23.00		
20	64QAM	1	0	22.37	22.56	22.72	22.54	22.71	23.5	2
20	64QAM	1	49	22.39	22.57	22.73	22.55	22.79		
20	64QAM	1	99	22.42	22.54	22.80	22.56	22.77		
20	64QAM	50	0	21.57	21.79	21.95	21.85	22.03	22.5	3
20	64QAM	50	24	21.65	21.81	22.02	21.79	22.04		
20	64QAM	50	50	21.74	21.83	21.99	21.81	21.97		
20	64QAM	100	0	21.66	21.77	21.86	21.79	21.99		
20	256QAM	1	0	19.79	19.60	19.86	19.59	19.70	20.5	5
20	256QAM	1	49	19.46	19.52	19.75	19.95	19.62		
20	256QAM	1	99	19.83	19.56	19.77	19.74	19.79		
20	256QAM	50	0	19.78	19.92	19.49	19.65	19.87	20.5	5
20	256QAM	50	24	19.62	19.83	19.77	19.53	19.49		
20	256QAM	50	50	19.74	19.62	19.73	19.93	19.56		
20	256QAM	100	0	19.73	19.58	19.75	19.81	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.60	25.03	24.87	24.82	24.91	25.50	0
15	QPSK	1	37	24.54	25.01	24.83	24.79	24.99		
15	QPSK	1	74	24.61	25.07	24.85	24.88	24.97		
15	QPSK	36	0	23.50	23.95	23.81	23.74	23.94	24.5	1
15	QPSK	36	20	23.50	23.99	23.75	23.75	23.96		
15	QPSK	36	39	23.59	24.02	23.74	23.72	23.95		
15	QPSK	75	0	23.59	23.98	23.81	23.75	23.96		
15	16QAM	1	0	23.63	23.95	23.84	23.74	23.95	24.5	1
15	16QAM	1	37	23.66	23.98	23.76	23.75	23.96		
15	16QAM	1	74	23.65	24.06	23.78	23.73	24.01		
15	16QAM	36	0	22.49	22.91	22.77	22.72	22.92	23.5	2
15	16QAM	36	20	22.51	22.99	22.73	22.69	22.92		
15	16QAM	36	39	22.54	23.01	22.71	22.72	22.91		
15	16QAM	75	0	22.64	23.00	22.74	22.74	22.98		
15	64QAM	1	0	22.35	22.66	22.54	22.42	22.61	23.5	2
15	64QAM	1	37	22.29	22.72	22.51	22.50	22.66		
15	64QAM	1	74	22.30	22.80	22.51	22.43	22.73		
15	64QAM	36	0	21.56	22.00	21.76	21.73	21.95	22.5	3
15	64QAM	36	20	21.53	21.98	21.72	21.70	21.99		
15	64QAM	36	39	21.59	22.00	21.74	21.71	21.94		
15	64QAM	75	0	21.58	21.96	21.73	21.70	21.96		
15	256QAM	1	0	19.49	19.43	19.94	19.45	19.44	20.5	5
15	256QAM	1	37	19.51	19.76	19.46	19.73	19.77		
15	256QAM	1	74	19.88	19.50	19.61	19.62	19.51		
15	256QAM	36	0	19.42	19.63	19.44	19.52	19.58	20.5	5
15	256QAM	36	20	19.73	19.44	19.93	19.64	19.83		
15	256QAM	36	39	19.79	19.83	19.89	19.55	19.88		
15	256QAM	75	0	19.62	19.63	19.90	19.61	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.51	24.96	24.78	24.89	24.91	25.50	0
10	QPSK	1	25	24.45	25.11	24.88	24.73	25.07		
10	QPSK	1	49	24.67	25.10	24.82	24.93	24.91		
10	QPSK	25	0	23.49	23.85	23.75	23.79	24.00	24.5	1
10	QPSK	25	12	23.55	23.96	23.96	23.68	23.87		
10	QPSK	25	25	23.57	24.02	23.82	23.82	23.97		
10	QPSK	50	0	23.62	24.05	23.78	23.83	23.87		
10	16QAM	1	0	23.71	24.01	23.92	23.80	23.96	24.5	1
10	16QAM	1	25	23.59	24.00	23.73	23.80	24.05		
10	16QAM	1	49	23.55	24.11	23.70	23.63	23.95		
10	16QAM	25	0	22.41	22.82	22.84	22.79	22.98	23.5	2
10	16QAM	25	12	22.44	22.91	22.71	22.78	23.01		
10	16QAM	25	25	22.58	23.05	22.78	22.69	22.82		
10	16QAM	50	0	22.71	22.98	22.68	22.68	22.93		
10	64QAM	1	0	22.39	22.67	22.45	22.52	22.57	23.5	2
10	64QAM	1	25	22.34	22.75	22.44	22.45	22.72		
10	64QAM	1	49	22.36	22.83	22.46	22.37	22.68		

Band 41_Ant 3

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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.13	16.29	16.51	16.43	16.49	16.7	0
20	QPSK	1	49	16.14	16.40	16.57	16.35	16.48		
20	QPSK	1	99	16.21	16.69	16.64	16.51	16.57		
20	QPSK	50	0	16.18	16.68	16.67	16.47	16.54	16.7	0
20	QPSK	50	24	16.13	16.30	16.60	16.43	16.46		
20	QPSK	50	50	16.02	16.30	16.46	16.40	16.43		
20	QPSK	100	0	16.06	16.52	16.50	16.41	16.51		
20	16QAM	1	0	16.16	16.31	16.38	16.41	16.56	16.7	0
20	16QAM	1	49	16.02	16.43	16.30	16.47	16.50		
20	16QAM	1	99	16.19	16.57	16.27	16.47	16.43		
20	16QAM	50	0	16.09	16.43	16.36	16.40	16.54	16.7	0
20	16QAM	50	24	16.13	16.52	16.35	16.44	16.53		
20	16QAM	50	50	16.15	16.40	16.38	16.47	16.48		
20	16QAM	100	0	16.10	16.44	16.42	16.43	16.47		
20	64QAM	1	0	16.16	16.05	16.02	16.20	16.16	16.7	0
20	64QAM	1	49	16.14	16.13	16.20	16.09	16.19		
20	64QAM	1	99	16.12	16.19	16.11	16.16	16.22		
20	64QAM	50	0	16.05	16.47	16.26	16.40	16.53	16.7	0
20	64QAM	50	24	16.12	16.42	16.36	16.35	16.52		
20	64QAM	50	50	16.14	16.49	16.45	16.49	16.44		
20	64QAM	100	0	16.12	16.33	16.37	16.39	16.52		
20	256QAM	1	0	16.28	16.13	16.19	16.27	16.09	16.7	0
20	256QAM	1	49	16.38	16.13	16.09	16.19	16.14		
20	256QAM	1	99	16.16	16.18	16.24	16.29	16.32		
20	256QAM	50	0	16.20	16.18	16.43	16.03	16.39	16.7	0
20	256QAM	50	24	16.27	16.20	16.31	16.17	16.29		
20	256QAM	50	50	16.12	16.14	16.15	16.27	16.22		
20	256QAM	100	0	16.07	16.19	16.15	16.33	16.27		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.09	16.21	16.49	16.35	16.40	16.70	0
15	QPSK	1	37	16.09	16.32	16.56	16.34	16.38		
15	QPSK	1	74	16.07	16.62	16.58	16.50	16.50		
15	QPSK	36	0	16.07	16.60	16.67	16.37	16.51	16.7	0
15	QPSK	36	20	16.06	16.20	16.51	16.40	16.42		
15	QPSK	36	39	16.02	16.24	16.41	16.39	16.35		
15	QPSK	75	0	15.95	16.49	16.48	16.32	16.40		
15	16QAM	1	0	16.11	16.26	16.36	16.33	16.46	16.7	0
15	16QAM	1	37	16.01	16.38	16.24	16.46	16.49		
15	16QAM	1	74	16.18	16.47	16.26	16.43	16.35		
15	16QAM	36	0	16.09	16.37	16.29	16.35	16.44	16.7	0
15	16QAM	36	20	16.07	16.47	16.31	16.34	16.49		
15	16QAM	36	39	16.10	16.33	16.32	16.41	16.38		
15	16QAM	75	0	16.04	16.37	16.31	16.43	16.38		
15	64QAM	1	0	16.14	16.04	16.00	16.19	16.07	16.7	0
15	64QAM	1	37	16.13	16.11	16.17	16.03	16.12		
15	64QAM	1	74	16.02	16.12	16.00	16.11	16.19		
15	64QAM	36	0	15.97	16.41	16.25	16.29	16.47	16.7	0
15	64QAM	36	20	16.03	16.32	16.34	16.24	16.41		
15	64QAM	36	39	16.14	16.47	16.44	16.47	16.44		
15	64QAM	75	0	16.10	16.22	16.30	16.30	16.45		
15	256QAM	1	0	16.17	16.12	16.14	16.26	16.02	16.7	0
15	256QAM	1	37	16.34	16.11	16.06	16.09	16.04		
15	256QAM	1	74	16.05	16.12	16.22	16.28	16.31		
15	256QAM	36	0	16.12	16.09	16.36	15.99	16.33	16.7	0
15	256QAM	36	20	16.27	16.09	16.25	16.08	16.21		
15	256QAM	36	39	16.08	16.04	16.10	16.21	16.19		
15	256QAM	75	0	16.07	16.09	16.05	16.22	16.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.09	16.25	16.50	16.37	16.39	16.70	0
10	QPSK	1	25	16.14	16.37	16.50	16.24	16.37		
10	QPSK	1	49	16.06	16.61	16.62	16.44	16.55		
10	QPSK	25	0	16.02	16.65	16.56	16.44	16.46	16.7	0
10	QPSK	25	12	16.11	16.30	16.56	16.32	16.37		
10	QPSK	25	25	15.91	16.20	16.37	16.33	16.41		
10	QPSK	50	0	16.04	16.51	16.48	16.38	16.51		
10	16QAM	1	0	16.14	16.31	16.27	16.37	16.56	16.7	0
10	16QAM	1	25	16.00	16.37	16.28	16.46	16.48		
10	16QAM	1	49	16.13	16.48	16.17	16.40	16.41		
10	16QAM	25	0	15.99	16.37	16.28	16.34	16.50	16.7	0
10	16QAM	25	12	16.07	16.50	16.25	16.36	16.49		
10	16QAM	25	25	16.15	16.40	16.37	16.45	16.47		
10	16QAM	50	0	16.05	16.39	16.42	16.42	16.38		
10	64QAM	1	0	16.09	15.95	16.01	16.15	16.10	16.7	0
10	64QAM	1	25	16.03	16.05	16.17	16.08	16.12		
10	64QAM	1	49	16.03	16.08	16.00	16.10	16.21		
10	64QAM	25	0	15.94	16.44	16.25	16.39	16.46	16.7	0
10	64QAM	25	12	16.02	16.33	16.33	16.28	16.50		
10	64QAM	25	25	16.08	16.45	16.42	16.48	16.40		
10	64QAM	50	0	16.02	16.29	16.34	16.30	16.43		
10	256QAM	1	0	16.22	16.12	16.12	16.18	16.02	16.7	0
10	256QAM	1	25	16.33	16.11	16.00	16.08	16.06		
10	256QAM	1	49	16.11	16.10	16.17	16.28	16.32		
10	256QAM	25	0	16.14	16.14	16.35	15.99	16.34	16.7	0
10	256QAM	25	12	16.21	16.16	16.29	16.12	16.28		
10	256QAM	25	25	16.04	16.04	16.08	16.20	16.14		
10	256QAM	50	0	15.99	16.09	16.05	16.27	16.23		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.12	16.26	16.48	16.37	16.39	16.70	0
5	QPSK	1	12	16.03	16.36	16.48	16.24	16.40		
5	QPSK	1	24	16.04	16.64	16.54	16.50	16.55		
5	QPSK	12	0	16.12	16.61	16.56	16.45	16.53	16.7	0
5	QPSK	12	7	16.07	16.23	16.50	16.35	16.42		
5	QPSK	12	13	16.01	16.22	16.46	16.39	16.38		
5	QPSK	25	0	15.99	16.44	16.47	16.35	16.46		
5	16QAM	1	0	16.15	16.27	16.29	16.38	16.55	16.7	0
5	16QAM	1	12	15.98	16.41	16.28	16.41	16.43		
5	16QAM	1	24	16.11	16.50	16.16	16.44	16.41		
5	16QAM	12	0	16.01	16.36	16.26	16.31	16.52	16.7	0
5	16QAM	12	7	16.03	16.43	16.33	16.37	16.47		
5	16QAM	12	13	16.12	16.32	16.33	16.41	16.39		
5	16QAM	25	0	16.07	16.38	16.40	16.34	16.44		
5	64QAM	1	0	16.08	15.94	16.01	16.15	16.07	16.7	0
5	64QAM	1	12	16.06	16.07	16.10	16.01	16.15		
5	64QAM	1	24	16.06	16.12	16.05	16.08	16.20		
5	64QAM	12	0	15.97	16.46	16.20	16.40	16.46	16.7	0
5	64QAM	12	7	16.04	16.41	16.30	16.35	16.49		
5	64QAM	12	13	16.04	16.39	16.43	16.47	16.39		
5	64QAM	25	0	16.03	16.22	16.28	16.30	16.46		
5	256QAM	1	0	16.21	16.11	16.10	16.23	16.02	16.7	0
5	256QAM	1	12	16.29	16.04	16.02	16.08	16.03		
5	256QAM	1	24	16.07	16.07	16.21	16.21	16.26		
5	256QAM	12	0	16.10	16.18	16.41	16.01	16.31	16.7	0
5	256QAM	12	7	16.24	16.16	16.31	16.07	16.25		
5	256QAM	12	13	16.08	16.14	16.05	16.16	16.19		
5	256QAM	25	0	16.04	16.15	16.04	16.25	16.27		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	13.04	13.07	13.35	13.29	13.08	14	0
20	QPSK	1	49	13.16	13.29	13.38	13.26	13.09		
20	QPSK	1	99	13.36	13.74	13.42	13.30	13.25		
20	QPSK	50	0	13.35	13.58	13.41	13.28	13.24	14	0
20	QPSK	50	24	13.12	13.33	13.39	13.25	13.22		
20	QPSK	50	50	13.29	13.46	13.35	13.26	13.21		
20	QPSK	100	0	13.15	13.51	13.46	13.41	13.24		
20	16QAM	1	0	13.31	13.13	13.60	13.55	13.38	14	0
20	16QAM	1	49	13.42	13.60	13.72	13.58	13.35		
20	16QAM	1	99	13.49	13.70	13.61	13.55	13.36		
20	16QAM	50	0	13.17	13.28	13.46	13.44	13.18	14	0
20	16QAM	50	24	13.26	13.36	13.52	13.45	13.28		
20	16QAM	50	50	13.34	13.39	13.53	13.48	13.24		
20	16QAM	100	0	13.24	13.32	13.51	13.45	13.15		
20	64QAM	1	0	13.19	13.21	13.49	13.39	13.09	14	0
20	64QAM	1	49	13.24	13.43	13.51	13.40	13.18		
20	64QAM	1	99	13.35	13.51	13.49	13.45	13.18		
20	64QAM	50	0	13.11	13.22	13.50	13.46	13.25	14	0
20	64QAM	50	24	13.23	13.26	13.45	13.44	13.21		
20	64QAM	50	50	13.32	13.44	13.47	13.44	13.28		
20	64QAM	100	0	13.21	13.27	13.44	13.39	13.23		
20	256QAM	1	0	13.03	13.15	13.42	13.26	12.96	14	0
20	256QAM	1	49	13.05	13.35	13.33	13.35	13.09		
20	256QAM	1	99	13.30	13.45	13.41	13.33	13.13		
20	256QAM	50	0	13.06	13.05	13.40	13.28	13.05	14	0
20	256QAM	50	24	13.16	13.07	13.30	13.24	13.13		
20	256QAM	50	50	13.15	13.37	13.36	13.38	13.14		
20	256QAM	100	0	13.08	13.13	13.39	13.25	13.04		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	13.02	13.05	13.30	13.28	13.03	14.00	0
15	QPSK	1	37	13.10	13.19	13.31	13.23	13.01		
15	QPSK	1	74	13.20	13.73	13.31	13.24	13.05		
15	QPSK	36	0	13.03	13.53	13.45	13.41	13.24	14	0
15	QPSK	36	20	13.10	13.28	13.42	13.29	13.21		
15	QPSK	36	39	13.26	13.37	13.49	13.39	13.24		
15	QPSK	75	0	13.04	13.44	13.37	13.38	13.21		
15	16QAM	1	0	13.22	13.04	13.58	13.52	13.36	14	0
15	16QAM	1	37	13.38	13.60	13.61	13.53	13.35		
15	16QAM	1	74	13.47	13.63	13.52	13.46	13.26		
15	16QAM	36	0	13.10	13.26	13.40	13.37	13.08	14	0
15	16QAM	36	20	13.17	13.33	13.43	13.38	13.21		
15	16QAM	36	39	13.33	13.30	13.45	13.47	13.14		
15	16QAM	75	0	13.18	13.30	13.48	13.45	13.09		
15	64QAM	1	0	13.13	13.21	13.44	13.33	13.03	14	0
15	64QAM	1	37	13.24	13.35	13.42	13.30	13.08		
15	64QAM	1	74	13.27	13.49	13.43	13.39	13.07		
15	64QAM	36	0	13.02	13.21	13.46	13.38	13.20	14	0
15	64QAM	36	20	13.18	13.16	13.35	13.36	13.19		
15	64QAM	36	39	13.30	13.35	13.37	13.41	13.24		
15	64QAM	75	0	13.10	13.17	13.44	13.36	13.17	14	0
15	256QAM	1	0	13.00	13.06	13.41	13.26	12.94		
15	256QAM	1	37	13.03	13.30	13.33	13.29	13.00		
15	256QAM	1	74	13.19	13.42	13.37	13.27	13.03	14	0
15	256QAM	36	0	13.02	12.99	13.35	13.26	13.01		
15	256QAM	36	20	13.05	12.98	13.30	13.15	13.05		
15	256QAM	36	39	13.10	13.26	13.25	13.30	13.13		
15	256QAM	75	0	13.04	13.10	13.30	13.21	13.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	13.05	13.11	13.40	13.31	13.05	14.00	0
10	QPSK	1	25	13.07	13.19	13.37	13.27	13.10		
10	QPSK	1	49	13.02	13.27	13.42	13.30	13.04		
10	QPSK	25	0	13.13	13.24	13.39	13.36	13.16	14	0
10	QPSK	25	12	13.15	13.25	13.44	13.35	13.21		
10	QPSK	25	25	13.16	13.28	13.43	13.43	13.24		
10	QPSK	50	0	13.16	13.21	13.44	13.45	13.22		
10	16QAM	1	0	13.33	13.44	13.65	13.57	13.33	14	0
10	16QAM	1	25	13.36	13.51	13.65	13.69	13.36		
10	16QAM	1	49	13.39	13.59	13.67	13.68	13.33		
10	16QAM	25	0	13.15	13.30	13.43	13.46	13.21	14	0
10	16QAM	25	12	13.21	13.31	13.53	13.48	13.23		
10	16QAM	25	25	13.14	13.33	13.48	13.49	13.29		
10	16QAM	50	0	13.11	13.27	13.45	13.41	13.18		
10	64QAM	1	0	13.13	13.23	13.48	13.47	13.22	14	0
10	64QAM	1	25	13.19	13.30	13.51	13.48	13.20		
10	64QAM	1	49	13.24	13.40	13.53	13.46	13.13		
10	64QAM	25	0	13.28	13.26	13.52	13.41	13.25	14	0
10	64QAM	25	12	13.11	13.26	13.54	13.45	13.29		
10	64QAM	25	25	13.20	13.27	13.48	13.47	13.24		
10	64QAM	50	0	13.00	13.28	13.43	13.34	13.16	14	0
10	256QAM	1	0	13.02	13.06	13.40	13.19	12.89		
10	256QAM	1	25	13.12	13.33	13.38	13.22	13.11		
10	256QAM	1	49	13.23	13.43	13.33	13.35	13.05		
10	256QAM	25	0	13.06	13.15	13.32	13.34	13.17	14	0
10	256QAM	25	12	13.09	13.18	13.38	13.35	13.08		
10	256QAM	25	25	13.05	13.31	13.37	13.37	13.21		
10	256QAM	50	0	13.11	13.15	13.33	13.19	13.08		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	13.01	13.15	13.41	13.31	13.14	14.00	0
5	QPSK	1	12	13.07	13.15	13.37	13.19	13.20		
5	QPSK	1	24	13.12	13.27	13.36	13.37	12.98		
5	QPSK	12	0	13.06	13.23	13.47	13.42	13.09	14	0
5	QPSK	12	7	13.07	13.18	13.42	13.28	13.29		
5	QPSK	12	13	13.07	13.21	13.43	13.53	13.23		
5	QPSK	25	0	13.16	13.25	13.37	13.53	13.20		
5	16QAM	1	0	13.29	13.41	13.63	13.53	13.39	14	0
5	16QAM	1	12	13.32	13.57	13.69	13.66	13.44		
5	16QAM	1	24	13.37	13.60	13.68	13.60	13.34		
5	16QAM	12	0	13.13	13.19	13.48	13.52	13.18	14	0
5	16QAM	12	7	13.15	13.25	13.40	13.57	13.13		
5	16QAM	12	13	13.17	13.20	13.38	13.45	13.29		
5	16QAM	25	0	13.21	13.28	13.48	13.42	13.23		
5	64QAM	1	0	13.21	13.32	13.58	13.54	13.30	14	0
5	64QAM	1	12	13.19	13.21	13.55	13.55	13.22		
5	64QAM	1	24	13.25	13.38	13.56	13.41	13.18		
5	64QAM	12	0	13.05	13.17	13.43	13.50	13.20	14	0
5	64QAM	12	7	13.13	13.26	13.45	13.55	13.26		
5	64QAM	12	13	13.12	13.25	13.37	13.42	13.28		
5	64QAM	25	0	13.21	13.33	13.61	13.26	13.19		
5	256QAM	1	0	13.00	13.10	13.31	13.25	13.02	14	0
5	256QAM	1	12	13.06	13.34	13.41	13.32	13.13		
5	256QAM	1	24	13.19	13.40	13.40	13.28	13.00		
5	256QAM	12	0	13.00	13.10	13.37	13.36	13.06	14	0
5	256QAM	12	7	13.03	13.09	13.27	13.24	13.05		
5	256QAM	12	13	13.23	13.27	13.35	13.29	13.22		
5	256QAM	25	0	13.05	13.21	13.24	13.21	13.10		

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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)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.95	21.74	21.78	22.5	0
20	QPSK	1	49	21.79	21.72	21.69		
20	QPSK	1	99	21.80	21.66	21.59		
20	QPSK	50	0	21.89	21.79	21.78	22.5	0
20	QPSK	50	24	21.84	21.78	21.76		
20	QPSK	50	50	21.81	21.65	21.73		
20	QPSK	100	0	21.82	21.72	21.72		
20	16QAM	1	0	21.72	21.73	21.74	22.5	0
20	16QAM	1	49	21.69	21.66	21.68		
20	16QAM	1	99	21.72	21.58	21.63		
20	16QAM	50	0	21.73	21.64	21.66	22.5	0
20	16QAM	50	24	21.74	21.63	21.60		
20	16QAM	50	50	21.75	21.55	21.60		
20	16QAM	100	0	21.68	21.58	21.58		
20	64QAM	1	0	21.79	21.79	21.74	22.5	0
20	64QAM	1	49	21.79	21.78	21.71		
20	64QAM	1	99	21.79	21.63	21.72		
20	64QAM	50	0	20.75	20.63	20.67	21.5	1
20	64QAM	50	24	20.67	20.61	20.64		
20	64QAM	50	50	20.73	20.50	20.59		
20	64QAM	100	0	20.69	20.59	20.58		
20	256QAM	1	0	18.91	18.93	18.80	19.5	3
20	256QAM	1	49	18.98	19.02	18.86		
20	256QAM	1	99	18.98	18.76	18.96		
20	256QAM	50	0	17.91	17.88	17.80	19.5	3
20	256QAM	50	24	17.89	17.78	17.74		
20	256QAM	50	50	17.92	17.75	17.69		
20	256QAM	100	0	17.80	17.70	17.63		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.90	21.74	21.76	22.5	0
15	QPSK	1	37	21.78	21.66	21.64		
15	QPSK	1	74	21.74	21.61	21.52		
15	QPSK	36	0	21.83	21.78	21.75	22.5	0
15	QPSK	36	20	21.77	21.71	21.69		
15	QPSK	36	39	21.81	21.57	21.69		
15	QPSK	75	0	21.82	21.71	21.68		
15	16QAM	1	0	21.68	21.72	21.66	22.5	0
15	16QAM	1	37	21.62	21.59	21.60		
15	16QAM	1	74	21.66	21.50	21.59		
15	16QAM	36	0	21.72	21.63	21.58	22.5	0
15	16QAM	36	20	21.73	21.57	21.52		
15	16QAM	36	39	21.74	21.54	21.52		
15	16QAM	75	0	21.68	21.50	21.51		
15	64QAM	1	0	21.78	21.77	21.69	22.5	0
15	64QAM	1	37	21.77	21.71	21.65		
15	64QAM	1	74	21.73	21.58	21.70		
15	64QAM	36	0	20.68	20.56	20.60	21.5	1
15	64QAM	36	20	20.66	20.54	20.64		
15	64QAM	36	39	20.68	20.50	20.55		
15	64QAM	75	0	20.61	20.51	20.56		
15	256QAM	1	0	18.90	18.89	18.73	19.5	3
15	256QAM	1	37	18.92	19.00	18.81		
15	256QAM	1	74	18.93	18.70	18.90		
15	256QAM	36	0	17.89	17.88	17.76	19.5	3
15	256QAM	36	20	17.88	17.78	17.67		
15	256QAM	36	39	17.88	17.73	17.61		
15	256QAM	75	0	17.76	17.69	17.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.93	21.66	21.71	22.5	0
10	QPSK	1	25	21.76	21.66	21.66		
10	QPSK	1	49	21.74	21.66	21.55		
10	QPSK	25	0	21.83	21.79	21.72	22.5	0
10	QPSK	25	12	21.83	21.71	21.68		
10	QPSK	25	25	21.73	21.58	21.72		
10	QPSK	50	0	21.80	21.69	21.67		
10	16QAM	1	0	21.67	21.68	21.68	22.5	0
10	16QAM	1	25	21.68	21.58	21.60		
10	16QAM	1	49	21.72	21.51	21.56		
10	16QAM	25	0	21.66	21.60	21.59	22.5	0
10	16QAM	25	12	21.71	21.62	21.59		
10	16QAM	25	25	21.73	21.50	21.59		
10	16QAM	50	0	21.63	21.55	21.57		
10	64QAM	1	0	21.78	21.79	21.73	22.5	0
10	64QAM	1	25	21.74	21.78	21.65		
10	64QAM	1	49	21.77	21.59	21.69		
10	64QAM	25	0	20.70	20.58	20.60	21.5	1
10	64QAM	25	12	20.60	20.53	20.61		
10	64QAM	25	25	20.72	20.47	20.53		
10	64QAM	50	0	20.69	20.53	20.52		
10	256QAM	1	0	18.84	18.93	18.80	19.5	3
10	256QAM	1	25	18.91	18.99	18.78		
10	256QAM	1	49	18.92	18.72	18.88		
10	256QAM	25	0	17.83	17.82	17.76	19.5	3
10	256QAM	25	12	17.86	17.76	17.67		
10	256QAM	25	25	17.90	17.72	17.64		
10	256QAM	50	0	17.76	17.67	17.59		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.87	21.72	21.76	22.5	0
5	QPSK	1	12	21.72	21.66	21.68		
5	QPSK	1	24	21.79	21.59	21.58		
5	QPSK	12	0	21.89	21.76	21.73	22.5	0
5	QPSK	12	7	21.82	21.72	21.75		
5	QPSK	12	13	21.81	21.62	21.70		
5	QPSK	25	0	21.74	21.71	21.72		
5	16QAM	1	0	21.68	21.68	21.69	22.5	0
5	16QAM	1	12	21.68	21.58	21.68		
5	16QAM	1	24	21.70	21.50	21.56		
5	16QAM	12	0	21.68	21.64	21.66	22.5	0
5	16QAM	12	7	21.71	21.62	21.55		
5	16QAM	12	13	21.73	21.52	21.58		
5	16QAM	25	0	21.61	21.55	21.52		
5	64QAM	1	0	21.79	21.79	21.70	22.5	0
5	64QAM	1	12	21.78	21.72	21.64		
5	64QAM	1	24	21.76	21.57	21.70		
5	64QAM	12	0	20.68	20.60	20.61	21.5	1
5	64QAM	12	7	20.66	20.60	20.64		
5	64QAM	12	13	20.65	20.43	20.55		
5	64QAM	25	0	20.69	20.58	20.57		
5	256QAM	1	0	18.88	18.88	18.78	19.5	3
5	256QAM	1	12	18.97	19.01	18.82		
5	256QAM	1	24	18.94	18.71	18.91		
5	256QAM	12	0	17.88	17.83	17.80	19.5	3
5	256QAM	12	7	17.83	17.77	17.66		
5	256QAM	12	13	17.87	17.69	17.62		
5	256QAM	25	0	17.75	17.65	17.63		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.95	21.70	21.70	22.5	0
3	QPSK	1	8	21.74	21.66	21.66		
3	QPSK	1	14	21.79	21.65	21.51		
3	QPSK	8	0	21.89	21.73	21.71	22.5	0
3	QPSK	8	4	21.84	21.77	21.69		
3	QPSK	8	7	21.75	21.63	21.73		
3	QPSK	15	0	21.79	21.66	21.67		
3	16QAM	1	0	21.65	21.69	21.74	22.5	0
3	16QAM	1	8	21.65	21.58	21.65		
3	16QAM	1	14	21.72	21.52	21.57		
3	16QAM	8	0	21.67	21.58	21.58	22.5	0
3	16QAM	8	4	21.73	21.63	21.59		
3	16QAM	8	7	21.68	21.53	21.57		
3	16QAM	15	0	21.66	21.54	21.55		
3	64QAM	1	0	21.73	21.73	21.74	22.5	0
3	64QAM	1	8	21.79	21.75	21.66		
3	64QAM	1	14	21.72	21.58	21.64		
3	64QAM	8	0	20.69	20.61	20.63	21.5	1
3	64QAM	8	4	20.60	20.53	20.62		
3	64QAM	8	7	20.72	20.42	20.52		
3	64QAM	15	0	20.61	20.59	20.55		
3	256QAM	1	0	18.91	18.92	18.74	19.5	3
3	256QAM	1	8	18.92	19.00	18.85		
3	256QAM	1	14	18.95	18.69	18.96		
3	256QAM	8	0	17.83	17.85	17.78	19.5	3
3	256QAM	8	4	17.81	17.72	17.67		
3	256QAM	8	7	17.84	17.68	17.69		
3	256QAM	15	0	17.74	17.66	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.87	21.69	21.78	22.5	0
1.4	QPSK	1	3	21.72	21.71	21.62		
1.4	QPSK	1	5	21.77	21.63	21.59		
1.4	QPSK	3	0	21.87	21.71	21.74		
1.4	QPSK	3	1	21.78	21.76	21.72		
1.4	QPSK	3	3	21.76	21.60	21.72		
1.4	QPSK	6	0	21.80	21.65	21.68	22.5	0
1.4	16QAM	1	0	21.70	21.67	21.73	22.5	0
1.4	16QAM	1	3	21.64	21.61	21.61		
1.4	16QAM	1	5	21.64	21.52	21.61		
1.4	16QAM	3	0	21.67	21.58	21.60		
1.4	16QAM	3	1	21.74	21.62	21.58		
1.4	16QAM	3	3	21.74	21.48	21.55		
1.4	16QAM	6	0	21.60	21.57	21.57	22.5	0
1.4	64QAM	1	0	21.76	21.74	21.70	22.5	0
1.4	64QAM	1	3	21.72	21.76	21.65		
1.4	64QAM	1	5	21.79	21.63	21.68		
1.4	64QAM	3	0	20.69	20.57	20.63		
1.4	64QAM	3	1	20.61	20.61	20.61		
1.4	64QAM	3	3	20.67	20.54	20.51		
1.4	64QAM	6	0	20.66	20.53	20.57	21.5	1
1.4	256QAM	1	0	18.88	18.89	18.76	19.5	3
1.4	256QAM	1	3	18.98	18.95	18.86		
1.4	256QAM	1	5	18.94	18.68	18.93		
1.4	256QAM	3	0	17.86	17.84	17.80		
1.4	256QAM	3	1	17.89	17.72	17.72		
1.4	256QAM	3	3	17.92	17.68	17.67		
1.4	256QAM	6	0	17.80	17.65	17.63	19.5	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)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.70	21.39	21.44	22.5	0
20	QPSK	1	49	21.56	21.32	21.36		
20	QPSK	1	99	21.33	21.14	21.17		
20	QPSK	50	0	21.49	21.39	21.46	22.5	0
20	QPSK	50	24	21.41	21.35	21.41		
20	QPSK	50	50	21.47	21.15	21.36		
20	QPSK	100	0	21.45	21.36	21.38		
20	16QAM	1	0	21.55	21.68	21.40	22.5	0
20	16QAM	1	49	21.31	21.26	21.21		
20	16QAM	1	99	21.53	21.44	21.30		
20	16QAM	50	0	21.46	21.35	21.47	22.5	0
20	16QAM	50	24	21.44	21.34	21.41		
20	16QAM	50	50	21.52	21.16	21.43		
20	16QAM	100	0	21.42	21.35	21.33		
20	64QAM	1	0	21.52	21.59	21.18	22.5	0
20	64QAM	1	49	21.41	21.68	21.35		
20	64QAM	1	99	21.69	21.24	21.29		
20	64QAM	50	0	20.93	20.84	21.00	22	0.5
20	64QAM	50	24	20.90	20.86	20.88		
20	64QAM	50	50	20.89	20.76	20.95		
20	64QAM	100	0	20.88	20.84	20.89		
20	256QAM	1	0	18.92	18.87	19.00	20	2.5
20	256QAM	1	49	18.88	18.83	18.92		
20	256QAM	1	99	18.99	18.90	18.91		
20	256QAM	50	0	18.90	18.72	18.78	20	2.5
20	256QAM	50	24	18.82	18.76	18.80		
20	256QAM	50	50	18.85	18.80	18.82		
20	256QAM	100	0	18.86	18.74	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.66	21.33	21.41	22.5	0
15	QPSK	1	37	21.53	21.24	21.36		
15	QPSK	1	74	21.25	21.13	21.13		
15	QPSK	36	0	21.44	21.35	21.44	22.5	0
15	QPSK	36	20	21.34	21.35	21.41		
15	QPSK	36	39	21.40	21.10	21.34		
15	QPSK	75	0	21.41	21.30	21.38		
15	16QAM	1	0	21.48	21.66	21.39	22.5	0
15	16QAM	1	37	21.30	21.24	21.18		
15	16QAM	1	74	21.51	21.38	21.22		
15	16QAM	36	0	21.42	21.32	21.43	22.5	0
15	16QAM	36	20	21.38	21.34	21.34		
15	16QAM	36	39	21.47	21.16	21.38		
15	16QAM	75	0	21.35	21.29	21.31		
15	64QAM	1	0	21.51	21.54	21.17	22.5	0
15	64QAM	1	37	21.33	21.67	21.28		
15	64QAM	1	74	21.67	21.16	21.27		
15	64QAM	36	0	20.88	20.78	21.00	22	0.5
15	64QAM	36	20	20.83	20.78	20.81		
15	64QAM	36	39	20.87	20.74	20.91		
15	64QAM	75	0	20.86	20.83	20.85		
15	256QAM	1	0	18.86	18.82	19.00	20	2.5
15	256QAM	1	37	18.81	18.79	18.85		
15	256QAM	1	74	18.93	18.87	18.83		
15	256QAM	36	0	18.89	18.70	18.70	20	2.5
15	256QAM	36	20	18.74	18.74	18.75		
15	256QAM	36	39	18.84	18.79	18.77		
15	256QAM	75	0	18.81	18.74	18.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.70	21.33	21.42	22.5	0
10	QPSK	1	25	21.54	21.24	21.36		
10	QPSK	1	49	21.26	21.14	21.12		
10	QPSK	25	0	21.49	21.33	21.39	22.5	0
10	QPSK	25	12	21.40	21.31	21.35		
10	QPSK	25	25	21.44	21.09	21.28		
10	QPSK	50	0	21.44	21.31	21.33		
10	16QAM	1	0	21.47	21.60	21.33	22.5	0
10	16QAM	1	25	21.29	21.25	21.15		
10	16QAM	1	49	21.48	21.37	21.24		
10	16QAM	25	0	21.41	21.34	21.47	22.5	0
10	16QAM	25	12	21.43	21.34	21.33		
10	16QAM	25	25	21.48	21.13	21.37		
10	16QAM	50	0	21.37	21.31	21.33		
10	64QAM	1	0	21.46	21.56	21.11	22.5	0
10	64QAM	1	25	21.38	21.68	21.29		
10	64QAM	1	49	21.64	21.21	21.22		
10	64QAM	25	0	20.85	20.76	20.92	22	0.5
10	64QAM	25	12	20.90	20.86	20.83		
10	64QAM	25	25	20.83	20.69	20.90		
10	64QAM	50	0	20.80	20.76	20.88		
10	256QAM	1	0	18.89	18.80	18.93	20	2.5
10	256QAM	1	25	18.80	18.83	18.86		
10	256QAM	1	49	18.92	18.86	18.89		
10	256QAM	25	0	18.90	18.72	18.73	20	2.5
10	256QAM	25	12	18.75	18.72	18.79		
10	256QAM	25	25	18.83	18.80	18.79		
10	256QAM	50	0	18.79	18.68	18.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.68	21.34	21.36	22.5	0
5	QPSK	1	12	21.56	21.28	21.35		
5	QPSK	1	24	21.28	21.14	21.11		
5	QPSK	12	0	21.43	21.32	21.41	22.5	0
5	QPSK	12	7	21.36	21.35	21.37		
5	QPSK	12	13	21.39	21.15	21.28		
5	QPSK	25	0	21.39	21.29	21.33		
5	16QAM	1	0	21.51	21.64	21.37	22.5	0
5	16QAM	1	12	21.26	21.18	21.13		
5	16QAM	1	24	21.47	21.43	21.23		
5	16QAM	12	0	21.41	21.32	21.43	22.5	0
5	16QAM	12	7	21.41	21.29	21.36		
5	16QAM	12	13	21.45	21.10	21.43		
5	16QAM	25	0	21.40	21.30	21.28		
5	64QAM	1	0	21.51	21.58	21.14	22.5	0
5	64QAM	1	12	21.38	21.66	21.32		
5	64QAM	1	24	21.64	21.18	21.27		
5	64QAM	12	0	20.91	20.83	20.98	22	0.5
5	64QAM	12	7	20.83	20.83	20.81		
5	64QAM	12	13	20.89	20.75	20.90		
5	64QAM	25	0	20.83	20.76	20.88		
5	256QAM	1	0	18.92	18.86	18.93	20	2.5
5	256QAM	1	12	18.82	18.75	18.91		
5	256QAM	1	24	18.99	18.83	18.87		
5	256QAM	12	0	18.89	18.72	18.70	20	2.5
5	256QAM	12	7	18.74	18.76	18.72		
5	256QAM	12	13	18.84	18.74	18.81		
5	256QAM	25	0	18.78	18.72	18.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.64	21.39	21.39	22.5	0
3	QPSK	1	8	21.56	21.31	21.32		
3	QPSK	1	14	21.29	21.08	21.12		
3	QPSK	8	0	21.44	21.38	21.41	22.5	0
3	QPSK	8	4	21.33	21.31	21.39		
3	QPSK	8	7	21.47	21.08	21.28		
3	QPSK	15	0	21.43	21.32	21.35		
3	16QAM	1	0	21.54	21.68	21.37	22.5	0
3	16QAM	1	8	21.31	21.21	21.16		
3	16QAM	1	14	21.45	21.42	21.26		
3	16QAM	8	0	21.39	21.32	21.41	22.5	0
3	16QAM	8	4	21.36	21.33	21.37		
3	16QAM	8	7	21.49	21.10	21.39		
3	16QAM	15	0	21.36	21.31	21.25		
3	64QAM	1	0	21.52	21.56	21.13	22.5	0
3	64QAM	1	8	21.33	21.66	21.28		
3	64QAM	1	14	21.63	21.20	21.27		
3	64QAM	8	0	20.90	20.76	20.97	22	0.5
3	64QAM	8	4	20.88	20.86	20.84		
3	64QAM	8	7	20.85	20.72	20.93		
3	64QAM	15	0	20.81	20.82	20.83		
3	256QAM	1	0	18.88	18.87	18.98	20	2.5
3	256QAM	1	8	18.83	18.78	18.88		
3	256QAM	1	14	18.93	18.90	18.84		
3	256QAM	8	0	18.84	18.67	18.76	20	2.5
3	256QAM	8	4	18.74	18.68	18.73		
3	256QAM	8	7	18.85	18.78	18.82		
3	256QAM	15	0	18.86	18.68	18.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.63	21.34	21.42	22.5	0
1.4	QPSK	1	3	21.49	21.31	21.28		
1.4	QPSK	1	5	21.33	21.08	21.11		
1.4	QPSK	3	0	21.46	21.39	21.44		
1.4	QPSK	3	1	21.39	21.28	21.34		
1.4	QPSK	3	3	21.47	21.13	21.31		
1.4	QPSK	6	0	21.41	21.31	21.31	22.5	0
1.4	16QAM	1	0	21.53	21.61	21.39	22.5	0
1.4	16QAM	1	3	21.27	21.21	21.17		
1.4	16QAM	1	5	21.53	21.39	21.30		
1.4	16QAM	3	0	21.39	21.29	21.44		
1.4	16QAM	3	1	21.42	21.32	21.38		
1.4	16QAM	3	3	21.51	21.12	21.43		
1.4	16QAM	6	0	21.34	21.35	21.32	22.5	0
1.4	64QAM	1	0	21.47	21.53	21.10	22.5	0
1.4	64QAM	1	3	21.33	21.65	21.34		
1.4	64QAM	1	5	21.61	21.17	21.24		
1.4	64QAM	3	0	20.90	20.77	20.97		
1.4	64QAM	3	1	20.89	20.80	20.83		
1.4	64QAM	3	3	20.82	20.69	20.92		
1.4	64QAM	6	0	20.82	20.84	20.81	22	0.5
1.4	256QAM	1	0	18.91	18.86	18.98	20	2.5
1.4	256QAM	1	3	18.87	18.79	18.85		
1.4	256QAM	1	5	18.91	18.84	18.88		
1.4	256QAM	3	0	18.87	18.66	18.70		
1.4	256QAM	3	1	18.81	18.75	18.73		
1.4	256QAM	3	3	18.83	18.78	18.78		
1.4	256QAM	6	0	18.84	18.69	18.75	20	2.5

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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.62	20.86	20.68	21	0
20	QPSK	1	49	20.61	20.60	20.58		
20	QPSK	1	99	20.37	20.60	20.52		
20	QPSK	50	0	20.67	20.76	20.58	21	0
20	QPSK	50	24	20.62	20.67	20.51		
20	QPSK	50	50	20.63	20.68	20.47		
20	QPSK	100	0	20.61	20.74	20.73		
20	16QAM	1	0	20.73	20.59	20.50	21	0
20	16QAM	1	49	20.49	20.79	20.61		
20	16QAM	1	99	20.44	20.75	20.53		
20	16QAM	50	0	20.68	20.58	20.81	21	0
20	16QAM	50	24	20.70	20.63	20.71		
20	16QAM	50	50	20.77	20.64	20.64		
20	16QAM	100	0	20.55	20.72	20.64		
20	64QAM	1	0	20.71	20.69	20.69	21	0
20	64QAM	1	49	20.77	20.65	20.63		
20	64QAM	1	99	20.82	20.84	20.80		
20	64QAM	50	0	19.61	19.66	19.76	21	0
20	64QAM	50	24	19.67	19.72	19.70		
20	64QAM	50	50	19.68	19.69	19.62		
20	64QAM	100	0	19.63	19.73	19.65		
20	256QAM	1	0	18.82	18.60	18.90	20.5	0.5
20	256QAM	1	49	18.80	18.56	18.63		
20	256QAM	1	99	18.72	18.81	18.80		
20	256QAM	50	0	18.58	18.57	18.64	20.5	0.5
20	256QAM	50	24	18.56	18.62	18.50		
20	256QAM	50	50	18.57	18.64	18.67		
20	256QAM	100	0	18.56	18.75	18.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.57	20.82	20.71	21	0
15	QPSK	1	37	20.60	20.65	20.61		
15	QPSK	1	74	20.43	20.61	20.59		
15	QPSK	36	0	20.65	20.75	20.57	21	0
15	QPSK	36	20	20.62	20.67	20.77		
15	QPSK	36	39	20.71	20.68	20.66		
15	QPSK	75	0	20.68	20.71	20.72		
15	16QAM	1	0	20.76	20.65	20.52	21	0
15	16QAM	1	37	20.49	20.77	20.58		
15	16QAM	1	74	20.47	20.68	20.57		
15	16QAM	36	0	20.69	20.55	20.80	21	0
15	16QAM	36	20	20.67	20.65	20.72		
15	16QAM	36	39	20.73	20.61	20.60		
15	16QAM	75	0	20.62	20.69	20.62		
15	64QAM	1	0	20.72	20.67	20.71	21	0
15	64QAM	1	37	20.75	20.66	20.63		
15	64QAM	1	74	20.78	20.79	20.77		
15	64QAM	36	0	19.66	19.62	19.81	21	0
15	64QAM	36	20	19.67	19.68	19.72		
15	64QAM	36	39	19.72	19.68	19.60		
15	64QAM	75	0	19.64	19.77	19.65		
15	256QAM	1	0	18.80	18.53	18.90	20.5	0.5
15	256QAM	1	37	18.83	18.57	18.65		
15	256QAM	1	74	18.74	18.78	18.74		
15	256QAM	36	0	18.54	18.56	18.65	20.5	0.5
15	256QAM	36	20	18.59	18.64	18.50		
15	256QAM	36	39	18.52	18.60	18.67		
15	256QAM	75	0	18.57	18.75	18.65		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.61	20.81	20.67	21	0
10	QPSK	1	25	20.61	20.60	20.63		
10	QPSK	1	49	20.38	20.65	20.58		
10	QPSK	25	0	20.73	20.74	20.59	21	0
10	QPSK	25	12	20.68	20.74	20.76		
10	QPSK	25	25	20.71	20.64	20.66		
10	QPSK	50	0	20.64	20.73	20.70		
10	16QAM	1	0	20.69	20.60	20.53	21	0
10	16QAM	1	25	20.51	20.73	20.55		
10	16QAM	1	49	20.52	20.68	20.58		
10	16QAM	25	0	20.64	20.59	20.86	21	0
10	16QAM	25	12	20.72	20.67	20.77		
10	16QAM	25	25	20.74	20.63	20.65		
10	16QAM	50	0	20.58	20.75	20.60		
10	64QAM	1	0	20.66	20.66	20.67	21	0
10	64QAM	1	25	20.80	20.61	20.66		
10	64QAM	1	49	20.84	20.87	20.79		
10	64QAM	25	0	19.68	19.67	19.82	21	0
10	64QAM	25	12	19.60	19.64	19.69		
10	64QAM	25	25	19.66	19.66	19.67		
10	64QAM	50	0	19.63	19.69	19.70		
10	256QAM	1	0	18.86	18.60	18.93	20.5	0.5
10	256QAM	1	25	18.65	18.50	18.55		
10	256QAM	1	49	18.70	18.83	18.82		
10	256QAM	25	0	18.53	18.55	18.72	20.5	0.5
10	256QAM	25	12	18.61	18.68	18.51		
10	256QAM	25	25	18.52	18.60	18.63		
10	256QAM	50	0	18.57	18.77	18.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.62	20.85	20.73	21	0
5	QPSK	1	12	20.62	20.65	20.64		
5	QPSK	1	24	20.36	20.64	20.54		
5	QPSK	12	0	20.70	20.78	20.62	21	0
5	QPSK	12	7	20.68	20.71	20.70		
5	QPSK	12	13	20.73	20.69	20.68		
5	QPSK	25	0	20.63	20.74	20.67		
5	16QAM	1	0	20.68	20.62	20.51	21	0
5	16QAM	1	12	20.45	20.74	20.60		
5	16QAM	1	24	20.44	20.67	20.57		
5	16QAM	12	0	20.64	20.59	20.85	21	0
5	16QAM	12	7	20.68	20.65	20.77		
5	16QAM	12	13	20.69	20.61	20.61		
5	16QAM	25	0	20.58	20.69	20.61		
5	64QAM	1	0	20.70	20.67	20.72	21	0
5	64QAM	1	12	20.82	20.69	20.69		
5	64QAM	1	24	20.82	20.87	20.83		
5	64QAM	12	0	19.61	19.63	19.77	21	0
5	64QAM	12	7	19.64	19.71	19.72		
5	64QAM	12	13	19.65	19.71	19.64		
5	64QAM	25	0	19.58	19.70	19.64		
5	256QAM	1	0	18.87	18.57	18.98	20.5	0.5
5	256QAM	1	12	18.73	18.52	18.53		
5	256QAM	1	24	18.74	18.81	18.75		
5	256QAM	12	0	18.56	18.57	18.68	20.5	0.5
5	256QAM	12	7	18.66	18.75	18.59		
5	256QAM	12	13	18.54	18.64	18.61		
5	256QAM	25	0	18.55	18.78	18.64		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.62	20.85	20.75	21	0
3	QPSK	1	8	20.57	20.64	20.62		
3	QPSK	1	14	20.36	20.68	20.54		
3	QPSK	8	0	20.69	20.76	20.58	21	0
3	QPSK	8	4	20.64	20.67	20.74		
3	QPSK	8	7	20.71	20.63	20.64		
3	QPSK	15	0	20.61	20.67	20.68		
3	16QAM	1	0	20.72	20.58	20.50	21	0
3	16QAM	1	8	20.46	20.78	20.61		
3	16QAM	1	14	20.45	20.73	20.57		
3	16QAM	8	0	20.66	20.54	20.79	21	0
3	16QAM	8	4	20.69	20.68	20.72		
3	16QAM	8	7	20.75	20.63	20.67		
3	16QAM	15	0	20.61	20.72	20.60		
3	64QAM	1	0	20.73	20.70	20.65	21	0
3	64QAM	1	8	20.74	20.65	20.65		
3	64QAM	1	14	20.77	20.82	20.75		
3	64QAM	8	0	19.63	19.66	19.78	21	0
3	64QAM	8	4	19.64	19.67	19.72		
3	64QAM	8	7	19.68	19.71	19.61		
3	64QAM	15	0	19.64	19.73	19.67		
3	256QAM	1	0	18.84	18.52	18.90	20.5	0.5
3	256QAM	1	8	18.65	18.53	18.59		
3	256QAM	1	14	18.77	18.82	18.82		
3	256QAM	8	0	18.57	18.50	18.71	20.5	0.5
3	256QAM	8	4	18.67	18.73	18.56		
3	256QAM	8	7	18.59	18.62	18.63		
3	256QAM	15	0	18.60	18.71	18.66		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.61	20.80	20.74	21	0
1.4	QPSK	1	3	20.60	20.61	20.64		
1.4	QPSK	1	5	20.37	20.64	20.56		
1.4	QPSK	3	0	20.72	20.73	20.60		
1.4	QPSK	3	1	20.61	20.74	20.74		
1.4	QPSK	3	3	20.71	20.69	20.65		
1.4	QPSK	6	0	20.69	20.72	20.69	21	0
1.4	16QAM	1	0	20.70	20.65	20.55	21	0
1.4	16QAM	1	3	20.50	20.77	20.60		
1.4	16QAM	1	5	20.45	20.71	20.56		
1.4	16QAM	3	0	20.64	20.59	20.81		
1.4	16QAM	3	1	20.67	20.64	20.71		
1.4	16QAM	3	3	20.70	20.65	20.68		
1.4	16QAM	6	0	20.55	20.76	20.60	21	0
1.4	64QAM	1	0	20.68	20.70	20.71	21	0
1.4	64QAM	1	3	20.79	20.68	20.62		
1.4	64QAM	1	5	20.80	20.80	20.81		
1.4	64QAM	3	0	19.61	19.61	19.82		
1.4	64QAM	3	1	19.59	19.69	19.73		
1.4	64QAM	3	3	19.68	19.70	19.68		
1.4	64QAM	6	0	19.56	19.73	19.63	21	0
1.4	256QAM	1	0	18.80	18.60	18.98	20.5	0.5
1.4	256QAM	1	3	18.65	18.54	18.56		
1.4	256QAM	1	5	18.75	18.86	18.74		
1.4	256QAM	3	0	18.56	18.54	18.68		
1.4	256QAM	3	1	18.66	18.72	18.59		
1.4	256QAM	3	3	18.57	18.61	18.66		
1.4	256QAM	6	0	18.56	18.73	18.61	20.5	0.5

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.38	23.65	23.54	23.7	0
20	QPSK	1	49	23.37	23.45	23.43		
20	QPSK	1	99	23.21	23.41	23.37		
20	QPSK	50	0	23.48	23.58	23.42	23.7	0
20	QPSK	50	24	23.45	23.53	23.50		
20	QPSK	50	50	23.54	23.44	23.51		
20	QPSK	100	0	23.45	23.48	23.45		
20	16QAM	1	0	23.53	23.44	23.30	23.7	0
20	16QAM	1	49	23.33	23.57	23.40		
20	16QAM	1	99	23.24	23.53	23.39		
20	16QAM	50	0	23.44	23.35	23.61	23.7	0
20	16QAM	50	24	23.47	23.41	23.56		
20	16QAM	50	50	23.55	23.43	23.44		
20	16QAM	100	0	23.40	23.48	23.43		
20	64QAM	1	0	23.45	23.54	23.46	23.7	0
20	64QAM	1	49	23.54	23.42	23.47		
20	64QAM	1	99	23.62	23.55	23.63		
20	64QAM	50	0	22.43	22.43	22.60	22.7	1
20	64QAM	50	24	22.42	22.49	22.50		
20	64QAM	50	50	22.48	22.46	22.45		
20	64QAM	100	0	22.40	22.56	22.48		
20	256QAM	1	0	20.68	20.42	20.61	20.7	3
20	256QAM	1	49	20.56	20.44	20.47		
20	256QAM	1	99	20.65	20.69	20.62		
20	256QAM	50	0	20.36	20.34	20.48	20.7	3
20	256QAM	50	24	20.42	20.46	20.29		
20	256QAM	50	50	20.31	20.42	20.46		
20	256QAM	100	0	20.30	20.44	20.32		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.30	23.58	23.44	23.7	0
15	QPSK	1	37	23.29	23.31	23.32		
15	QPSK	1	74	23.12	23.32	23.30		
15	QPSK	36	0	23.42	23.46	23.30	23.7	0
15	QPSK	36	20	23.33	23.44	23.41		
15	QPSK	36	39	23.40	23.33	23.37		
15	QPSK	75	0	23.31	23.37	23.43		
15	16QAM	1	0	23.40	23.27	23.27	23.7	0
15	16QAM	1	37	23.16	23.43	23.30		
15	16QAM	1	74	23.17	23.44	23.24		
15	16QAM	36	0	23.39	23.23	23.53	23.7	0
15	16QAM	36	20	23.41	23.39	23.39		
15	16QAM	36	39	23.44	23.37	23.37		
15	16QAM	75	0	23.27	23.46	23.31		
15	64QAM	1	0	23.42	23.41	23.40	23.7	0
15	64QAM	1	37	23.49	23.32	23.37		
15	64QAM	1	74	23.52	23.56	23.46		
15	64QAM	36	0	22.38	22.33	22.52	22.7	1
15	64QAM	36	20	22.30	22.35	22.39		
15	64QAM	36	39	22.43	22.43	22.34		
15	64QAM	75	0	22.31	22.43	22.33		
15	256QAM	1	0	20.60	20.39	20.61	20.7	3
15	256QAM	1	37	20.47	20.26	20.41		
15	256QAM	1	74	20.58	20.59	20.56		
15	256QAM	36	0	20.28	20.22	20.41	20.7	3
15	256QAM	36	20	20.31	20.32	20.16		
15	256QAM	36	39	20.29	20.28	20.32		
15	256QAM	75	0	20.22	20.35	20.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.28	23.50	23.44	23.7	0
10	QPSK	1	25	23.30	23.36	23.31		
10	QPSK	1	49	23.14	23.35	23.30		
10	QPSK	25	0	23.35	23.45	23.33	23.7	0
10	QPSK	25	12	23.31	23.36	23.43		
10	QPSK	25	25	23.36	23.33	23.37		
10	QPSK	50	0	23.38	23.39	23.43		
10	16QAM	1	0	23.40	23.31	23.26	23.7	0
10	16QAM	1	25	23.22	23.43	23.27		
10	16QAM	1	49	23.21	23.42	23.24		
10	16QAM	25	0	23.35	23.25	23.54	23.7	0
10	16QAM	25	12	23.41	23.35	23.45		
10	16QAM	25	25	23.39	23.32	23.30		
10	16QAM	50	0	23.29	23.44	23.31		
10	64QAM	1	0	23.40	23.43	23.39	23.7	0
10	64QAM	1	25	23.46	23.33	23.33		
10	64QAM	1	49	23.47	23.49	23.46		
10	64QAM	25	0	22.39	22.38	22.48	22.7	1
10	64QAM	25	12	22.30	22.38	22.40		
10	64QAM	25	25	22.40	22.44	22.33		
10	64QAM	50	0	22.30	22.41	22.37		
10	256QAM	1	0	20.62	20.40	20.70	20.7	3
10	256QAM	1	25	20.52	20.34	20.40		
10	256QAM	1	49	20.55	20.59	20.56		
10	256QAM	25	0	20.25	20.22	20.34	20.7	3
10	256QAM	25	12	20.29	20.31	20.22		
10	256QAM	25	25	20.23	20.34	20.34		
10	256QAM	50	0	20.19	20.33	20.24		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.33	23.57	23.45	23.7	0
5	QPSK	1	12	23.32	23.30	23.32		
5	QPSK	1	24	23.08	23.37	23.23		
5	QPSK	12	0	23.38	23.48	23.31	23.7	0
5	QPSK	12	7	23.38	23.39	23.46		
5	QPSK	12	13	23.38	23.38	23.40		
5	QPSK	25	0	23.35	23.41	23.35		
5	16QAM	1	0	23.41	23.29	23.21	23.7	0
5	16QAM	1	12	23.15	23.46	23.29		
5	16QAM	1	24	23.20	23.38	23.27		
5	16QAM	12	0	23.33	23.23	23.50	23.7	0
5	16QAM	12	7	23.38	23.35	23.44		
5	16QAM	12	13	23.40	23.37	23.33		
5	16QAM	25	0	23.31	23.42	23.28		
5	64QAM	1	0	23.38	23.44	23.39	23.7	0
5	64QAM	1	12	23.49	23.35	23.34		
5	64QAM	1	24	23.50	23.55	23.50		
5	64QAM	12	0	22.35	22.33	22.51	22.7	1
5	64QAM	12	7	22.34	22.38	22.44		
5	64QAM	12	13	22.39	22.36	22.33		
5	64QAM	25	0	22.26	22.47	22.33		
5	256QAM	1	0	20.62	20.35	20.67	20.7	3
5	256QAM	1	12	20.53	20.33	20.34		
5	256QAM	1	24	20.53	20.62	20.59		
5	256QAM	12	0	20.25	20.25	20.40	20.7	3
5	256QAM	12	7	20.28	20.37	20.24		
5	256QAM	12	13	20.24	20.30	20.36		
5	256QAM	25	0	20.22	20.34	20.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.25	23.53	23.38	23.7	0
3	QPSK	1	8	23.27	23.35	23.30		
3	QPSK	1	14	23.06	23.30	23.23		
3	QPSK	8	0	23.38	23.47	23.33	23.7	0
3	QPSK	8	4	23.35	23.39	23.47		
3	QPSK	8	7	23.39	23.37	23.37		
3	QPSK	15	0	23.39	23.43	23.40		
3	16QAM	1	0	23.42	23.35	23.23	23.7	0
3	16QAM	1	8	23.17	23.45	23.27		
3	16QAM	1	14	23.16	23.45	23.30		
3	16QAM	8	0	23.39	23.24	23.50	23.7	0
3	16QAM	8	4	23.38	23.31	23.41		
3	16QAM	8	7	23.41	23.33	23.35		
3	16QAM	15	0	23.32	23.38	23.30		
3	64QAM	1	0	23.41	23.42	23.35	23.7	0
3	64QAM	1	8	23.46	23.33	23.37		
3	64QAM	1	14	23.51	23.50	23.45		
3	64QAM	8	0	22.33	22.37	22.52	22.7	1
3	64QAM	8	4	22.35	22.38	22.43		
3	64QAM	8	7	22.40	22.44	22.37		
3	64QAM	15	0	22.32	22.41	22.36		
3	256QAM	1	0	20.60	20.34	20.61	20.7	3
3	256QAM	1	8	20.50	20.30	20.38		
3	256QAM	1	14	20.52	20.63	20.56		
3	256QAM	8	0	20.29	20.26	20.36	20.7	3
3	256QAM	8	4	20.28	20.35	20.21		
3	256QAM	8	7	20.23	20.28	20.37		
3	256QAM	15	0	20.23	20.37	20.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.27	23.53	23.41	23.7	0
1.4	QPSK	1	3	23.30	23.37	23.33		
1.4	QPSK	1	5	23.14	23.31	23.29		
1.4	QPSK	3	0	23.42	23.46	23.28		
1.4	QPSK	3	1	23.34	23.42	23.43		
1.4	QPSK	3	3	23.40	23.40	23.36		
1.4	QPSK	6	0	23.39	23.38	23.42	23.7	0
1.4	16QAM	1	0	23.40	23.30	23.21	23.7	0
1.4	16QAM	1	3	23.23	23.46	23.32		
1.4	16QAM	1	5	23.15	23.44	23.31		
1.4	16QAM	3	0	23.32	23.28	23.50		
1.4	16QAM	3	1	23.39	23.35	23.41		
1.4	16QAM	3	3	23.47	23.33	23.34		
1.4	16QAM	6	0	23.26	23.38	23.28	23.7	0
1.4	64QAM	1	0	23.43	23.40	23.36	23.7	0
1.4	64QAM	1	3	23.46	23.36	23.38		
1.4	64QAM	1	5	23.50	23.54	23.47		
1.4	64QAM	3	0	22.31	22.36	22.49		
1.4	64QAM	3	1	22.35	22.38	22.37		
1.4	64QAM	3	3	22.38	22.43	22.31		
1.4	64QAM	6	0	22.28	22.46	22.34	22.7	1
1.4	256QAM	1	0	20.67	20.39	20.78	20.7	3
1.4	256QAM	1	3	20.53	20.26	20.37		
1.4	256QAM	1	5	20.57	20.66	20.54		
1.4	256QAM	3	0	20.30	20.21	20.37		
1.4	256QAM	3	1	20.28	20.33	20.19		
1.4	256QAM	3	3	20.25	20.34	20.29		
1.4	256QAM	6	0	20.22	20.36	20.19	20.7	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)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.60	24.02	23.52	24.2	0
10	QPSK	1	25	23.58	23.81	23.42		
10	QPSK	1	49	23.54	23.66	23.42		
10	QPSK	25	0	23.60	23.69	23.43	24.2	0
10	QPSK	25	12	23.54	23.66	23.41		
10	QPSK	25	25	23.60	23.65	23.35		
10	QPSK	50	0	23.58	23.69	23.44		
10	QPSK	50	24	23.60	23.48	23.64		
10	16QAM	1	0	23.51	23.61	23.26	24.2	0
10	16QAM	1	49	23.62	23.75	23.51		
10	16QAM	25	0	22.94	22.88	22.65		
10	16QAM	25	12	22.92	23.02	22.77	23.7	0.5
10	16QAM	25	25	23.02	22.92	22.69		
10	16QAM	50	0	22.99	22.93	22.65		
10	16QAM	50	24	22.98	23.02	22.65		
10	64QAM	1	0	23.21	23.26	23.00	23.7	0.5
10	64QAM	1	49	23.10	23.08	22.93		
10	64QAM	25	0	21.95	21.86	21.67		
10	64QAM	25	12	21.90	21.91	21.71	22.7	1.5
10	64QAM	25	25	21.95	21.86	21.59		
10	64QAM	50	0	21.90	21.93	21.63		
10	256QAM	1	0	20.33	20.37	20.13		
10	256QAM	1	25	20.66	20.58	20.46	20.7	3.5
10	256QAM	1	49	20.45	20.46	20.40		
10	256QAM	25	0	19.92	19.85	19.61		
10	256QAM	25	12	19.80	19.79	19.66	20.7	3.5
10	256QAM	25	25	19.82	19.71	19.53		
10	256QAM	50	0	19.80	19.83	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.37	23.42	23.12	24.2	0
5	QPSK	1	12	23.36	23.39	23.09		
5	QPSK	1	24	23.31	23.39	23.09		
5	QPSK	12	0	23.40	23.46	23.15	24.2	0
5	QPSK	12	7	23.43	23.42	23.18		
5	QPSK	12	13	23.34	23.40	23.09		
5	QPSK	25	0	23.47	23.41	23.24		
5	16QAM	1	0	23.65	23.41	23.64	24.2	0
5	16QAM	1	12	23.46	23.67	23.20		
5	16QAM	1	24	23.58	23.68	23.49		
5	16QAM	12	0	22.86	22.84	22.65	23.7	0.5
5	16QAM	12	7	22.87	23.00	22.75		
5	16QAM	12	13	23.02	22.87	22.56		
5	16QAM	25	0	22.95	22.85	22.59		
5	64QAM	1	0	22.96	22.96	22.62		
5	64QAM	1	12	23.19	23.12	22.96	23.7	0.5
5	64QAM	1	24	23.03	23.02	22.90		
5	64QAM	12	0	21.91	21.93	21.66		
5	64QAM	12	7	21.88	21.85	21.65	22.7	1.5
5	64QAM	12	13	21.87	21.78	21.57		
5	64QAM	25	0	21.90	21.87	21.58		
5	256QAM	1	0	20.29	20.33	20.13		
5	256QAM	1	12	20.67	20.58	20.42	20.7	3.5
5	256QAM	1	24	20.43	20.41	20.33		
5	256QAM	12	0	19.84	19.84	19.58		
5	256QAM	12	7	19.74	19.75	19.66	20.7	3.5
5	256QAM	12	13	19.76	19.64	19.52		
5	256QAM	25	0	19.76	19.77	19.43		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.37	23.45	23.15	24.2	0
3	QPSK	1	8	23.32	23.41	23.22		
3	QPSK	1	14	23.26	23.34	23.14		
3	QPSK	8	0	23.35	23.45	23.17		
3	QPSK	8	4	23.42	23.46	23.21	24.2	0
3	QPSK	8	7	23.34	23.39	23.15		
3	QPSK	15	0	23.47	23.44	23.24		
3	16QAM	1	0	23.63	23.47	23.62		
3	16QAM	1	8	23.50	23.66	23.25	24.2	0
3	16QAM	1	14	23.83	23.75	23.47		
3	16QAM	8	0	22.86	22.85	22.57		
3	16QAM	8	4	22.91	23.01	22.71	23.7	0.5
3	16QAM	8	7	22.98	22.91	22.57		
3	16QAM	15	0	22.93	22.88	22.61		
3	64QAM	1	0	22.96	23.01	22.58		
3	64QAM	1	8	23.15	23.14	22.92	23.7	0.5
3	64QAM	1	14	23.06	23.03	22.82		
3	64QAM	8	0	21.88	21.88	21.61		
3	64QAM	8	4	21.89	21.87	21.63	22.7	1.5
3	64QAM	8	7	21.88	21.83	21.54		
3	64QAM	15	0	21.82	21.85	21.59		
3	256QAM	1	0	20.28	20.38	20.19		
3	256QAM	1	8	20.67	20.52	20.44	20.7	3.5
3	256QAM	1	14	20.39	20.46	20.33		
3	256QAM	8	0	19.92	19.83	19.60		
3	256QAM	8	4	19.80	19.74	19.65	20.7	3.5
3	256QAM	8	7	19.74	19.67	19.53		
3	256QAM	15	0	19.72	19.75	19.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.40	23.44	23.11	24.2	0
1.4	QPSK	1	3	23.32	23.39	23.14		
1.4	QPSK	1	5	23.30	23.35	23.14		
1.4	QPSK	3	0	23.33	23.49	23.17		
1.4	QPSK	3	2	23.44	23.42	23.13		
1.4	QPSK	3	3	23.34	23.38	23.09		
1.4	QPSK	6	0	23.42	23.43	23.23	24.2	0
1.4	16QAM	1	0	23.06	23.41	23.59	24.2	0
1.4	16QAM	1	3	23.51	23.89	23.23		
1.4	16QAM	1	5	23.38	23.70	23.44		
1.4	16QAM	3	0	22.89	22.86	22.61		
1.4	16QAM	3	1	22.88	22.96	22.73		
1.4	16QAM	3	2	22.97	22.97	22.59		
1.4	16QAM	6	0	22.96	22.91	22.60	23.7	0.5
1.4	64QAM	1	0	22.93	22.94	22.58	23.7	0.5
1.4	64QAM	1	3	23.13	23.07	22.96		
1.4	64QAM	1	5	23.10	23.05	22.86		
1.4	64QAM	3	0	21.85	21.85	21.59		
1.4	64QAM	3	1	21.83	21.83	21.71		
1.4	64QAM	3	2	21.91	21.85	21.59		
1.4	64QAM	6	0	21.82	21.82	21.56	22.7	1.5
1.4	256QAM	1	0	20.29	20.36	20.07	20.7	3.5
1.4	256QAM	1	3	20.62	20.55	20.41		
1.4	256QAM	1	5	20.44	20.47	20.36		
1.4	256QAM	3	0	19.85	19.80	19.61		
1.4	256QAM	3	1	19.79	19.75	19.60		
1.4	256QAM	3	2	19.76	19.68	19.52		
1.4	256QAM	6	0	19.79	19.78	19.51	20.7	3.5

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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)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.09	21.22	20.76	22.2	0
10	QPSK	1	25	20.97	20.95	20.72		
10	QPSK	1	49	21.08	21.01	20.73		
10	QPSK	25	0	21.04	21.10	20.88	22.2	0
10	QPSK	25	12	20.92	20.99	20.71		
10	QPSK	25	25	20.80	20.96	20.82		
10	QPSK	50	0	20.95	21.08	20.87		
10	QPSK	50	24	20.92	21.05	20.80		
10	16QAM	1	0	21.08	21.11	21.06	22.2	0
10	16QAM	1	49	20.94	20.96	20.92		
10	16QAM	25	0	20.92	21.05	20.83		
10	16QAM	25	12	21.04	21.10	20.95	22.2	0
10	16QAM	25	25	21.00	20.93	20.87		
10	16QAM	50	0	20.97	21.09	20.89		
10	16QAM	50	24	21.05	21.16	21.10		
10	64QAM	1	0	21.12	21.12	20.79	22.2	0
10	64QAM	1	49	21.12	21.02	20.87		
10	64QAM	25	0	21.04	21.08	20.93		
10	64QAM	25	12	21.13	21.09	20.80	22.2	0
10	64QAM	25	25	21.02	20.93	20.85		
10	64QAM	50	0	21.04	21.05	20.80		
10	256QAM	1	0	19.71	19.82	19.52	20.7	1.5
10	256QAM	1	25	19.71	19.75	19.52		
10	256QAM	1	49	19.81	19.77	19.42		
10	256QAM	25	0	19.54	19.62	19.47		
10	256QAM	25	12	19.69	19.66	19.34	20.7	1.5
10	256QAM	25	25	19.67	19.56	19.40		
10	256QAM	50	0	19.68	19.69	19.53		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.01	21.13	20.65	22.2	0
5	QPSK	1	12	21.00	21.04	20.76		
5	QPSK	1	24	21.00	20.92	20.70		
5	QPSK	12	0	20.90	21.05	20.79	22.2	0
5	QPSK	12	7	20.91	20.88	20.63		
5	QPSK	12	13	20.79	20.83	20.77		
5	QPSK	25	0	20.80	20.78	20.78		
5	16QAM	1	0	20.89	21.03	20.74	22.2	0
5	16QAM	1	12	20.97	21.07	20.99		
5	16QAM	1	24	20.92	20.84	20.83		
5	16QAM	12	0	20.81	21.04	20.76	22.2	0
5	16QAM	12	7	20.94	21.03	20.86		
5	16QAM	12	13	20.99	20.83	20.82		
5	16QAM	25	0	20.92	21.05	20.81		
5	64QAM	1	0	20.95	21.10	21.03	22.2	0
5	64QAM	1	12	21.05	21.16	20.69		
5	64QAM	1	24	21.20	20.95	20.85		
5	64QAM	12	0	21.02	20.99	20.88	22.2	0
5	64QAM	12	7	21.04	20.90	20.77		
5	64QAM	12	13	20.97	20.84	20.84		
5	64QAM	25	0	21.03	20.94	20.81		
5	256QAM	1	0	19.83	19.86	19.44	20.7	1.5
5	256QAM	1	12	19.82	19.68	19.45		
5	256QAM	1	24	19.75	19.73	19.34		
5	256QAM	12	0	19.53	19.52	19.40	20.7	1.5
5	256QAM	12	7	19.62	19.60	19.28		
5	256QAM	12	13	19.64	19.52	19.39		
5	256QAM	25	0	19.65	19.57	19.47		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.00	21.14	20.74	22.2	0
3	QPSK	1	8	20.87	20.90	20.61		
3	QPSK	1	14	20.92	20.90	20.66		
3	QPSK	8	0	20.94	21.00	20.86		
3	QPSK	8	4	20.89	20.93	20.64	22.2	0
3	QPSK	8	7	20.91	20.79	20.79		
3	QPSK	15	0	20.91	21.06	20.79		
3	16QAM	1	0	20.91	21.02	20.77		
3	16QAM	1	8	21.04	21.08	21.04	22.2	0
3	16QAM	1	14	20.53	20.92	20.90		
3	16QAM	8	0	20.89	20.97	20.82		
3	16QAM	8	4	20.98	21.08	20.86	22.2	0
3	16QAM	8	7	21.05	20.84	20.84		
3	16QAM	15	0	20.94	20.99	20.86		
3	64QAM	1	0	20.99	21.19	21.06	22.2	0
3	64QAM	1	8	21.08	21.07	20.88		
3	64QAM	1	14	21.16	21.02	20.84		
3	64QAM	8	0	21.00	21.00	20.82	22.2	0
3	64QAM	8	4	21.04	20.99	20.76		
3	64QAM	8	7	20.94	20.99	20.75		
3	64QAM	15	0	20.94	21.04	20.76		
3	256QAM	1	0	19.82	19.75	19.51	20.7	1.5
3	256QAM	1	8	19.65	19.67	19.47		
3	256QAM	1	14	19.73	19.70	19.34		
3	256QAM	8	0	19.49	19.53	19.44		
3	256QAM	8	4	19.63	19.62	19.29	20.7	1.5
3	256QAM	8	7	19.64	19.44	19.31		
3	256QAM	15	0	19.59	19.59	19.45		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.04	21.17	20.70	22.2	0
1.4	QPSK	1	3	20.91	20.86	20.63		
1.4	QPSK	1	5	20.97	20.97	20.68		
1.4	QPSK	3	0	20.95	21.04	20.84		
1.4	QPSK	3	2	21.04	20.92	20.70		
1.4	QPSK	3	3	20.71	20.84	20.81		
1.4	QPSK	6	0	20.92	21.01	20.79	22.2	0
1.4	16QAM	1	0	20.83	20.74	20.92	22.2	0
1.4	16QAM	1	3	21.02	21.06	21.01		
1.4	16QAM	1	5	20.93	20.89	20.63		
1.4	16QAM	3	0	20.87	20.99	20.76		
1.4	16QAM	3	1	20.98	20.99	20.88		
1.4	16QAM	3	2	20.97	20.99	20.73		
1.4	16QAM	6	0	20.95	21.03	20.87	22.2	0
1.4	64QAM	1	0	21.04	21.13	21.08	22.2	0
1.4	64QAM	1	3	21.07	21.07	20.84		
1.4	64QAM	1	5	21.14	20.99	20.77		
1.4	64QAM	3	0	21.02	21.03	20.83		
1.4	64QAM	3	1	21.03	20.99	20.79		
1.4	64QAM	3	2	20.92	20.90	20.75		
1.4	64QAM	6	0	21.03	21.03	20.83	22.2	0
1.4	256QAM	1	0	19.60	19.77	19.43	20.7	1.5
1.4	256QAM	1	3	19.67	19.66	19.42		
1.4	256QAM	1	5	19.79	19.74	19.38		
1.4	256QAM	3	0	19.53	19.61	19.39		
1.4	256QAM	3	1	19.60	19.65	19.24		
1.4	256QAM	3	2	19.57	19.43	19.36		
1.4	256QAM	6	0	19.63	19.57	19.42	20.7	1.5

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.69	20.26	21.5	0
20	QPSK	1	49	20.66	20.67	20.25		
20	QPSK	1	99	20.60	20.43	20.23		
20	QPSK	50	0	20.49	20.56	20.31	21.5	0
20	QPSK	50	24	20.30	20.48	20.15		
20	QPSK	50	50	20.20	20.29	20.34		
20	QPSK	100	0	20.41	20.51	20.29		
20	16QAM	1	0	20.41	20.54	20.24		
20	16QAM	1	49	20.50	20.54	20.52	21.5	0
20	16QAM	1	99	19.97	20.37	20.40		
20	16QAM	50	0	19.37	19.52	19.27		
20	16QAM	50	24	19.44	19.56	19.38	21	0.5
20	16QAM	50	50	19.55	19.41	19.30		
20	16QAM	100	0	19.37	19.53	19.37		
20	64QAM	1	0	19.48	19.71	19.59		
20	64QAM	1	49	19.56	19.79	19.17	21	0.5
20	64QAM	1	99	19.70	19.49	19.27		
20	64QAM	50	0	18.48	18.56	18.36		
20	64QAM	50	24	18.61	18.39	18.26	20	1.5
20	64QAM	50	50	18.47	18.34	18.28		
20	64QAM	100	0	18.53	18.50	18.27		
20	256QAM	1	0	16.70	16.71	16.52		
20	256QAM	1	49	16.60	16.75	16.43	18	3.5
20	256QAM	1	99	16.74	16.74	16.36		
20	256QAM	50	0	16.46	16.51	16.43		
20	256QAM	50	24	16.68	16.58	16.23		
20	256QAM	50	50	16.62	16.52	16.35	18	3.5
20	256QAM	100	0	16.60	16.49	16.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.66	20.19	21.5	0
15	QPSK	1	37	20.54	20.34	20.46		
15	QPSK	1	74	20.64	20.43	20.16		
15	QPSK	36	0	20.53	20.59	20.32		
15	QPSK	36	20	20.38	20.49	20.15	21.5	0
15	QPSK	36	39	20.28	20.31	20.30		
15	QPSK	75	0	20.41	20.58	20.28		
15	16QAM	1	0	20.35	20.49	20.21		
15	16QAM	1	37	20.54	20.59	20.50	21.5	0
15	16QAM	1	74	19.95	20.45	20.36		
15	16QAM	36	0	19.42	19.55	19.26		
15	16QAM	36	20	19.43	19.59	19.38		
15	16QAM	36	39	19.54	19.38	19.37	21	0.5
15	16QAM	75	0	19.38	19.51	19.29		
15	16QAM	75	39	19.55	19.70	19.50		
15	64QAM	1	0	19.54	19.72	19.14	21	0.5
15	64QAM	1	37	19.64	19.47	19.35		
15	64QAM	1	74	19.64	19.42	19.30		
15	64QAM	36	0	18.47	18.48	18.39		
15	64QAM	36	20	18.55	18.43	18.28	20	1.5
15	64QAM	36	39	18.41	18.33	18.28		
15	64QAM	75	0	18.52	18.49	18.31		
15	256QAM	1	0	16.61	16.72	16.45		
15	256QAM	1	37	16.61	16.72	16.46	18	3.5
15	256QAM	1	74	16.72	16.73	16.36		
15	256QAM	36	0	16.46	16.51	16.39		
15	256QAM	36	20	16.57	16.57	16.29	18	3.5
15	256QAM	36	39	16.58	16.43	16.29		
15	256QAM	75	0	16.68	16.56	16.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.57	20.62	20.19	21.5	0
10	QPSK	1	25	20.62	20.42	20.28		
10	QPSK	1	49	20.66	20.47	20.25		
10	QPSK	25	0	20.53	20.56	20.33		
10	QPSK	25	12	20.35	20.43	20.17	21.5	0
10	QPSK	25	25	20.30	20.34	20.26		
10	QPSK	50	0	20.44	20.47	20.26		
10	16QAM	1	0	20.42	20.54	20.28		
10	16QAM	1	25	20.56	20.57	20.46	21.5	0
10	16QAM	1	49	20.01	20.35	20.38		
10	16QAM	25	0	19.39	19.47	19.26		
10	16QAM	25	12	19.44	19.56	19.40	21	0.5
10	16QAM	25	25	19.47	19.33	19.34		
10	16QAM	50	0	19.43	19.50	19.36		
10	64QAM	1	0	19.55	19.65	19.57		
10	64QAM	1	25	19.62	19.77	19.17	21	0.5
10	64QAM	1	49	19.72	19.52	19.35		
10	64QAM	25	0	18.45	18.49	18.39		
10	64QAM	25	12	18.42	18.60	18.24	20	1.5
10	64QAM	25	25	18.42	18.49	18.26		
10	64QAM	50	0	18.53	18.50	18.33		
10	256QAM	1	0	16.69	16.79	16.43		
10	256QAM	1	25	16.69	16.74	16.44	18	3.5
10	256QAM	1	49	16.72	16.72	16.34		
10	256QAM	25	0	16.45	16.54	16.39		
10	256QAM	25	12	16.65	16.55	16.29	18	3.5
10	256QAM	25	25	16.65	16.53	16.36		
10	256QAM	50	0	16.62	16.57	16.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.58	20.65	20.16	21.5	0
5	QPSK	1	12	20.60	20.30	20.23		
5	QPSK	1	24	20.60	20.49	20.24		
5	QPSK	12	0	20.50	20.52	20.35		
5	QPSK	12	7	20.49	20.47	20.13	21.5	0
5	QPSK	12	13	20.19	20.39	20.28		
5	QPSK	25	0	20.42	20.56	20.29		
5	16QAM	1	0	20.40	20.56	20.22		
5	16QAM	1	12	20.58	20.52	20.48	21.5	0
5	16QAM	1	24	20.54	20.42	20.31		
5	16QAM	12	0	19.36	19.45	19.28		
5	16QAM	12	7	19.45	19.60	19.40	21	0.5
5	16QAM	12	13	19.51	19.38	19.39		
5	16QAM	25	0	19.36	19.55	19.33		
5	64QAM	1	0	19.45	19.74	19.55		
5	64QAM	1	12	19.64	19.49	19.31	21	0.5
5	64QAM	1	24	19.64	19.49	19.31		
5	64QAM	12	0	18.54	18.54	18.32		
5	64QAM	12	7	18.61	18.47	18.21	20	1.5
5	64QAM	12	13	18.49	18.37	18.33		
5	64QAM	25	0	18.54	18.54	18.32		
5	256QAM	1	0	16.65	16.75	16.51	18	3.5
5	256QAM	1	12	16.65	16.63	16.46		
5	256QAM	1	24	16.75	16.74	16.32		
5	256QAM	12	0	16.53	16.56	16.46		
5	256QAM	12	7	16.67	16.59	16.28	18	3.5
5	256QAM	12	13	16.66	16.48	16.40		
5	256QAM	25	0	16.60	16.55	16.49		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.55	19.66	19.48	20	0
20	QPSK	1	49	19.50	19.52	19.47		
20	QPSK	1	99	19.48	19.51	19.43		
20	QPSK	50	0	19.49	19.60	19.53		
20	QPSK	50	24	19.44	19.54	19.52		
20	QPSK	50	50	19.47

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.18	19.22	19.16	20.2	0
20	QPSK	1	49	19.13	19.17	19.03		
20	QPSK	1	99	19.14	19.16	19.08		
20	QPSK	50	0	19.19	19.21	19.10	20.2	0
20	QPSK	50	24	19.16	19.08	19.04		
20	QPSK	50	50	19.06	19.05	18.98		
20	QPSK	100	0	19.06	19.11	19.07		
20	16QAM	1	0	19.05	19.12	19.11	20.2	0
20	16QAM	1	49	18.87	19.21	19.19		
20	16QAM	1	99	18.19	19.13	19.17		
20	16QAM	50	0	18.74	19.11	19.07	20.2	0
20	16QAM	50	24	18.93	19.05	18.99		
20	16QAM	50	50	19.03	19.16	19.01		
20	16QAM	100	0	18.93	18.98	18.93		
20	64QAM	1	0	19.07	19.13	19.19	20.2	0
20	64QAM	1	49	18.68	19.14	19.09		
20	64QAM	1	99	18.78	19.17	18.96		
20	64QAM	50	0	18.81	19.09	19.15	20.2	0
20	64QAM	50	24	18.91	19.05	19.08		
20	64QAM	50	50	18.97	19.17	19.16		
20	64QAM	100	0	18.87	19.06	19.12		
20	256QAM	1	0	18.87	18.92	19.19	20.2	0
20	256QAM	1	49	18.99	18.99	19.17		
20	256QAM	1	99	18.93	19.05	19.13		
20	256QAM	50	0	18.75	18.92	19.14	20.2	0
20	256QAM	50	24	18.76	18.93	19.15		
20	256QAM	50	50	18.79	19.04	19.03		
20	256QAM	100	0	18.84	18.93	19.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.67	19.17	18.84	20.2	0
15	QPSK	1	37	18.62	18.80	19.02		
15	QPSK	1	74	18.81	19.10	19.07		
15	QPSK	36	0	18.74	19.13	18.99	20.2	0
15	QPSK	36	20	18.84	18.90	19.02		
15	QPSK	36	39	18.93	19.04	18.91		
15	QPSK	75	0	18.83	19.08	18.86		
15	16QAM	1	0	18.97	19.09	19.17	20.2	0
15	16QAM	1	37	18.78	19.18	19.15		
15	16QAM	1	74	19.15	19.11	19.21		
15	16QAM	36	0	18.74	19.03	19.06	20.2	0
15	16QAM	36	20	18.83	19.00	18.99		
15	16QAM	36	39	19.03	19.08	18.94		
15	16QAM	75	0	18.90	18.96	18.92		
15	64QAM	1	0	19.02	19.07	19.19	20.2	0
15	64QAM	1	37	18.77	19.17	19.03		
15	64QAM	1	74	18.67	19.13	18.95		
15	64QAM	36	0	18.80	19.00	19.09	20.2	0
15	64QAM	36	20	18.89	18.99	18.97		
15	64QAM	36	39	18.87	19.12	19.12		
15	64QAM	75	0	18.85	18.95	19.07		
15	256QAM	1	0	18.80	18.88	19.08	20.2	0
15	256QAM	1	37	18.83	18.88	19.11		
15	256QAM	1	74	18.88	19.02	19.17		
15	256QAM	36	0	18.67	18.87	19.12	20.2	0
15	256QAM	36	20	18.76	18.90	19.05		
15	256QAM	36	39	18.73	18.94	18.94		
15	256QAM	75	0	18.74	18.88	19.12		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2565		
10	QPSK	1	0	18.76	19.14	18.85	20.2	0
10	QPSK	1	25	18.93	18.78	19.01		
10	QPSK	1	49	18.81	19.10	19.05		
10	QPSK	25	0	18.68	19.11	18.99	20.2	0
10	QPSK	25	12	18.77	18.87	18.93		
10	QPSK	25	25	18.93	19.05	18.94		
10	QPSK	50	0	18.84	19.08	18.89		
10	16QAM	1	0	19.02	19.06	19.41	20.2	0
10	16QAM	1	25	18.79	19.12	19.09		
10	16QAM	1	49	19.09	19.33	19.20		
10	16QAM	25	0	18.71	19.04	19.00	20.2	0
10	16QAM	25	12	18.82	18.96	18.93		
10	16QAM	25	25	18.96	19.08	18.90		
10	16QAM	50	0	18.91	18.97	18.90		
10	64QAM	1	0	19.00	19.11	19.14	20.2	0
10	64QAM	1	25	18.79	19.28	19.01		
10	64QAM	1	49	18.75	19.36	18.91		
10	64QAM	25	0	18.71	19.06	19.08	20.2	0
10	64QAM	25	12	18.90	19.05	19.05		
10	64QAM	25	25	18.96	19.13	19.11		
10	64QAM	50	0	18.83	19.04	19.11		
10	256QAM	1	0	18.79	18.83	19.14	20.2	0
10	256QAM	1	25	18.87	18.96	19.11		
10	256QAM	1	49	18.82	18.97	19.14		
10	256QAM	25	0	18.68	18.81	19.08	20.2	0
10	256QAM	25	12	18.67	18.87	19.08		
10	256QAM	25	25	18.68	18.96	18.97		
10	256QAM	50	0	18.82	18.92	19.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.76	19.22	18.80	20.2	0
5	QPSK	1	12	18.66	18.87	19.00		
5	QPSK	1	24	18.77	19.07	18.86		
5	QPSK	12	0	18.75	19.19	19.05	20.2	0
5	QPSK	12	7	18.85	18.89	18.98		
5	QPSK	12	13	18.94	19.02	18.90		
5	QPSK	25	0	18.87	19.08	18.93		
5	16QAM	1	0	18.96	19.05	19.32	20.2	0
5	16QAM	1	12	18.87	19.12	19.18		
5	16QAM	1	24	19.10	19.41	19.24		
5	16QAM	12	0	18.79	19.00	19.05	20.2	0
5	16QAM	12	7	18.88	19.00	18.94		
5	16QAM	12	13	18.99	19.11	19.03		
5	16QAM	25	0	18.83	18.91	18.89		
5	64QAM	1	0	18.90	19.04	19.15	20.2	0
5	64QAM	1	12	18.80	19.30	19.06		
5	64QAM	1	24	18.74	19.35	18.93		
5	64QAM	12	0	18.76	19.08	19.12	20.2	0
5	64QAM	12	7	18.88	19.05	18.99		
5	64QAM	12	13	18.97	19.11	19.13		
5	64QAM	25	0	18.84	19.00	19.12		
5	256QAM	1	0	18.84	18.89	19.16	20.2	0
5	256QAM	1	12	18.87	18.98	19.14		
5	256QAM	1	24	18.87	18.97	19.21		
5	256QAM	12	0	18.72	18.83	19.12	20.2	0
5	256QAM	12	7	18.75	18.91	19.07		
5	256QAM	12	13	18.78	18.98	19.00		
5	256QAM	25	0	18.76	18.85	19.04		

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.28	19.57	19.29	20.5	0
20	QPSK	1	49	19.22	19.15	19.24		
20	QPSK	1	99	19.11	19.44	19.28		
20	QPSK	50	0	19.23	19.46	19.36	20.5	0
20	QPSK	50	24	19.12	19.21	19.25		
20	QPSK	50	50	19.19	19.37	19.20		
20	QPSK	100	0	19.07	19.24	19.24		
20	16QAM	1	0	19.35	19.40	19.37	20.5	0
20	16QAM	1	49	19.15	19.40	19.48		
20	16QAM	1	99	19.43	19.33	19.52		
20	16QAM	50	0	18.94	19.31	19.30	20.5	0
20	16QAM	50	24	19.22	19.25	19.28		
20	16QAM	50	50	19.22	19.41	19.31		
20	16QAM	100	0	19.12	19.26	19.16		
20	64QAM	1	0	19.31	19.39	19.45	20.5	0
20	64QAM	1	49	19.15	19.25	19.37		
20	64QAM	1	99	19.02	19.31	19.23		
20	64QAM	50	0	19.00	19.30	19.40	20.5	0
20	64QAM	50	24	19.20	19.31	19.33		
20	64QAM	50	50	19.21	19.36	19.36		
20	64QAM	100	0	19.15	19.26	19.36		
20	256QAM	1	0	18.68	18.18	18.39	19.5	1
20	256QAM	1	49	18.20	18.29	18.38		
20	256QAM	1	99	18.14	18.32	18.49		
20	256QAM	50	0	18.04	18.19	18.38	19.5	1
20	256QAM	50	24	17.97	18.17	18.40		
20	256QAM	50	50	18.08	18.31	18.31		
20	256QAM	100	0	18.11	18.16	18.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.33	19.31	19.39	20.5	0
15	QPSK	1	37	19.43	19.46	19.22		
15	QPSK	1	74	19.32	19.33	19.34		
15	QPSK	36	0	19.32	19.37	19.05	20.5	0
15	QPSK	36	20	19.32	19.41	19.23		
15	QPSK	36	39	19.12	19.26	19.24		
15	QPSK	75	0	19.02	19.30	19.19		
15	16QAM	1	0	19.27	19.38	19.05	20.5	0
15	16QAM	1	37	19.06	19.37	19.38		
15	16QAM	1	74	19.36	19.26	19.01		
15	16QAM	36	0	18.94	19.26	19.30	20.5	0
15	16QAM	36	20	19.27	19.26	19.16		
15	16QAM	36	39	19.16	19.25	19.15		
15	16QAM	75	0	19.12	19.26	19.04		
15	64QAM	1	0	19.26	19.36	19.39	20.5	0
15	64QAM	1	37	19.00	19.05	19.38		
15	64QAM	1	74	18.98	19.09	19.13		
15	64QAM	36	0	19.08	19.23	19.39	20.5	0
15	64QAM	36	20	19.14	19.23	19.36		
15	64QAM	36	39	19.13	19.42	19.32		
15	64QAM	75	0	19.01	19.25	19.36		
15	256QAM	1	0	17.03	17.19	17.33	19.5	1
15	256QAM	1	37	17.04	17.21	17.27		
15	256QAM	1	74	17.09	17.17	17.47		
15	256QAM	36	0	16.91	17.16	17.27	19.5	1
15	256QAM	36	20	16.95	17.02	17.31		
15	256QAM	36	39	17.08	17.15	17.19		
15	256QAM	75	0	17.05	17.07	17.27		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2565		
10	QPSK	1	0	19.31	19.78	19.40	20.5	0
10	QPSK	1	25	19.38	19.41	19.51		
10	QPSK	1	49	19.41	19.47	19.63		
10	QPSK	25	0	19.25	19.67	19.58	20.5	0
10	QPSK	25	12	19.30	19.51	19.51		
10	QPSK	25	25	19.46	19.56	19.49		
10	QPSK	50	0	19.33	19.61	19.46		
10	16QAM	1	0	19.52	19.66	19.87	20.5	0
10	16QAM	1	25	19.30	19.71	19.62		
10	16QAM	1	49	19.72	19.87	19.75		
10	16QAM	25	0	19.16	19.58	19.53	20.5	0
10	16QAM	25	12	19.42	19.57	19.55		
10	16QAM	25	25	19.52	19.65	19.44		
10	16QAM	50	0	19.47	19.55	19.36		
10	64QAM	1	0	19.52	19.58	19.71	20.5	0
10	64QAM	1	25	19.34	19.73	19.69		
10	64QAM	1	49	19.24	19.63	19.40		
10	64QAM	25	0	19.27	19.47	19.68	20.5	0
10	64QAM	25	12	19.52	19.52	19.63		
10	64QAM	25	25	19.50	19.67	19.64		
10	64QAM	50	0	19.32	19.63	19.67		
10	256QAM	1	0	17.29	17.40	17.66	19.5	1
10	256QAM	1	25	17.36	17.53	17.61		
10	256QAM	1	49	17.33	17.49	17.63		
10	256QAM	25	0	17.30	17.46	17.57	19.5	1
10	256QAM	25	12	17.15	17.34	17.62		
10	256QAM	25	25	17.32	17.42	17.47		
10	256QAM	50	0	17.36	17.35	17.63		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.22	19.82	19.44	20.5	0
5	QPSK	1	12	19.40	19.40	19.55		
5	QPSK	1	24	19.39	19.73	19.64		
5	QPSK	12	0	19.33	19.68	19.64	20.5	0
5	QPSK	12	7	19.29	19.41	19.44		
5	QPSK	12	13	19.44	19.61	19.45		
5	QPSK	25	0	19.38	19.52	19.46		
5	16QAM	1	0	19.58	19.58	19.90	20.5	0
5	16QAM	1	12	19.29	19.65	19.62		
5	16QAM	1	24	19.75	19.86	19.78		
5	16QAM	12	0	19.19	19.57	19.60	20.5	0
5	16QAM	12	7	19.50	19.59	19.50		
5	16QAM	12	13	19.42	19.60	19.44		
5	16QAM	25	0	19.45	19.48	19.39		
5	64QAM	1	0	19.52	19.60	19.63	20.5	0
5	64QAM	1	12	19.39	19.60	19.63		
5	64QAM	1	24	19.31	19.86	19.43		
5	64QAM	12	0	19.33	19.49	19.71	20.5	0
5	64QAM	12	7	19.48	19.49	19.60		
5	64QAM	12	13	19.47	19.72	19.61		
5	64QAM	25	0	19.31	19.65	19.65		
5	256QAM	1	0	17.26	17.56	17.67	19.5	1
5	256QAM	1	12	17.41	17.53	17.61		
5	256QAM	1	24	17.43	17.46	17.77		
5	256QAM	12	0	17.21	17.46	17.61	19.5	1
5	256QAM	12	7	17.22	17.33	17.64		
5	256QAM	12	13	17.30	17.50	17.52		
5	256QAM	25	0	17.37	17.32	17.57		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.73	21.78	21.70		
20	QPSK	1	49	21.84	21.72	21.82	23	0
20	QPSK	1	99	22.09	21.80	21.71		
20	QPSK	50	0	21.88	21.76	21.72		
20	QPSK	50	24	21.79	21.74	21.75	23	0
20	QPSK	50	50	21.78	21.76	21.74		
20	QPSK	100	0	21.77	21.68	21.72		
20	16QAM	1	0	21.76	21.70	21.75		
20	16QAM	1	49	21.78	21.71	21.80	23	0
20	16QAM	1	99	21.86	21.72	21.75		
20	16QAM	50	0	20.76	20.79	20.80		
20	16QAM	50	24	20.75	20.73	20.79	22	1
20	16QAM	50	50	20.83	20.72	20.74		
20	16QAM	100	0	20.76	20.70	20.78		
20	64QAM	1	0	20.49	20.45	20.43		
20	64QAM	1	49	20.53	20.46	20.51	22	1
20	64QAM	1	99	20.57	20.55	20.43		
20	64QAM	50	0	19.71	19.75	19.72		
20	64QAM	50	24	19.79	19.74	19.76	21	2
20	64QAM	50	50	19.72	19.76	19.78		
20	64QAM	100	0	19.78	19.75	19.70		
20	256QAM	1	0	17.58	17.66	17.72		
20	256QAM	1	49	17.70	17.53	17.61	19	4
20	256QAM	1	99	17.66	17.62	17.56		
20	256QAM	50	0	17.58	17.58	17.68		
20	256QAM	50	24	17.37	17.39	17.27	19	4
20	256QAM	50	50	17.48	17.40	17.34		
20	256QAM	100	0	17.41	17.38	17.30		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.70	21.77	21.65		
15	QPSK	1	37	21.78	21.69	21.75	23	0
15	QPSK	1	74	22.08	21.69	21.67		
15	QPSK	36	0	21.84	21.70	21.69		
15	QPSK	36	20	21.74	21.64	21.73	23	0
15	QPSK	36	39	21.78	21.68	21.71		
15	QPSK	75	0	21.70	21.67	21.63		
15	16QAM	1	0	21.72	21.63	21.72		
15	16QAM	1	37	21.68	21.65	21.70	23	0
15	16QAM	1	74	21.85	21.66	21.69		
15	16QAM	36	0	20.69	20.74	20.79		
15	16QAM	36	20	20.70	20.63	20.75	22	1
15	16QAM	36	39	20.75	20.70	20.68		
15	16QAM	75	0	20.66	20.60	20.72		
15	64QAM	1	0	20.38	20.41	20.37		
15	64QAM	1	37	20.51	20.44	20.42	22	1
15	64QAM	1	74	20.51	20.52	20.43		
15	64QAM	36	0	19.69	19.68	19.66		
15	64QAM	36	20	19.73	19.64	19.75	21	2
15	64QAM	36	39	19.62	19.69	19.73		
15	64QAM	75	0	19.71	19.70	19.68		
15	256QAM	1	0	17.50	17.65	17.70		
15	256QAM	1	37	17.68	17.46	17.59	19	4
15	256QAM	1	74	17.61	17.51	17.47		
15	256QAM	36	0	17.58	17.45	17.59		
15	256QAM	36	20	17.32	17.34	17.26	19	4
15	256QAM	36	39	17.45	17.33	17.26		
15	256QAM	75	0	17.41	17.27	17.23		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.69	21.76	21.70		
10	QPSK	1	25	21.75	21.66	21.76	23	0
10	QPSK	1	49	22.01	21.75	21.60		
10	QPSK	25	0	21.83	21.74	21.63		
10	QPSK	25	12	21.77	21.66	21.66	23	0
10	QPSK	25	25	21.77	21.72	21.65		
10	QPSK	50	0	21.72	21.62	21.69		
10	16QAM	1	0	21.67	21.60	21.66		
10	16QAM	1	25	21.73	21.68	21.75	23	0
10	16QAM	1	49	21.86	21.68	21.73		
10	16QAM	25	0	20.75	20.76	20.80		
10	16QAM	25	12	20.67	20.62	20.69	22	1
10	16QAM	25	25	20.74	20.69	20.72		
10	16QAM	50	0	20.66	20.70	20.68		
10	64QAM	1	0	20.42	20.38	20.33		
10	64QAM	1	25	20.53	20.40	20.40	22	1
10	64QAM	1	49	20.46	20.53	20.37		
10	64QAM	25	0	19.60	19.74	19.65		
10	64QAM	25	12	19.69	19.70	19.76	21	2
10	64QAM	25	25	19.69	19.66	19.75		
10	64QAM	50	0	19.73	19.66	19.67		
10	256QAM	1	0	17.52	17.61	17.68		
10	256QAM	1	25	17.68	17.47	17.50	19	4
10	256QAM	1	49	17.60	17.54	17.54		
10	256QAM	25	0	17.50	17.45	17.65		
10	256QAM	25	12	17.35	17.34	17.26	19	4
10	256QAM	25	25	17.44	17.33	17.27		
10	256QAM	50	0	17.38	17.27	17.26		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	21.69	21.74	21.62		
5	QPSK	1	12	21.82	21.65	21.72	23	0
5	QPSK	1	24	22.06	21.73	21.70		
5	QPSK	12	0	21.88	21.76	21.67		
5	QPSK	12	7	21.73	21.74	21.71	23	0
5	QPSK	12	13	21.76	21.68	21.65		
5	QPSK	25	0	21.69	21.62	21.70		
5	16QAM	1	0	21.66	21.67	21.74		
5	16QAM	1	12	21.69	21.68	21.72	23	0
5	16QAM	1	24	21.84	21.72	21.67		
5	16QAM	12	0	20.68	20.76	20.75		
5	16QAM	12	7	20.74	20.64	20.74	22	1
5	16QAM	12	13	20.76	20.62	20.63		
5	16QAM	25	0	20.69	20.68	20.68		
5	64QAM	1	0	20.48	20.44	20.35		
5	64QAM	1	12	20.50	20.44	20.45	22	1
5	64QAM	1	24	20.56	20.45	20.36		
5	64QAM	12	0	19.70	19.74	19.70		
5	64QAM	12	7	19.72	19.68	19.75	21	2
5	64QAM	12	13	19.69	19.76	19.78		
5	64QAM	25	0	19.74	19.64	19.63		
5	256QAM	1	0	17.47	17.60	17.68		
5	256QAM	1	12	17.68	17.52	17.59	19	4
5	256QAM	1	24	17.65	17.54	17.55		
5	256QAM	12	0	17.49	17.45	17.67		
5	256QAM	12	7	17.37	17.37	17.24	19	4
5	256QAM	12	13	17.39	17.37	17.34		
5	256QAM	25	0	17.41	17.38	17.28		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.21	21.20		
20	QPSK	1	49	21.36	21.22	21.29	22	0
20	QPSK	1	99	21.47	21.36	21.35		
20	QPSK	50	0	21.42	21.19	21.21		
20	QPSK	50	24	21.40	21.28	21.30	22	0
20	QPSK	50	50	21.40	21.37	21.31		
20	QPSK	100	0	21.38	21.27	21.27		
20	16QAM	1	0	21.31	21.31	21.22		
20	16QAM	1	49	21.41	21.30	21.38	22	0
20	16QAM	1	99	21.45	21.43	21.41		
20	16QAM	50	0	21.35	21.22	21.21		
20	16QAM	50	24	21.41	21.25	21.26	22	0
20	16QAM	50	50	21.40	21.37	21.29		
20	16QAM	100	0	21.39	21.22	21.24		
20	64QAM	1	0	21.02	20.91	20.96		
20	64QAM	1	49	21.14	21.03	21.00	22	0
20	64QAM	1	99	21.17	21.12	21.08		
20	64QAM	50	0	21.35	21.24	21.24		
20	64QAM	50	24	21.37	21.31	21.25	22	0
20	64QAM	50	50	21.40	21.32	21.27		
20	64QAM	100	0	21.39	21.28	21.26		
20	256QAM	1	0	19.35	19.36	19.36		
20	256QAM	1	49	19.52	19.35	19.30	20.5	1.5
20	256QAM	1	99	19.58	19.49	19.50		
20	256QAM	50	0	19.74	19.66	19.65		
20	256QAM	50	24	19.71	19.61	19.66	20.5	1.5
20	256QAM	50	50	19.71	19.69	19.64		
20	256QAM	100	0	19.84	19.70	19.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.16	21.11	21.11		
15	QPSK	1	37	21.28	21.18	21.19	22	0
15	QPSK	1	74	21.44	21.27	21.26		
15	QPSK	36	0	21.32	21.11	21.16		
15	QPSK	36	20	21.38	21.25	21.26	22	0
15	QPSK	36	39	21.33	21.34	21.31		
15	QPSK	75	0	21.27	21.27	21.17		
15	16QAM	1	0	21.24	21.24	21.16		
15	16QAM	1	37	21.38	21.29	21.32	22	0
15	16QAM	1	74	21.35	21.38	21.33		
15	16QAM	36	0	21.26	21.13	21.11		
15	16QAM	36	20	21.40	21.17	21.16	22	0
15	16QAM	36	39	21.36	21.37	21.23		
15	16QAM	75	0	21.31	21.21	21.13		
15	64QAM	1	0	21.02	20.80	20.89		
15	64QAM	1	37	21.13	21.00	20.99	22	0
15	64QAM	1	74	21.09	21.03	21.01		
15	64QAM	36	0	21.26	21.20	21.16		
15	64QAM	36	20	21.33	21.21	21.24	22	0
15	64QAM	36	39	21.30	21.29	21.27		
15	64QAM	75	0	21.31	21.19	21.18		
15	256QAM	1	0	19.24	19.25	19.25		
15	256QAM	1	37	19.50	19.24	19.28	20.5	1.5
15	256QAM	1	74	19.56	19.47	19.45		
15	256QAM	36	0	19.65	19.65	19.55		
15	256QAM	36	20	19.71	19.56	19.65	20.5	1.5
15	256QAM	36	39	19.62	19.61	19.57		
15	256QAM	75	0	19.75	19.61	19.61		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.15	21.17	21.10		
10	QPSK	1	25	21.34	21.17	21.24	22	0
10	QPSK	1	49	21.45	21.29	21.30		
10	QPSK	25	0	21.34	21.10	21.13		
10	QPSK	25	12	21.37	21.26	21.28	22	0
10	QPSK	25	25	21.32	21.36	21.26		
10	QPSK	50	0	21.37	21.23	21.23		
10	16QAM	1	0	21.22	21.25	21.21		
10	16QAM	1	25	21.36	21.27	21.31	22	0
10	16QAM	1	49	21.44	21.42	21.40		
10	16QAM	25	0	21.27	21.16	21.16		
10	16QAM	25	12	21.31	21.16	21.24	22	0
10	16QAM	25	25	21.35	21.27	21.21		
10	16QAM	50	0	21.32	21.12	21.22		
10	64QAM	1	0	20.98	20.81	20.94		
10	64QAM	1	25	21.14	20.98	20.93	22	0
10	64QAM	1	49	21.17	21.01	21.00		
10	64QAM	25	0	21.24	21.20	21.14		
10	64QAM	25	12	21.32	21.21	21.22	22	0
10	64QAM	25	25	21.32	21.31	21.26		
10	64QAM	50	0	21.33	21.28	21.17		
10	256QAM	1	0	19.29	19.30	19.36		
10	256QAM	1	25	19.48	19.35	19.28	20.5	1.5
10	256QAM	1	49	19.55	19.47	19.41		
10	256QAM	25	0	19.74	19.58	19.62		
10	256QAM	25	12	19.61	19.58	19.63	20.5	1.5
10	256QAM	25	25	19.70	19.64	19.58		
10	256QAM	50	0	19.75	19.63	19.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	21.19	21.11	21.20		
5	QPSK	1	12	21.31	21.17	21.27	22	0
5	QPSK	1	24	21.43	21.32	21.25		
5	QPSK	12	0	21.35	21.15	21.19		
5	QPSK	12	7	21.39	21.25	21.29	22	0
5	QPSK	12	13	21.31	21.31	21.31		
5	QPSK	25	0	21.36	21.27	21.18		
5	16QAM	1	0	21.20	21.22	21.14		
5	16QAM	1	12	21.32	21.23	21.32	22	0
5	16QAM	1	24	21.41	21.40	21.34		
5	16QAM	12	0	21.33	21.20	21.14		
5	16QAM	12	7	21.30	21.19	21.15	22	0
5	16QAM	12	13	21.35	21.37	21.18		
5	16QAM	25	0	21.28	21.11	21.21		
5	64QAM	1	0	20.99	20.83	20.92		
5	64QAM	1	12	21.06	21.01	20.91	22	0
5	64QAM	1	24	21.09	21.10	21.07		
5	64QAM	12	0	21.31	21.17	21.24		
5	64QAM	12	7	21.28	21.30	21.18	22	0
5	64QAM	12	13	21.34	21.27	21.26		
5	64QAM	25	0	21.30	21.27	21.24		
5	256QAM	1	0	19.29	19.26	19.29		
5	256QAM	1	12	19.43	19.30	19.25	20.5	1.5
5	256QAM	1	24	19.56	19.40	19.42		
5	256QAM	12	0	19.63	19.56	19.57		
5	256QAM	12	7	19.68	19.60	19.65	20.5	1.5
5	256QAM	12	13	19.67	19.68	19.57		
5	256QAM	25	0	19.75	19.66	19.61		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.62	21.61	21.69		
20	QPSK	1	49	21.65	21.77	21.67	22.2	0
20	QPSK	1	99	21.91	21.83	21.71		
20	QPSK	50	0	21.86	21.70	21.78		
20	QPSK	50	24	21.73	21.61	21.73	22.2	0
20	QPSK	50	50	21.71	21.68	21.72		
20	QPSK	100	0	21.85	21.71	21.72		
20	16QAM	1	0	21.72	21.76	21.70		
20	16QAM	1	49	21.80	21.75	21.84	22.2	0
20	16QAM	1	99	21.81	21.80	21.89		
20	16QAM	50	0	21.63	21.69	21.82		
20	16QAM	50	24	21.73	21.68	21.87	22.2	0
20	16QAM	50	50	21.80	21.78	21.81		
20	16QAM	100	0	21.69	21.72	21.87		
20	64QAM	1	0	21.39	21.36	21.44		
20	64QAM	1	49	21.41	21.52	21.61	22.2	0
20	64QAM	1	99	21.51	21.51	21.60		
20	64QAM	50	0	21.64	21.67	21.80		
20	64QAM	50	24	21.76	21.73	21.82	22.2	0
20	64QAM	50	50	21.77	21.76	21.81		
20	64QAM	100	0	21.79	21.76	21.85		
20	256QAM	1	0	20.12	20.03	20.00		
20	256QAM	1	49	20.00	19.93	20.01	20.7	1.5
20	256QAM	1	99	19.91	19.91	19.98		
20	256QAM	50	0	20.26	20.17	20.23		
20	256QAM	50	24	20.25	20.16	20.26	20.7	1.5
20	256QAM	50	50	20.17	20.14	20.18		
20	256QAM	100	0	20.15	20.11	20.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.52	21.51	21.62		
15	QPSK	1	37	21.55	21.75	21.73	22.2	0
15	QPSK	1	74	21.82	21.76	21.66		
15	QPSK	36	0	21.79	21.69	21.69		
15	QPSK	36	20	21.82	21.63	21.73	22.2	0
15	QPSK	36	39	21.61	21.72	21.81		
15	QPSK	75	0	21.82	21.69	21.67		
15	16QAM	1	0	21.69	21.66	21.62		
15	16QAM	1	37	21.74	21.65	21.73	22.2	0
15	16QAM	1	74	21.79	21.78	21.83		
15	16QAM	36	0	21.60	21.63	21.73		
15	16QAM	36	20	21.63	21.61	21.80	22.2	0
15	16QAM	36	39	21.70	21.76	21.79		
15	16QAM	75	0	21.60	21.70	21.87		
15	64QAM	1	0	21.33	21.31	21.42		
15	64QAM	1	37	21.40	21.48	21.51	22.2	0
15	64QAM	1	74	21.40	21.48	21.49		
15	64QAM	36	0	21.62	21.58	21.77		
15	64QAM	36	20	21.65	21.64	21.82	22.2	0
15	64QAM	36	39	21.74	21.71	21.78		
15	64QAM	75	0	21.72	21.73	21.76		
15	256QAM	1	0	20.03	19.99	19.98		
15	256QAM	1	37	19.96	19.84	20.01	20.7	1.5
15	256QAM	1	74	19.84	19.87	19.97		
15	256QAM	36	0	20.20	20.12	20.12		
15	256QAM	36	20	20.16	20.16	20.25	20.7	1.5
15	256QAM	36	39	20.15	20.03	20.08		
15	256QAM	75	0	20.13	20.09	20.10		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.62	21.51	21.68		
10	QPSK	1	25	21.63	21.73	21.69	22.2	0
10	QPSK	1	49	21.87	21.82	21.69		
10	QPSK	25	0	21.81	21.68	21.75		
10	QPSK	25	12	21.64	21.63	21.75	22.2	0
10	QPSK	25	25	21.71	21.77	21.85		
10	QPSK	50	0	21.78	21.63	21.64		
10	16QAM	1	0	21.61	21.75	21.68		
10	16QAM	1	25	21.74	21.72	21.76	22.2	0
10	16QAM	1	49	21.77	21.74	21.87		
10	16QAM	25	0	21.55	21.68	21.82		
10	16QAM	25	12	21.73	21.58	21.80	22.2	0
10	16QAM	25	25	21.79	21.72	21.77		
10	16QAM	50	0	21.65	21.65	21.83		
10	64QAM	1	0	21.28	21.28	21.34		
10	64QAM	1	25	21.39	21.46	21.58	22.2	0
10	64QAM	1	49	21.49	21.40	21.49		
10	64QAM	25	0	21.57	21.58	21.75		
10	64QAM	25	12	21.74	21.68	21.72	22.2	0
10	64QAM	25	25	21.68	21.72	21.72		
10	64QAM	50	0	21.73	21.74	21.80		
10	256QAM	1	0	20.10	20.02	19.94		
10	256QAM	1	25	19.98	19.88	19.92	20.7	1.5
10	256QAM	1	49	19.91	19.85	19.90		
10	256QAM	25	0	20.15	20.17	20.12		
10	256QAM	25	12	20.16	20.11	20.24	20.7	1.5
10	256QAM	25	25	20.16	20.03	20.07		
10	256QAM	50	0	20.15	20.07	20.12		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	21.60	21.59	21.58		
5	QPSK	1	12	21.54	21.74	21.74	22.2	0
5	QPSK	1	24	21.86	21.83	21.69		
5	QPSK	12	0	21.75	21.64	21.69		
5	QPSK	12	7	21.68	21.68	21.83	22.2	0
5	QPSK	12	13	21.71	21.68	21.74		
5	QPSK	25	0	21.84	21.69	21.70		
5	16QAM	1	0	21.63	21.73	21.69		
5	16QAM	1	12	21.79	21.66	21.83	22.2	0
5	16QAM	1	24	21.77	21.78	21.88		
5	16QAM	12	0	21.58	21.59	21.75		
5	16QAM	12	7	21.67	21.64	21.84	22.2	0
5	16QAM	12	13	21.77	21.78	21.80		
5	16QAM	25	0	21.62	21.65	21.84		
5	64QAM	1	0	21.35	21.27	21.38		
5	64QAM	1	12	21.39	21.49	21.52	22.2	0
5	64QAM	1	24	21.47	21.41	21.49		
5	64QAM	12	0	21.60	21.61	21.76		
5	64QAM	12	7	21.73	21.65	21.71	22.2	0
5	64QAM	12	13	21.71	21.69	21.76		
5	64QAM	25	0	21.74	21.69	21.75		
5	256QAM	1	0	20.06	20.01	19.97		
5	256QAM	1	12	19.90	19.86	19.92	20.7	1.5
5	256QAM	1	24	19.88	19.90	19.87		
5	256QAM	12	0	20.24	20.14	20.16		
5	256QAM	12	7	20.20	20.05	20.21	20.7	1.5
5	256QAM	12	13	20.09	20.06	20.18		
5	256QAM	25	0	20.08	20.08	20.10		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.96	21.06	20.95	22.5	0
20	QPSK	1	49	21.10	21.04	21.02		
20	QPSK	1	99	21.19	21.09	21.11		
20	QPSK	50	0	21.10	21.03	21.03	22.5	0
20	QPSK	50	24	21.00	21.01	21.01		
20	QPSK	50	50	21.08	21.02	21.02		
20	QPSK	100	0	21.04	21.02	20.99		
20	16QAM	1	0	20.96	21.07	21.06	22.5	0
20	16QAM	1	49	21.04	21.06	21.08		
20	16QAM	1	99	21.17	21.12	21.15		
20	16QAM	50	0	20.97	21.03	21.08	22.5	0
20	16QAM	50	24	21.05	21.06	21.07		
20	16QAM	50	50	21.11	21.07	21.06		
20	16QAM	100	0	21.00	21.01	21.06		
20	64QAM	1	0	20.72	20.78	20.78	22.5	0
20	64QAM	1	49	20.80	20.82	20.81		
20	64QAM	1	99	20.90	20.80	20.82		
20	64QAM	50	0	20.54	20.56	20.58	22	0.5
20	64QAM	50	24	20.62	20.55	20.57		
20	64QAM	50	50	20.61	20.58	20.56		
20	64QAM	100	0	20.58	20.59	20.56		
20	256QAM	1	0	19.39	19.37	19.47	20	2.5
20	256QAM	1	49	19.47	19.36	19.52		
20	256QAM	1	99	19.49	19.46	19.40		
20	256QAM	50	0	19.44	19.32	19.38	20	2.5
20	256QAM	50	24	19.05	19.16	19.11		
20	256QAM	50	50	19.21	19.25	19.11		
20	256QAM	100	0	19.35	19.16	19.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.95	21.05	20.94	22.5	0
15	QPSK	1	37	21.07	20.96	20.94		
15	QPSK	1	74	21.11	21.09	21.06		
15	QPSK	36	0	21.09	20.98	21.01	22.5	0
15	QPSK	36	20	20.94	20.98	20.92		
15	QPSK	36	39	21.02	20.91	21.04		
15	QPSK	75	0	21.00	21.01	20.96		
15	16QAM	1	0	20.93	21.06	21.00	22.5	0
15	16QAM	1	37	20.93	21.02	21.07		
15	16QAM	1	74	21.08	21.03	21.07		
15	16QAM	36	0	20.95	20.99	21.08	22.5	0
15	16QAM	36	20	21.03	21.00	21.02		
15	16QAM	36	39	21.00	21.05	21.00		
15	16QAM	75	0	20.99	20.92	20.96		
15	64QAM	1	0	20.68	20.68	20.75	22.5	0
15	64QAM	1	37	20.72	20.82	20.77		
15	64QAM	1	74	20.85	20.73	20.76		
15	64QAM	36	0	20.44	20.50	20.50	22	0.5
15	64QAM	36	20	20.52	20.50	20.49		
15	64QAM	36	39	20.58	20.53	20.50		
15	64QAM	75	0	20.48	20.56	20.47		
15	256QAM	1	0	19.35	19.27	19.37	20	2.5
15	256QAM	1	37	19.43	19.26	19.49		
15	256QAM	1	74	19.47	19.43	19.29		
15	256QAM	36	0	19.35	19.27	19.27	20	2.5
15	256QAM	36	20	19.04	19.09	19.00		
15	256QAM	36	39	19.17	19.23	19.02		
15	256QAM	75	0	19.26	19.15	19.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.87	21.00	20.92	22.5	0
10	QPSK	1	25	21.06	20.95	20.96		
10	QPSK	1	49	21.05	21.06	21.06		
10	QPSK	25	0	21.10	20.92	20.92	22.5	0
10	QPSK	25	12	20.91	21.01	20.96		
10	QPSK	25	25	21.04	20.93	21.04		
10	QPSK	50	0	21.00	20.99	20.95		
10	16QAM	1	0	20.87	21.03	20.99	22.5	0
10	16QAM	1	25	20.99	21.02	21.02		
10	16QAM	1	49	21.16	21.06	21.13		
10	16QAM	25	0	20.93	20.97	21.08	22.5	0
10	16QAM	25	12	20.95	20.95	21.04		
10	16QAM	25	25	21.08	21.03	21.02		
10	16QAM	50	0	20.96	20.91	21.01		
10	64QAM	1	0	20.63	20.70	20.69	22.5	0
10	64QAM	1	25	20.74	20.82	20.73		
10	64QAM	1	49	20.85	20.75	20.78		
10	64QAM	25	0	20.49	20.45	20.58	22	0.5
10	64QAM	25	12	20.55	20.44	20.53		
10	64QAM	25	25	20.58	20.51	20.50		
10	64QAM	50	0	20.48	20.58	20.49		
10	256QAM	1	0	19.36	19.27	19.44	20	2.5
10	256QAM	1	25	19.37	19.34	19.45		
10	256QAM	1	49	19.47	19.36	19.32		
10	256QAM	25	0	19.39	19.28	19.34	20	2.5
10	256QAM	25	12	18.94	19.16	19.06		
10	256QAM	25	25	19.20	19.19	19.38		
10	256QAM	50	0	19.32	19.11	19.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.94	21.03	20.95	22.5	0
5	QPSK	1	12	20.99	21.02	20.99		
5	QPSK	1	24	21.06	21.05	21.05		
5	QPSK	12	0	21.03	20.94	21.02	22.5	0
5	QPSK	12	7	20.93	20.98	20.95		
5	QPSK	12	13	20.99	20.92	21.01		
5	QPSK	25	0	20.97	20.91	20.91		
5	16QAM	1	0	20.86	21.01	20.98	22.5	0
5	16QAM	1	12	21.04	20.97	21.00		
5	16QAM	1	24	21.06	21.09	21.10		
5	16QAM	12	0	20.92	21.01	21.08	22.5	0
5	16QAM	12	7	21.05	20.98	21.05		
5	16QAM	12	13	21.09	21.07	21.05		
5	16QAM	25	0	20.95	20.94	20.96		
5	64QAM	1	0	20.62	20.76	20.68	22.5	0
5	64QAM	1	12	20.80	20.71	20.80		
5	64QAM	1	24	20.84	20.73	20.78		
5	64QAM	12	0	20.44	20.51	20.50	22	0.5
5	64QAM	12	7	20.54	20.52	20.47		
5	64QAM	12	13	20.52	20.58	20.54		
5	64QAM	25	0	20.54	20.48	20.52		
5	256QAM	1	0	19.36	19.31	19.39	20	2.5
5	256QAM	1	12	19.41	19.31	19.46		
5	256QAM	1	24	19.41	19.36	19.39		
5	256QAM	12	0	19.41	19.21	19.28	20	2.5
5	256QAM	12	7	19.04	19.14	19.04		
5	256QAM	12	13	19.21	19.15	19.07		
5	256QAM	25	0	19.26	19.10	19.16		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.73	21.95	21.70	21.60	21.36	22.5	0
20	QPSK	1	49	21.74	21.81	21.72	21.65	21.29		
20	QPSK	1	99	21.79	21.96	21.73	21.76	21.41		
20	QPSK	50	0	21.73	21.96	21.77	21.74	21.39	22.5	0
20	QPSK	50	24	21.70	21.85	21.76	21.66	21.33		
20	QPSK	50	50	21.71	21.88	21.72	21.68	21.37		
20	QPSK	100	0	21.71	21.92	21.76	21.61	21.38		
20	16QAM	1	0	21.86	21.88	21.78	21.75	21.35	22.5	0
20	16QAM	1	49	21.89	21.90	21.81	21.72	21.36		
20	16QAM	1	99	21.88	21.86	21.82	21.63	21.29		
20	16QAM	50	0	20.25	20.36	20.31	20.14	19.88	21	1.5
20	16QAM	50	24	20.31	20.37	20.27	20.14	19.85		
20	16QAM	50	50	20.34	20.40	20.32	20.16	19.85		
20	16QAM	100	0	20.24	20.41	20.29	20.13	19.75		
20	64QAM	1	0	19.99	20.19	19.99	19.88	19.52	21	1.5
20	64QAM	1	49	20.03	20.15	20.00	19.87	19.52		
20	64QAM	1	99	20.04	20.06	19.98	19.85	19.47		
20	64QAM	50	0	19.73	19.85	19.75	19.60	19.35	21	1.5
20	64QAM	50	24	19.81	19.87	19.78	19.62	19.33		
20	64QAM	50	50	19.85	19.87	19.67	19.65	19.31		
20	64QAM	100	0	19.76	19.92	19.76	19.68	19.31		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90		
20	256QAM	1	99	17.84	17.70	17.60	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71	19	3.5
20	256QAM	50	24	17.85	17.75	17.93	17.63	17.86		
20	256QAM	50	50	17.71	17.84	17.67	17.65	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.65	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.67	21.86	21.61	21.52	21.32	22.50	0
15	QPSK	1	37	21.71	21.72	21.68	21.59	21.21		
15	QPSK	1	74	21.69	21.97	21.70	21.47	21.18		
15	QPSK	36	0	21.68	21.96	21.71	21.57	21.33	22.5	0
15	QPSK	36	20	21.77	21.85	21.68	21.65	21.26		
15	QPSK	36	39	21.79	21.86	21.74	21.67	21.26		
15	QPSK	75	0	21.69	21.88	21.67	21.56	21.35		
15	16QAM	1	0	21.80	21.80	21.67	21.74	21.25	22.5	0
15	16QAM	1	37	21.83	21.79	21.70	21.72	21.32		
15	16QAM	1	74	21.83	21.86	21.78	21.60	21.27		
15	16QAM	36	0	20.18	20.25	20.27	20.13	19.86	21	1.5
15	16QAM	36	20	20.31	20.36	20.21	20.05	19.84		
15	16QAM	36	39	20.24	20.33	20.32	20.15	19.79		
15	16QAM	75	0	20.15	20.37	20.21	20.04	19.67		
15	64QAM	1	0	19.88	20.15	19.99	19.81	19.45	21	1.5
15	64QAM	1	37	19.97	20.06	19.97	19.86	19.42		
15	64QAM	1	74	19.93	20.01	19.96	19.75	19.38		
15	64QAM	36	0	19.64	19.80	19.72	19.54	19.32	21	1.5
15	64QAM	36	20	19.70	19.84	19.78	19.58	19.24		
15	64QAM	36	39	19.80	19.77	19.60	19.56	19.20		
15	64QAM	75	0	19.69	19.91	19.69	19.59	19.27		
15	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
15	256QAM	1	37	17.80	17.58	17.90	17.95	17.90		
15	256QAM	1	74	17.84	17.70	17.60	17.59	17.62		
15	256QAM	36	0	17.63	17.83	17.58	17.90	17.71	19	3.5
15	256QAM	36	20	17.85	17.75	17.93	17.63	17.86		
15	256QAM	36	39	17.71	17.84	17.67	17.65	17.68		
15	256QAM	75	0	17.92	17.71	17.62	17.65	17.74		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.63	21.93	21.60	21.60	21.35	22.50	0
10	QPSK	1	25	21.71	21.79	21.63	21.61	21.19		
10	QPSK	1	49	21.73	21.95	21.62	21.47	21.26		
10	QPSK	25	0	21.71	21.90	21.72	21.55	21.32	22.5	0
10	QPSK	25	12	21.75	21.77	21.73	21.58	21.28		
10	QPSK	25	25	21.73	21.83	21.69	21.68	21.32		
10	QPSK	50	0	21.66	21.84	21.65	21.58	21.30		
10	16QAM	1	0	21.75	21.84	21.77	21.69	21.29	22.5	0
10	16QAM	1	25	21.81	21.86	21.77	21.71	21.35		
10	16QAM	1	49	21.86	21.75	21.79	21.62	21.19		
10	16QAM	25	0	20.14	20.25	20.24	20.06	19.84	21	1.5
10	16QAM	25	12	20.27	20.30	20.23	20.14	19.74		
10	16QAM	25	25	20.32	20.34	20.26	20.07	19.75		
10	16QAM	50	0	20.22	20.31	20.20	20.07	19.66		
10	64QAM	1	0	19.94	20.15	19.90	19.84	19.49	21	1.5
10	64QAM	1	25	20.00	20.15	19.95	19.76	19.41		
10	64QAM	1	49	19.94	20.05	19.90	19.77	19.40		
10	64QAM	25	0	19.63	19.83	19.64	19.52	19.32	21	1.5
10	64QAM	25	12	19.79	19.85	19.76	19.57	19.29		
10	64QAM	25	25	19.79	19.81	19.67	19.62	19.23		
10	64QAM	50	0	19.71	19.92	19.73	19.62	19.26		
10	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
10	256QAM	1	25	17.80	17.58	17.90	17.95	17.90		
10	256QAM	1	49	17.84	17.70	17.60	17.59	17.62		
10	256QAM	25	0	17.63	17.83	17.58	17.90	17.71	19	3.5
10	256QAM	25	12	17.85	17.75	17.93	17.63	17.86		
10	256QAM	25	25	17.71	17.84	17.67	17.65	17.68		
10	256QAM	50	0	17.92	17.71	17.62	17.65	17.74		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.64	21.94	21.64	21.49	21.28	22.50	0
5	QPSK	1	12	21.63	21.78	21.72	21.63	21.27		
5	QPSK	1	24	21.76	21.89	21.64	21.49	21.25		
5	QPSK	12	0	21.71	21.96	21.75	21.54	21.37	22.5	0
5	QPSK	12	7	21.78	21.76	21.74	21.60	21.25		
5	QPSK	12	13	21.80	21.84	21.78	21.61	21.31		
5	QPSK	25	0	21.66	21.84	21.76	21.53	21.35		
5	16QAM	1	0	21.80	21.83	21.71	21.69	21.24	22.5	0
5	16QAM	1	12	21.87	21.80	21.73	21.61	21.30		
5	16QAM	1	24	21.79	21.85	21.77	21.61	21.25		
5	16QAM	12	0	20.17	20.26	20.20	20.11	19.77	21	1.5
5	16QAM	12	7	20.22	20.30	20.22	20.07	19.81		
5	16QAM	12	13	20.27	20.34	20.24	20.12	19.84		
5	16QAM	25	0	20.23	20.41	20.27	20.08	19.73		
5	64QAM	1	0	19.94	20.15	19.90	19.84	19.47	21	1.5
5	64QAM	1	12	20.01	20.06	19.90	19.79	19.42		
5	64QAM	1	24	19.97	19.95	19.96	19.77	19.39		
5	64QAM	12	0	19.70	19.84	19.67	19.58	19.30	21	1.5
5	64QAM	12	7	19.73	19.83	19.76	19.53	19.33		
5	64QAM	12	13	19.75	19.83	19.57	19.65	19.24		
5	64QAM	25	0	19.66	19.88	19.66	19.67	19.27		
5	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
5	256QAM	1	12	17.80	17.58	17.90	17.95	17.90		
5	256QAM	1	24	17.84	17.70	17.60	17.59	17.62		
5	256QAM	12	0	17.63	17.83	17.58	17.90	17.71	19	3.5
5	256QAM	12	7	17.85	17.75	17.93	17.63	17.86		
5	256QAM	12	13	17.71	17.84	17.67	17.65	17.68		
5	256QAM	25	0	17.92	17.71	17.62	17.65	17.74		

Band 41_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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.02	21.21	20.96	21.08	20.86	21.5	0
20	QPSK	1	49	21.01	21.29	21.03	21.22	20.98		
20	QPSK	1	99	21.13	21.46	21.21	21.25	21.18		
20	QPSK	50	0	21.08	21.36	21.19	21.21	21.15	21.5	0
20	QPSK	50	24	21.00	21.35	21.09	21.16	20.97		
20	QPSK	50	50	21.05	21.29	21.18	21.12	20.97		
20	QPSK	100	0	20.98	21.32	21.11	21.20	20.94		
20	16QAM	1	0	21.13	21.33	21.05	21.26	21.01	21.5	0
20	16QAM	1	49	21.08	21.43	21.19	21.27	21.09		
20	16QAM	1	99	21.06	21.43	21.21	21.34	21.04		
20	16QAM	50	0	20.97	21.35	21.05	21.22	20.94	21.5	0
20	16QAM	50	24	21.03	21.36	21.10	21.23	21.01		
20	16QAM	50	50	21.04	21.36	21.13	21.24	20.98		
20	16QAM	100	0	21.09	21.36	21.06	21.20	20.96		
20	64QAM	1	0	20.82	21.01	20.79	20.91	20.66	21.5	0
20	64QAM	1	49	20.78	21.06	20.83	20.96	20.72		
20	64QAM	1	99	20.70	21.12	20.88	20.99	20.75		
20	64QAM	50	0	20.96	21.33	21.03	21.23	20.93	21.5	0
20	64QAM	50	24	20.98	21.36	21.05	21.20	20.94		
20	64QAM	50	50	21.03	21.36	21.12	21.23	20.94		
20	64QAM	100	0	21.00	21.33	21.08	21.20	20.89		
20	256QAM	1	0	19.71	19.92	19.72	19.79	19.55	20.5	1
20	256QAM	1	49	19.62	19.91	19.75	19.81	19.53		
20	256QAM	1	99	19.64	19.94	19.69	19.86	19.65		
20	256QAM	50	0	19.90	20.20	19.86	20.14	19.83	20.5	1
20	256QAM	50	24	19.93	20.20	19.94	20.02	19.85		
20	256QAM	50	50	19.93	20.20	19.97	20.12	19.88		
20	256QAM	100	0	19.84	20.13	19.92	20.09	19.72		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.01	21.17	20.85	20.99	20.85	21.50	0
15	QPSK	1	37	20.91	21.28	21.02	21.16	20.92		
15	QPSK	1	74	20.89	21.33	21.05	21.21	20.95		
15	QPSK	36	0	20.94	21.28	21.03	21.11	20.86	21.5	0
15	QPSK	36	20	20.90	21.34	21.00	21.16	20.92		
15	QPSK	36	39	20.99	21.18	21.10	21.15	20.97		
15	QPSK	75	0	20.92	21.24	21.02	21.18	20.91		
15	16QAM	1	0	21.10	21.30	20.99	21.23	20.94	21.5	0
15	16QAM	1	37	21.04	21.41	21.09	21.19	21.09		
15	16QAM	1	74	20.97	21.42	21.19	21.27	20.99		
15	16QAM	36	0	20.90	21.30	20.95	21.20	20.87	21.5	0
15	16QAM	36	20	20.96	21.32	21.00	21.18	20.94		
15	16QAM	36	39	20.97	21.32	21.05	21.22	20.93		
15	16QAM	75	0	21.01	21.29	20.96	21.18	20.88		
15	64QAM	1	0	20.78	21.00	20.69	20.87	20.60	21.5	0
15	64QAM	1	37	20.77	20.97	20.76	20.93	20.64		
15	64QAM	1	74	20.69	21.12	20.88	20.99	20.72		
15	64QAM	36	0	20.88	21.26	20.96	21.22	20.88	21.5	0
15	64QAM	36	20	20.88	21.29	20.96	21.12	20.83		
15	64QAM	36	39	20.92	21.29	21.06	21.21	20.89		
15	64QAM	75	0	20.96	21.32	21.03	21.15	20.87		
15	256QAM	1	0	19.68	19.82	19.61	19.78	19.52	20.5	1
15	256QAM	1	37	19.58	19.82	19.64	19.73	19.46		
15	256QAM	1	74	19.54	19.87	19.64	19.80	19.64		
15	256QAM	36	0	19.82	20.20	19.80	20.14	19.74	20.5	1
15	256QAM	36	20	19.87	20.11	19.83	19.97	19.83		
15	256QAM	36	39	19.93	20.15	19.94	20.02	19.82		
15	256QAM	75	0	19.78	20.04	19.91	20.06	19.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.01	21.13	20.93	21.06	20.82	21.50	0
10	QPSK	1	25	20.91	21.27	20.97	21.13	20.95		
10	QPSK	1	49	20.87	21.31	21.06	21.18	20.96		
10	QPSK	25	0	20.92	21.26	21.00	21.11	20.84	21.5	0
10	QPSK	25	12	20.94	21.33	21.05	21.18	20.89		
10	QPSK	25	25	20.98	21.21	21.14	21.11	20.88		
10	QPSK	50	0	20.89	21.25	21.03	21.10	20.85		
10	16QAM	1	0	21.02	21.26	20.99	21.24	20.93	21.5	0
10	16QAM	1	25	21.04	21.41	21.12	21.19	21.05		
10	16QAM	1	49	20.98	21.33	21.21	21.32	20.93		
10	16QAM	25	0	20.92	21.35	21.01	21.18	20.88	21.5	0
10	16QAM	25	12	20.93	21.27	21.02	21.22	20.94		
10	16QAM	25	25	20.97	21.34	21.06	21.20	20.93		
10	16QAM	50	0	21.01	21.30	21.06	21.10	20.90		
10	64QAM	1	0	20.73	20.93	20.74	20.83

Band 41_Ant 3

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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.28	21.51	21.43	21.55	21.35	21.7	0
20	QPSK	1	49	21.27	21.60	21.49	21.61	21.40		
20	QPSK	1	99	21.29	21.69	21.52	21.63	21.44		
20	QPSK	50	0	21.22	21.67	21.50	21.65	21.45	21.7	0
20	QPSK	50	24	21.21	21.66	21.48	21.64	21.41		
20	QPSK	50	50	21.18	21.60	21.43	21.62	21.42		
20	QPSK	100	0	21.34	21.65	21.49	21.61	21.39		
20	16QAM	1	0	21.39	21.63	21.60	21.60	21.37	21.7	0
20	16QAM	1	49	21.45	21.64	21.60	21.62	21.50		
20	16QAM	1	99	21.38	21.61	21.59	21.61	21.57		
20	16QAM	50	0	21.26	21.66	21.48	21.58	21.45	21.7	0
20	16QAM	50	24	21.32	21.61	21.61	21.66	21.44		
20	16QAM	50	50	21.37	21.61	21.49	21.68	21.44		
20	16QAM	100	0	21.28	21.66	21.56	21.67	21.39		
20	64QAM	1	0	21.23	21.57	21.43	21.53	21.29	21.7	0
20	64QAM	1	49	21.23	21.57	21.51	21.55	21.37		
20	64QAM	1	99	21.26	21.63	21.55	21.59	21.41		
20	64QAM	50	0	21.17	21.61	21.47	21.66	21.45	21.7	0
20	64QAM	50	24	21.30	21.60	21.56	21.63	21.47		
20	64QAM	50	50	21.35	21.65	21.53	21.66	21.48		
20	64QAM	100	0	21.29	21.66	21.51	21.62	21.42		
20	256QAM	1	0	20.05	20.52	20.32	20.42	20.17	20.7	1
20	256QAM	1	49	20.16	20.42	20.44	20.38	20.28		
20	256QAM	1	99	20.06	20.55	20.46	20.42	20.32		
20	256QAM	50	0	19.98	20.63	20.30	20.59	20.33	20.7	1
20	256QAM	50	24	20.17	20.55	20.36	20.58	20.38		
20	256QAM	50	50	20.28	20.49	20.42	20.53	20.31		
20	256QAM	100	0	20.10	20.51	20.35	20.49	20.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.31	21.40	21.46	21.56	21.65	21.70	0
15	QPSK	1	37	21.25	21.41	21.51	21.58	21.64		
15	QPSK	1	74	21.31	21.44	21.53	21.59	21.66		
15	QPSK	36	0	21.25	21.35	21.46	21.56	21.65	21.7	0
15	QPSK	36	20	21.26	21.38	21.48	21.58	21.68		
15	QPSK	36	39	21.31	21.40	21.43	21.62	21.62		
15	QPSK	75	0	21.30	21.35	21.45	21.63	21.62		
15	16QAM	1	0	21.42	21.40	21.47	21.61	21.63	21.7	0
15	16QAM	1	37	21.41	21.50	21.55	21.65	21.60		
15	16QAM	1	74	21.35	21.48	21.57	21.64	21.68		
15	16QAM	36	0	21.26	21.37	21.44	21.57	21.59	21.7	0
15	16QAM	36	20	21.29	21.35	21.47	21.56	21.61		
15	16QAM	36	39	21.28	21.40	21.41	21.60	21.61		
15	16QAM	75	0	21.33	21.41	21.50	21.61	21.68		
15	64QAM	1	0	21.27	21.29	21.40	21.52	21.59	21.7	0
15	64QAM	1	37	21.20	21.28	21.46	21.53	21.55		
15	64QAM	1	74	21.27	21.39	21.49	21.56	21.60		
15	64QAM	36	0	21.19	21.36	21.42	21.56	21.68	21.7	0
15	64QAM	36	20	21.26	21.45	21.46	21.58	21.68		
15	64QAM	36	39	21.31	21.38	21.40	21.61	21.60		
15	64QAM	75	0	21.30	21.38	21.50	21.60	21.67	20.7	1
15	256QAM	1	0	20.06	20.22	20.30	20.38	20.50		
15	256QAM	1	37	20.12	20.31	20.46	20.40	20.37		
15	256QAM	1	74	20.06	20.35	20.46	20.51	20.56		
15	256QAM	36	0	20.07	20.26	20.36	20.59	20.65	20.7	1
15	256QAM	36	20	20.16	20.36	20.45	20.56	20.62		
15	256QAM	36	39	20.19	20.30	20.41	20.47	20.58		
15	256QAM	75	0	20.20	20.22	20.33	20.42	20.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.22	21.34	21.42	21.55	21.61	21.70	0
10	QPSK	1	25	21.22	21.39	21.44	21.58	21.63		
10	QPSK	1	49	21.24	21.38	21.49	21.57	21.64		
10	QPSK	25	0	21.19	21.34	21.43	21.61	21.64	21.7	0
10	QPSK	25	12	21.24	21.39	21.47	21.62	21.62		
10	QPSK	25	25	21.31	21.40	21.41	21.62	21.63		
10	QPSK	50	0	21.29	21.44	21.51	21.59	21.67		
10	16QAM	1	0	21.27	21.43	21.49	21.66	21.67	21.7	0
10	16QAM	1	25	21.38	21.49	21.48	21.64	21.67		
10	16QAM	1	49	21.29	21.52	21.56	21.64	21.61		
10	16QAM	25	0	21.23	21.38	21.57	21.62	21.68	21.7	0
10	16QAM	25	12	21.26	21.46	21.52	21.62	21.68		
10	16QAM	25	25	21.34	21.43	21.47	21.65	21.66		
10	16QAM	50	0	21.30	21.45	21.56	21.66	21.61		
10	64QAM	1	0	21.16	21.30	21.44	21.54	21.59	21.7	0
10	64QAM	1	25	21.21	21.38	21.45	21.58	21.61		
10	64QAM	1	49	21.19	21.33	21.48	21.51	21.58		
10	64QAM	25	0	21.27	21.42	21.53	21.67	21.60	21.7	0
10	64QAM	25	12	21.30	21.45	21.53	21.65	21.62		
10	64QAM	25	25	21.36	21.50	21.52	21.68	21.60		
10	64QAM	50	0	21.30	21.41	21.55	21.62	21.62		
10	256QAM	1	0	20.10	20.22	20.30	20.33	20.37	20.7	1
10	256QAM	1	25	20.04	20.30	20.31	20.43	20.41		
10	256QAM	1	49	20.16	20.28	20.38	20.49	20.47		
10	256QAM	25	0	19.99	20.28	20.30	20.48	20.57	20.7	1
10	256QAM	25	12	20.21	20.37	20.50	20.56	20.50		
10	256QAM	25	25	20.25	20.43	20.35	20.51	20.45		
10	256QAM	50	0	20.24	20.22	20.37	20.48	20.54		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.23	21.33	21.43	21.55	21.59	21.70	0
5	QPSK	1	12	21.24	21.42	21.46	21.53	21.59		
5	QPSK	1	24	21.24	21.40	21.47	21.56	21.63		
5	QPSK	12	0	21.27	21.43	21.46	21.60	21.67	21.7	0
5	QPSK	12	7	21.26	21.43	21.43	21.60	21.64		
5	QPSK	12	13	21.29	21.41	21.43	21.58	21.62		
5	QPSK	25	0	21.25	21.47	21.47	21.60	21.68		
5	16QAM	1	0	21.37	21.51	21.52	21.59	21.68	21.7	0
5	16QAM	1	12	21.40	21.51	21.53	21.60	21.61		
5	16QAM	1	24	21.36	21.54	21.52	21.66	21.67		
5	16QAM	12	0	21.25	21.33	21.44	21.53	21.63	21.7	0
5	16QAM	12	7	21.23	21.41	21.40	21.53	21.61		
5	16QAM	12	13	21.18	21.40	21.42	21.56	21.59		
5	16QAM	25	0	21.31	21.48	21.46	21.62	21.62		
5	64QAM	1	0	21.25	21.36	21.50	21.51	21.63	21.7	0
5	64QAM	1	12	21.20	21.35	21.44	21.50	21.58		
5	64QAM	1	24	21.17	21.35	21.50	21.55	21.63		
5	64QAM	12	0	21.28	21.41	21.47	21.55	21.67	21.7	0
5	64QAM	12	7	21.26	21.39	21.46	21.55	21.67		
5	64QAM	12	13	21.29	21.39	21.49	21.60	21.64		
5	64QAM	25	0	21.33	21.46	21.50	21.66	21.64		
5	256QAM	1	0	20.11	20.15	20.35	20.34	20.41	20.7	1
5	256QAM	1	12	20.13	20.18	20.38	20.35	20.50		
5	256QAM	1	24	20.13	20.31	20.43	20.40	20.58		
5	256QAM	12	0	19.99	20.37	20.29	20.49	20.64	20.7	1
5	256QAM	12	7	20.14	20.33	20.43	20.54	20.63		
5	256QAM	12	13	20.28	20.37	20.33	20.53	20.52		
5	256QAM	25	0	20.15	20.29	20.35	20.46	20.57		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.97	22.12	21.99	22.18	22.01	22.5	0
20	QPSK	1	49	21.85	22.13	21.93	21.95	21.65		
20	QPSK	1	99	21.99	22.40	22.00	22.20	22.04		
20	QPSK	50	0	21.98	22.30	21.97	21.98	21.96	22.5	0
20	QPSK	50	24	21.82	22.21	21.92	21.96	21.88		
20	QPSK	50	50	21.92	22.16	21.95	21.97	21.94		
20	QPSK	100	0	21.87	22.32	22.01	21.95	21.73		
20	16QAM	1	0	21.67	22.12	21.96	21.95	21.70	22.5	0
20	16QAM	1	49	21.86	22.17	22.00	22.02	21.72		
20	16QAM	1	99	21.98	22.33	22.05	21.96	21.76		
20	16QAM	50	0	21.79	22.12	22.01	21.96	21.74	22.5	0
20	16QAM	50	24	21.81	22.21	22.00	21.96	21.72		
20	16QAM	50	50	21.91	22.34	22.08	21.98	21.75		
20	16QAM	100	0	21.82	22.22	21.99	21.93	21.68		
20	64QAM	1	0	22.39	21.85	21.70	21.60	22.18	22.5	0
20	64QAM	1	49	21.59	21.95	21.74	21.70	22.21		
20	64QAM	1	99	21.71	22.04	21.76	21.62	22.32		
20	64QAM	50	0	21.00	21.25	21.14	21.39	21.40	22	0.5
20	64QAM	50	24	21.08	21.28	21.18	21.32	21.37		
20	64QAM	50	50	21.11	21.37	21.25	21.38	21.44		
20	64QAM	100	0	21.04	21.36	21.14	21.33	21.35		
20	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	2.5
20	256QAM	1	49	19.57	19.20	19.36	19.41	19.67		
20	256QAM	1	99	19.51	19.60	19.59	19.28	19.32		
20	256QAM	50	0	19.72	19.29	19.57	19.23	19.22	20	2.5
20	256QAM	50	24	19.64	19.24	19.59	19.70	19.69		
20	256QAM	50	50	19.49	19.20	19.23	19.39	19.36		
20	256QAM	100	0	19.75	19.54	19.29	19.68	19.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.90	22.01	22.08	22.13	21.93	22.50	0
15	QPSK	1	37	21.78	22.05	22.02	21.92	21.58		
15	QPSK	1	74	21.90	22.32	22.00	21.85	21.68		
15	QPSK	36	0	21.74	22.28	21.90	21.94	21.66	22.5	0
15	QPSK	36	20	21.78	22.18	21.94	21.93	21.67		
15	QPSK	36	39	21.88	22.10	21.99	21.88	21.63		
15	QPSK	75	0	21.76	22.26	21.96	21.92	21.62		
15	16QAM	1	0	21.57	22.01	21.91	21.85	21.70	22.5	0
15	16QAM	1	37	21.80	22.11	21.99	21.93	21.72		
15	16QAM	1	74	21.91	22.24	21.98	21.87	21.69		
15	16QAM	36	0	21.68	22.06	21.96	21.90	21.69	22.5	0
15	16QAM	36	20	21.72	22.18	21.93	21.94	21.64		
15	16QAM	36	39	21.83	22.29	22.04	21.95	21.64		
15	16QAM	75	0	21.71	22.20	21.99	21.90	21.58		
15	64QAM	1	0	22.38	21.75	21.70	21.58	22.17	22.5	0
15	64QAM	1	37	21.52	21.94	21.68	21.67	22.19		
15	64QAM	1	74	21.69	22.04	21.71	21.51	22.23		
15	64QAM	36	0	21.00	21.25	21.14	21.39	21.40	22	0.5
15	64QAM	36	20	21.08	21.28	21.18	21.32	21.37		
15	64QAM	36	39	21.11	21.37	21.25	21.38	21.44		
15	64QAM	75	0	21.04	21.36	21.14	21.33	21.35		
15	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	2.5
15	256QAM	1	37	19.57	19.20	19.36	19.41	19.67		
15	256QAM	1	74	19.51	19.60	19.59	19.28	19.32		
15	256QAM	36	0	19.72	19.29	19.57	19.23	19.22	20	2.5
15	256QAM	36	20	19.64	19.24	19.59	19.70	19.69		
15	256QAM	36	39	19.49	19.20	19.23	19.39	19.36		
15	256QAM	75	0	19.75	19.54	19.29	19.68	19.43		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.89	22.07	22.03	22.14	21.93	22.50	0
10	QPSK	1	25	21.83	22.06	22.02	21.91	21.63		
10	QPSK	1	49	21.97	22.31	21.91	21.82	21.65		
10	QPSK	25	0	21.76	22.22	21.91	21.89	21.66	22.5	0
10	QPSK	25	12	21.81	22.10	21.97	21.86	21.60		
10	QPSK	25	25	21.84	22.10	21.93	21.97	21.74		
10	QPSK	50	0	21.87	22.23	21.95	21.93	21.71		
10	16QAM	1	0	21.63	22.02	21.87	21.85	21.67	22.5	0
10	16QAM	1	25	21.77	22.06	22.00	21.91	21.64		
10	16QAM	1	49	21.88	22.25	22.05	21.85	21.73		
10	16QAM	25	0	21.74	22.12	21.95	21.89	21.72	22.5	0
10	16QAM	25	12	21.71	22.15	21.90	21.91	21.72		
10	16QAM	25	25	21.91	22.30	22.01	21.92	21.72		
10	16QAM	50	0	21.80	22.17	21.98	21.90	21.57		
10	64QAM	1	0	22.34	21.85	21.62	21.51	22.12	22.5	0
10	64QAM	1	25	21.53	21.84	21.68	21.64	22.12		
10	64QAM	1	49	21.63	21.95	21.73	21.62	22.27		
10	64QAM	25	0	21.00	21.25	21.14	21.39	21.40	22	0.5
10	64QAM	25	12	21.08	21.28	21.18	21.32	21.37		
10	64QAM	25	25	21.11	21.37	21.25	21.38	21.44		
10	64QAM	50	0	21.04	21.36	21.14	21.33	21.35		
10	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	2.5
10	256QAM	1	25	19.57	19.20	19.36	19.41	19.67		
10	256QAM	1	49	19.51	19.60	19.59	19.28	19.32		
10	256QAM	25	0	19.72	19.29	19.57	19.23	19.22	20	2.5
10	256QAM	25	12	19.64	19.24	19.59	19.70	19.69		
10	256QAM	25	25	19.49	19.20	19.23	19.39	19.36		
10	256QAM	50	0	19.75	19.54	19.29	19.68	19.43		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.87	22.09	22.05	22.16	21.94	22.50	0
5	QPSK	1	12	21.85	22.03	22.01	21.95	21.65		
5	QPSK	1	24	21.91	22.30	21.99	21.79	21.64		
5	QPSK	12	0	21.67	22.21	21.93	21.92	21.65	22.5	0
5	QPSK	12	7	21.79	22.12	21.90	21.96	21.68		
5	QPSK	12	13	21.88	22.13	21.92	21.89	21.72		
5	QPSK	25	0	21.81	22.31	21.98	21.92	21.70		
5	16QAM	1	0	21.58	22.06	21.88	21.93	21.65	22.5	0
5	16QAM	1	12	21.84	22.08	21.93	21.99	21.61		
5	16QAM	1	24	21.91	22.28	22.03	21.86	21.65		
5	16QAM	12	0	21.75	22.03	22.01	21.90	21.66	22.5	0
5	16QAM	12	7	21.72	22.19	21.99	21.88	21.69		
5	16QAM	12	13	21.90	22.24	21.97	21.98	21.75		
5	16QAM	25	0	21.74	22.15	21.91	21.83	21.64		
5	64QAM	1	0	22.38	21.85	21.69	21.58	22.18	22.5	0
5	64QAM	1	12	21.53	21.92	21.63	21.62	22.15		
5	64QAM	1	24	21.62	22.02	21.70	21.59	22.26		
5	64QAM	12	0	21.00	21.25	21.14	21.39	21.40	22	0.5
5	64QAM	12	7	21.08	21.28	21.18	21.32	21.37		
5	64QAM	12	13	21.11	21.37	21.25	21.38	21.44		
5	64QAM	25	0	21.04	21.36	21.14	21.33	21.35		
5	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	2.5
5	256QAM	1	12	19.57	19.20	19.36	19.41	19.67		
5	256QAM	1	24	19.51	19.60	19.59	19.28	19.32		
5	256QAM	12	0	19.72	19.29	19.57	19.23	19.22	20	2.5
5	256QAM	12	7	19.64	19.24	19.59	19.70	19.69		
5	256QAM	12	13	19.49	19.20	19.23	19.39	19.36		
5	256QAM	25	0	19.75	19.54	19.29	19.68	19.43		

DSI 3

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.81	23.71	23.64	24.5	0
20	QPSK	1	49	23.68	23.62	23.58		
20	QPSK	1	99	23.63	23.60	23.56		
20	QPSK	50	0	22.73	22.65	22.60	23.5	1
20	QPSK	50	24	22.65	22.62	22.53		
20	QPSK	50	50	22.65	22.56	22.51		
20	QPSK	100	0	22.65	22.59	22.53		
20	16QAM	1	0	23.13	22.90	22.89	23.5	1
20	16QAM	1	49	22.77	22.86	22.87		
20	16QAM	1	99	22.81	22.71	22.93		
20	16QAM	50	0	21.70	21.67	21.71	22.5	2
20	16QAM	50	24	21.68	21.63	21.64		
20	16QAM	50	50	21.67	21.64	21.62		
20	16QAM	100	0	21.57	21.55	21.58		
20	64QAM	1	0	21.63	21.67	21.58	22.5	2
20	64QAM	1	49	21.54	21.52	21.63		
20	64QAM	1	99	21.53	21.48	21.97		
20	64QAM	50	0	20.68	20.62	20.63	21.5	3
20	64QAM	50	24	20.67	20.61	20.58		
20	64QAM	50	50	20.65	20.51	20.58		
20	64QAM	100	0	20.60	20.50	20.62		
20	256QAM	1	0	18.65	18.61	18.57	19.5	5
20	256QAM	1	49	18.60	18.60	18.61		
20	256QAM	1	99	18.61	18.60	18.68		
20	256QAM	50	0	18.51	18.53	18.55	19.5	5
20	256QAM	50	24	18.57	18.52	18.59		
20	256QAM	50	50	18.55	18.49	18.60		
20	256QAM	100	0	18.52	18.44	18.61		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.77	23.80	23.60	24.5	0
15	QPSK	1	37	23.67	23.72	23.47		
15	QPSK	1	74	23.72	23.48	23.59		
15	QPSK	36	0	22.65	22.61	22.51	23.5	1
15	QPSK	36	20	22.61	22.61	22.59		
15	QPSK	36	39	22.57	22.42	22.55		
15	QPSK	75	0	22.58	22.53	22.66		
15	16QAM	1	0	23.06	23.12	23.13	23.5	1
15	16QAM	1	37	23.02	23.03	22.98		
15	16QAM	1	74	23.00	22.98	23.04		
15	16QAM	36	0	21.64	21.64	21.53	22.5	2
15	16QAM	36	20	21.65	21.55	21.63		
15	16QAM	36	39	21.65	21.49	21.55		
15	16QAM	75	0	21.60	21.55	21.54		
15	64QAM	1	0	21.97	21.78	21.87	22.5	2
15	64QAM	1	37	21.83	21.71	21.82		
15	64QAM	1	74	21.89	21.63	21.83		
15	64QAM	36	0	20.64	20.65	20.54	21.5	3
15	64QAM	36	20	20.55	20.64	20.58		
15	64QAM	36	39	20.59	20.54	20.56		
15	64QAM	75	0	20.58	20.66	20.46		
15	256QAM	1	0	18.36	18.47	18.53	19.5	5
15	256QAM	1	37	18.23	18.38	18.64		
15	256QAM	1	74	18.65	18.57	18.21		
15	256QAM	36	0	18.59	18.58	18.37	19.5	5
15	256QAM	36	20	18.29	18.26	18.47		
15	256QAM	36	39	18.56	18.55	18.54		
15	256QAM	75	0	18.22	18.20	18.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1905		
10	QPSK	1	0	23.65	23.56	23.50	24.5	0
10	QPSK	1	25	23.63	23.47	23.42		
10	QPSK	1	49	23.56	23.49	23.51		
10	QPSK	25	0	22.59	22.58	22.50	23.5	1
10	QPSK	25	12	22.66	22.60	22.56		
10	QPSK	25	25	22.59	22.50	22.45		
10	QPSK	50	0	22.63	22.53	22.52		
10	16QAM	1	0	22.77	22.42	22.56	23.5	1
10	16QAM	1	25	22.69	22.38	22.51		
10	16QAM	1	49	22.43	22.38	22.61		
10	16QAM	25	0	21.65	21.64	21.52	22.5	2
10	16QAM	25	12	21.64	21.58	21.53		
10	16QAM	25	25	21.58	21.47	21.50		
10	16QAM	50	0	21.67	21.57	21.47		
10	64QAM	1	0	22.02	21.88	21.54	22.5	2
10	64QAM	1	25	21.91	21.84	21.48		
10	64QAM	1	49	21.90	21.86	21.56		
10	64QAM	25	0	20.53	20.64	20.46	21.5	3
10	64QAM	25	12	20.59	20.45	20.53		
10	64QAM	25	25	20.49	20.45	20.46		
10	64QAM	50	0	20.60	20.59	20.55		
10	256QAM	1	0	18.36	18.31	18.49	19.5	5
10	256QAM	1	25	18.41	18.53	18.23		
10	256QAM	1	49	18.52	18.23	18.47		
10	256QAM	25	0	18.54	18.28	18.39	19.5	5
10	256QAM	25	12	18.57	18.65	18.62		
10	256QAM	25	25	18.63	18.20	18.21		
10	256QAM	50	0	18.52	18.33	18.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.62	23.51	23.53	24.5	0
5	QPSK	1	12	23.53	23.43	23.63		
5	QPSK	1	24	23.52	23.46	23.59		
5	QPSK	12	0	22.67	22.55	22.54	23.5	1
5	QPSK	12	7	22.67	22.54	22.50		
5	QPSK	12	13	22.56	22.52	22.49		
5	QPSK	25	0	22.56	22.56	22.46		
5	16QAM	1	0	22.69	22.93	22.82	23.5	1
5	16QAM	1	12	22.64	23.01	22.86		
5	16QAM	1	24	22.60	22.92	22.83		
5	16QAM	12	0	21.67	21.64	21.55	22.5	2
5	16QAM	12	7	21.62	21.56	21.55		
5	16QAM	12	13	21.55	21.54	21.53		
5	16QAM	25	0	21.50	21.56	21.60		
5	64QAM	1	0	21.86	21.85	21.85	22.5	2
5	64QAM	1	12	21.84	21.87	21.82		
5	64QAM	1	24	21.82	21.81	21.87		
5	64QAM	12	0	20.70	20.54	20.60	21.5	3
5	64QAM	12	7	20.55	20.56	20.51		
5	64QAM	12	13	20.64	20.48	20.50		
5	64QAM	25	0	20.56	20.64	20.52		
5	256QAM	1	0	18.39	18.49	18.35	19.5	5
5	256QAM	1	12	18.65	18.42	18.38		
5	256QAM	1	24	18.32	18.22	18.64		
5	256QAM	12	0	18.23	18.54	18.63	19.5	5
5	256QAM	12	7	18.25	18.61	18.49		
5	256QAM	12	13	18.44	18.62	18.34		
5	256QAM	25	0	18.38	18.49	18.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.74	23.40	23.37	24.5	0
3	QPSK	1	8	23.79	23.52	23.48		
3	QPSK	1	14	23.65	23.54	23.40		
3	QPSK	8	0	22.55	22.58	22.49	23.5	1
3	QPSK	8	4	22.64	22.51	22.52		
3	QPSK	8	7	22.56	22.52	22.50		
3	QPSK	15	0	22.53	22.49	22.50		
3	16QAM	1	0	23.09	22.74	22.76	23.5	1
3	16QAM	1	8	23.05	22.80	22.80		
3	16QAM	1	14	23.01	22.74	22.78		
3	16QAM	8	0	21.62	21.60	21.52	22.5	2
3	16QAM	8	4	21.65	21.50	21.48		
3	16QAM	8	7	21.68	21.58	21.48		
3	16QAM	15	0	21.65	21.57	21.64		
3	64QAM	1	0	21.94	21.51	21.48	22.5	2
3	64QAM	1	8	21.59	21.58	21.46		
3	64QAM	1	14	21.53	21.54	21.48		
3	64QAM	8	0	20.42	20.44	20.51	21.5	3
3	64QAM	8	4	20.50	20.46	20.53		
3	64QAM	8	7	20.53	20.45	20.56		
3	64QAM	15	0	20.73	20.55	20.47		
3	256QAM	1	0	18.44	18.62	18.38	19.5	5
3	256QAM	1	8	18.20	18.45	18.59		
3	256QAM	1	14	18.25	18.32	18.59		
3	256QAM	8	0	18.36	18.54	18.57	19.5	5
3	256QAM	8	4	18.28	18.63	18.23		
3	256QAM	8	7	18.20	18.27	18.28		
3	256QAM	15	0	18.27	18.42	18.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.65	23.61	23.57	24.5	0
1.4	QPSK	1	3	23.75	23.63	23.49		
1.4	QPSK	1	5	23.76	23.60	23.64		
1.4	QPSK	3	0	23.51	23.46	23.37		
1.4	QPSK	3	1	23.52	23.43	23.40		
1.4	QPSK	3	3	23.52	23.43	23.42		
1.4	QPSK	6	0	22.58	22.58	22.49	23.5	1
1.4	16QAM	1	0	22.90	22.90	22.88	23.5	1
1.4	16QAM	1	3	22.94	22.80	22.94		
1.4	16QAM	1	5	22.97	22.87	23.04		
1.4	16QAM	3	0	22.50	22.57	22.58		
1.4	16QAM	3	3	22.59	22.53	22.57		
1.4	16QAM	3	3	22.59	22.50	22.54		
1.4	16QAM	6	0	21.72	21.60	21.47	22.5	2
1.4	64QAM	1	0	21.86	21.63	21.56	22.5	2
1.4	64QAM	1	3	21.87	21.79	21.58		
1.4	64QAM	1	5	21.89	21.65	21.55		
1.4	64QAM	3	0	21.74	21.68	21.77		
1.4	64QAM	3	1	21.72	21.72	21.79		
1.4	64QAM	3	3	21.67	21.63	21.81		
1.4	64QAM	6	0	20.50	20.51	20.44	21.5	3
1.4	256QAM	1	0	18.44	18.25	18.58	19.5	5
1.4	256QAM	1	3	18.53	18.34	18.55		
1.4	256QAM	1	5	18.20	18.58	18.21		
1.4	256QAM	3	0	18.50	18.48	18.59		
1.4	256QAM	3	1	18.62	18.40	18.21		
1.4	256QAM	3	3	18.42	18.52	18.31		
1.4	256QAM	6	0	18.60	18.46	18.20	19.5	5

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.96	23.96	23.88	25	0
20	QPSK	1	49	23.80	23.79	23.75		
20	QPSK	1	99	23.76	23.72	23.69		
20	QPSK	50	0	22.93	22.90	22.85	24	1
20	QPSK	50	24	22.87	22.86	22.79		
20	QPSK	50	50	22.87	22.75	22.70		
20	QPSK	100	0	22.87	22.86	22.76		
20	16QAM	1	0	23.99	23.16	23.08	24	1
20	16QAM	1	49	23.03	23.05	23.08		
20	16QAM	1	99	23.03	22.97	23.04		
20	16QAM	50	0	21.93	21.83	21.87	23	2
20	16QAM	50	24	21.87	21.87	21.82		
20	16QAM	50	50	21.85	21.72	21.89		
20	16QAM	100	0	21.82	21.79	21.83		
20	64QAM	1	0	22.08	22.01	21.93	23	2
20	64QAM	1	49	22.01	21.92	21.92		
20	64QAM	1	99	21.94	21.87	21.94		
20	64QAM	50	0	21.04	20.84	20.86	22	3
20	64QAM	50	24	20.88	20.84	20.84		
20	64QAM	50	50	20.85	20.74	20.87		
20	64QAM	100	0	20.85	20.81	20.84		
20	256QAM	1	0	18.74	18.76	18.84	20	5
20	256QAM	1	49	18.77	18.82	18.82		
20	256QAM	1	99	18.76	18.76	18.95		
20	256QAM	50	0	18.82	18.56	18.81		
20	256QAM	50	24	18.78	18.71	18.73		
20	256QAM	50	50	18.78	18.63	18.85		
20	256QAM	100	0	18.72	18.65	18.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.94	23.88	23.82	25	0
15	QPSK	1	37	23.80	23.82	23.69		
15	QPSK	1	74	23.80	23.80	23.79		
15	QPSK	36	0	22.88	22.86	22.76	24	1
15	QPSK	36	20	22.86	22.86	22.81		
15	QPSK	36	39	22.79	22.71	22.84		
15	QPSK	75	0	22.75	22.73	22.81		
15	16QAM	1	0	23.11	23.13	23.11	24	1
15	16QAM	1	37	23.11	23.00	23.02		
15	16QAM	1	74	23.13	22.98	23.00		
15	16QAM	36	0	21.84	21.86	21.75	23	2
15	16QAM	36	20	21.82	21.81	21.80		
15	16QAM	36	39	21.87	21.71	21.81		
15	16QAM	75	0	21.85	21.79	21.80		
15	64QAM	1	0	22.02	22.04	21.94	23	2
15	64QAM	1	37	21.95	21.95	21.93		
15	64QAM	1	74	21.95	21.90	21.92		
15	64QAM	36	0	20.89	20.86	20.82	22	3
15	64QAM	36	20	20.84	20.87	20.82		
15	64QAM	36	39	20.85	20.73	20.85		
15	64QAM	75	0	20.85	20.79	20.77		
15	256QAM	1	0	18.62	18.74	18.84	20	5
15	256QAM	1	37	18.58	18.56	18.54		
15	256QAM	1	74	18.75	18.68	18.54		
15	256QAM	36	0	18.63	18.65	18.60		
15	256QAM	36	20	18.60	18.69	18.61		
15	256QAM	36	39	18.52	18.62	18.60		
15	256QAM	75	0	18.81	18.85	18.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1905		
10	QPSK	1	0	23.95	23.87	23.79	25	0
10	QPSK	1	25	23.85	23.86	23.75		
10	QPSK	1	49	23.83	23.77	23.81		
10	QPSK	25	0	22.87	22.83	22.74	24	1
10	QPSK	25	12	22.86	22.81	22.77		
10	QPSK	25	25	22.81	22.74	22.77		
10	QPSK	50	0	22.86	22.81	22.79		
10	16QAM	1	0	23.12	23.04	22.99	24	1
10	16QAM	1	25	23.09	22.95	22.95		
10	16QAM	1	49	23.09	22.95	22.95		
10	16QAM	25	0	21.92	21.86	21.77	23	2
10	16QAM	25	12	21.87	21.84	21.82		
10	16QAM	25	25	21.80	21.78	21.78		
10	16QAM	50	0	21.86	21.81	21.81		
10	64QAM	1	0	22.01	22.05	21.92	23	2
10	64QAM	1	25	21.94	21.96	21.88		
10	64QAM	1	49	21.92	21.89	21.93		
10	64QAM	25	0	20.87	20.84	20.76	22	3
10	64QAM	25	12	20.87	20.79	20.81		
10	64QAM	25	25	20.77	20.73	20.77		
10	64QAM	50	0	20.87	20.81	20.81		
10	256QAM	1	0	18.71	18.63	18.63	20	5
10	256QAM	1	25	18.71	18.64	18.76		
10	256QAM	1	49	18.52	18.75	18.53		
10	256QAM	25	0	18.57	18.51	18.57		
10	256QAM	25	12	18.55	18.59	18.60		
10	256QAM	25	25	18.67	18.71	18.62		
10	256QAM	50	0	18.83	18.64	18.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.92	23.88	23.80	25	0
5	QPSK	1	12	23.88	23.86	23.81		
5	QPSK	1	24	23.85	23.86	23.84		
5	QPSK	12	0	22.89	22.84	22.82	24	1
5	QPSK	12	7	22.78	22.78	22.80		
5	QPSK	12	13	22.82	22.78	22.74		
5	QPSK	25	0	22.85	22.84	22.80		
5	16QAM	1	0	23.08	23.10	23.00	24	1
5	16QAM	1	12	23.09	23.04	23.00		
5	16QAM	1	24	23.06	23.04	22.93		
5	16QAM	12	0	21.83	21.83	21.84	23	2
5	16QAM	12	7	21.86	21.76	21.78		
5	16QAM	12	13	21.76	21.74	21.74		
5	16QAM	25	0	21.86	21.88	21.82		
5	64QAM	1	0	22.00	21.97	21.91	23	2
5	64QAM	1	12	21.97	21.96	21.97		
5	64QAM	1	24	21.97	21.94	21.97		
5	64QAM	12	0	20.92	20.86	20.81	22	3
5	64QAM	12	7	20.86	20.79	20.82		
5	64QAM	12	13	20.79	20.81	20.74		
5	64QAM	25	0	20.84	20.78	20.78		
5	256QAM	1	0	18.65	18.79	18.75	20	5
5	256QAM	1	12	18.78	18.73	18.75		
5	256QAM	1	24	18.68	18.75	18.61		
5	256QAM	12	0	18.60	18.63	18.51	20	5
5	256QAM	12	7	18.61	18.55	18.55		
5	256QAM	12	13	18.77	18.53	18.51		
5	256QAM	25	0	18.62	18.66	18.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.89	23.80	23.75	25	0
3	QPSK	1	8	23.92	23.76	23.77		
3	QPSK	1	14	23.81	23.75	23.76		
3	QPSK	8	0	22.84	22.84	22.82	24	1
3	QPSK	8	4	22.83	22.77	22.76		
3	QPSK	8	7	22.83	22.76	22.78		
3	QPSK	15	0	22.85	22.78	22.79		
3	16QAM	1	0	23.02	23.03	22.88	24	1
3	16QAM	1	8	23.05	23.00	22.90		
3	16QAM	1	14	23.02	22.98	22.87		
3	16QAM	8	0	21.94	21.91	21.92	23	2
3	16QAM	8	4	21.94	21.94	21.91		
3	16QAM	8	7	21.95	21.86	21.91		
3	16QAM	15	0	21.89	21.82	21.87		
3	64QAM	1	0	21.98	21.95	21.95	23	2
3	64QAM	1	8	21.98	21.98	21.96		
3	64QAM	1	14	21.95	21.94	21.94		
3	64QAM	8	0	20.85	20.86	20.86	22	3
3	64QAM	8	4	20.87	20.79	20.86		
3	64QAM	8	7	20.87	20.84	20.86		
3	64QAM	15	0	20.87	20.79	20.83		
3	256QAM	1	0	18.61	18.69	18.54	20	5
3	256QAM	1	8	18.69	18.74	18.64		
3	256QAM	1	14	18.67	18.51	18.63		
3	256QAM	8	0	18.67	18.76	18.66	20	5
3	256QAM	8	4	18.73	18.69	18.54		
3	256QAM	8	7	18.65	18.61	18.57		
3	256QAM	15	0	18.68	18.76	18.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.78	23.72	23.72	25	0
1.4	QPSK	1	3	23.81	23.77	23.75		
1.4	QPSK	1	5	23.77	23.72	23.75		
1.4	QPSK	3	0	23.51	23.47	23.39		
1.4	QPSK	3	1	23.52	23.77	23.77		
1.4	QPSK	3	3	23.52	23.76	23.78		
1.4	QPSK	6	0	22.85	22.83	22.78	24	1
1.4	16QAM	1	0	23.05	22.97	22.95	24	1
1.4	16QAM	1	3	23.04	22.96	22.93		
1.4	16QAM	1	5	23.02	22.94	22.93		
1.4	16QAM	3	0	22.86	22.86	22.82		
1.4	16QAM	3	3	22.84	22.80	22.80		
1.4	16QAM	3	3	22.83	22.83	22.81		
1.4	16QAM	6	0	22.02	21.92	21.87	23	2
1.4	64QAM	1	0	22.03	22.09	21.98	23	2
1.4	64QAM	1	3	22.03	21.99	21.97		
1.4	64QAM	1	5	22.03	21.96	21.96		
1.4	64QAM	3	0	21.91	21.89	21.90		
1.4	64QAM	3	1	21.90	21.94	21.92		
1.4	64QAM	3	3	21.90	21.86	21.90		
1.4	64QAM	6	0	20.82	20.78	20.76	22	3
1.4	256QAM	1	0	18.80	18.68	18.67	20	5
1.4	256QAM	1	3	18.87	18.82	18.71		
1.4	256QAM	1	5	18.83	18.60	18.77		
1.4	256QAM	3	0	18.77	18.53	18.73		
1.4	256QAM	3	1	18.72	18.83	18.50		
1.4	256QAM	3	3	18.74	18.53	18.74		
1.4	256QAM	6	0	18.94	18.76	18.52	20	5

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25.23	25.32	25.12	25.5	0
20	QPSK	1	49	24.99	25.22	25.13		
20	QPSK	1	99	25.06	25.16	25.14		
20	QPSK	50	0	24.07	24.27	24.15	24.5	1
20	QPSK	50	24	24.05	24.24	24.19		
20	QPSK	50	50	24.01	24.26	24.17		
20	QPSK	100	0	24.09	24.15	24.12		
20	16QAM	1	0	24.25	23.92	24.05	24.5	1
20	16QAM	1	49	24.04	23.94	23.90		
20	16QAM	1	99	24.20	23.89	23.95		
20	16QAM	50	0	23.08	23.24	23.14	23.5	2
20	16QAM	50	24	23.07	23.25	23.16		
20	16QAM	50

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)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.70	25.05	24.65	25.7	0
10	QPSK	1	25	24.76	24.88	24.70		
10	QPSK	1	49	24.80	24.83	24.80		
10	QPSK	25	0	23.81	23.95	23.66	24.7	1
10	QPSK	25	12	23.82	23.83	23.61		
10	QPSK	25	25	23.85	23.92	23.60		
10	QPSK	50	0	23.79	23.92	23.69		
10	16QAM	1	0	23.84	24.22	24.12	24.7	1
10	16QAM	1	25	23.94	24.27	24.02		
10	16QAM	1	49	23.98	24.26	24.06		
10	16QAM	25	0	22.75	22.88	22.61	23.7	2
10	16QAM	25	12	22.78	22.89	22.62		
10	16QAM	25	25	22.74	22.88	22.53		
10	16QAM	50	0	22.80	22.87	22.61		
10	64QAM	1	0	22.94	23.15	22.85	23.7	2
10	64QAM	1	25	22.96	23.11	22.86		
10	64QAM	1	49	23.04	23.13	22.87		
10	64QAM	25	0	21.79	21.88	21.61	22.7	3
10	64QAM	25	12	21.82	21.84	21.66		
10	64QAM	25	25	21.83	21.94	21.57		
10	64QAM	50	0	21.77	21.90	21.66		
10	256QAM	1	0	19.90	20.04	19.66	20.7	5
10	256QAM	1	25	19.98	20.01	19.60		
10	256QAM	1	49	20.05	19.92	19.68		
10	256QAM	25	0	19.90	19.88	19.62	20.7	5
10	256QAM	25	12	19.92	19.87	19.62		
10	256QAM	25	25	19.86	19.89	19.53		
10	256QAM	50	0	19.88	19.88	19.57		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.84	24.91	24.96	25.7	0
5	QPSK	1	12	24.88	24.89	24.85		
5	QPSK	1	24	25.04	24.87	24.82		
5	QPSK	12	0	23.79	23.86	23.87	24.7	1
5	QPSK	12	7	23.78	23.85	23.84		
5	QPSK	12	13	23.78	23.84	23.80		
5	QPSK	25	0	23.77	23.85	23.80		
5	16QAM	1	0	24.28	24.06	24.03	24.7	1
5	16QAM	1	12	24.28	24.13	24.15		
5	16QAM	1	24	24.32	24.03	24.08		
5	16QAM	12	0	22.70	22.85	22.76	23.7	2
5	16QAM	12	7	22.72	22.85	22.73		
5	16QAM	12	13	22.68	22.80	22.69		
5	16QAM	25	0	22.86	22.89	22.75		
5	64QAM	1	0	22.52	22.92	22.87	23.7	2
5	64QAM	1	12	22.63	22.83	22.95		
5	64QAM	1	24	22.63	22.88	22.91		
5	64QAM	12	0	21.74	21.87	21.81	22.7	3
5	64QAM	12	7	21.82	21.85	21.79		
5	64QAM	12	13	21.72	21.84	21.74		
5	64QAM	25	0	21.86	21.87	21.75		
5	256QAM	1	0	20.08	20.02	20.13	20.7	5
5	256QAM	1	12	19.93	20.03	20.02		
5	256QAM	1	24	20.01	20.08	20.08		
5	256QAM	12	0	19.99	20.14	19.94	20.7	5
5	256QAM	12	7	19.90	20.05	20.04		
5	256QAM	12	13	20.07	19.93	19.93		
5	256QAM	25	0	20.02	20.09	20.01		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.63	24.88	24.90	25.7	0
3	QPSK	1	8	24.71	24.92	24.93		
3	QPSK	1	14	24.70	24.90	24.92		
3	QPSK	8	0	23.72	23.84	23.78	24.7	1
3	QPSK	8	4	23.76	23.88	23.82		
3	QPSK	8	7	23.78	23.91	23.88		
3	QPSK	15	0	23.70	23.85	23.89		
3	16QAM	1	0	23.96	24.20	24.31	24.7	1
3	16QAM	1	8	24.12	24.24	24.26		
3	16QAM	1	14	24.06	24.24	24.30		
3	16QAM	8	0	22.65	22.92	22.91	23.7	2
3	16QAM	8	4	22.82	22.87	22.91		
3	16QAM	8	7	22.87	22.95	22.90		
3	16QAM	15	0	22.65	22.82	22.89		
3	64QAM	1	0	23.10	23.17	22.91	23.7	2
3	64QAM	1	8	23.06	23.18	22.89		
3	64QAM	1	14	23.07	23.20	22.88		
3	64QAM	8	0	21.79	21.82	21.78	22.7	3
3	64QAM	8	4	21.80	21.86	21.81		
3	64QAM	8	7	21.79	21.91	21.80		
3	64QAM	15	0	21.75	21.88	21.86		
3	256QAM	1	0	20.04	19.91	20.15	20.7	5
3	256QAM	1	8	19.99	20.12	19.91		
3	256QAM	1	14	20.14	20.10	19.94		
3	256QAM	8	0	19.92	20.05	20.15	20.7	5
3	256QAM	8	4	19.94	20.07	20.14		
3	256QAM	8	7	20.00	19.99	20.11		
3	256QAM	15	0	20.02	19.90	19.96		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.78	24.71	24.49	25.7	0
1.4	QPSK	1	3	24.63	24.70	24.50		
1.4	QPSK	1	5	24.79	24.74	24.59		
1.4	QPSK	3	0	24.74	24.72	24.78		
1.4	QPSK	3	1	24.67	24.80	24.75		
1.4	QPSK	3	3	24.62	24.74	24.75		
1.4	QPSK	6	0	23.75	23.79	23.82	24.7	1
1.4	16QAM	1	0	23.82	23.92	23.59	24.7	1
1.4	16QAM	1	3	23.85	23.95	23.59		
1.4	16QAM	1	5	23.83	23.87	23.59		
1.4	16QAM	3	0	23.74	23.91	23.87		
1.4	16QAM	3	1	23.78	23.92	23.82		
1.4	16QAM	3	3	23.78	23.86	23.82		
1.4	16QAM	6	0	22.75	22.78	22.73	23.7	2
1.4	64QAM	1	0	23.00	23.13	23.07	23.7	2
1.4	64QAM	1	3	22.99	23.08	23.04		
1.4	64QAM	1	5	22.96	23.05	23.04		
1.4	64QAM	3	0	22.91	23.05	22.96		
1.4	64QAM	3	1	22.90	23.04	22.97		
1.4	64QAM	3	3	22.89	23.00	22.99		
1.4	64QAM	6	0	21.66	21.75	21.79	22.7	3
1.4	256QAM	1	0	20.07	19.99	20.10	20.7	5
1.4	256QAM	1	3	20.13	20.15	19.99		
1.4	256QAM	1	5	19.93	19.90	20.14		
1.4	256QAM	3	0	20.15	19.98	19.96		
1.4	256QAM	3	1	20.03	20.08	20.13		
1.4	256QAM	3	3	20.02	20.00	20.02		
1.4	256QAM	6	0	19.92	20.06	19.93	20.7	5

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)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.09	21.22	20.76	22.2	0
10	QPSK	1	25	20.97	20.95	20.72		
10	QPSK	1	49	21.08	21.01	20.73		
10	QPSK	25	0	21.04	21.10	20.88	22.2	0
10	QPSK	25	12	20.92	20.99	20.71		
10	QPSK	25	25	20.80	20.90	20.82		
10	QPSK	50	0	20.95	21.08	20.87		
10	16QAM	1	0	20.92	21.05	20.80	22.2	0
10	16QAM	1	25	21.08	21.11	21.06		
10	16QAM	1	49	20.54	20.95	20.92		
10	16QAM	25	0	20.92	21.05	20.83	22.2	0
10	16QAM	25	12	21.04	21.10	20.95		
10	16QAM	25	25	21.06	20.93	20.87		
10	16QAM	50	0	20.97	21.09	20.89		
10	64QAM	1	0	21.05	21.16	21.10	22.2	0
10	64QAM	1	25	21.12	21.12	20.73		
10	64QAM	1	49	21.12	21.02	20.87		
10	64QAM	25	0	21.04	21.08	20.93	22.2	0
10	64QAM	25	12	21.13	21.00	20.80		
10	64QAM	25	25	21.02	20.93	20.85		
10	64QAM	50	0	21.04	21.05	20.86		
10	256QAM	1	0	19.71	19.82	19.52	20.7	1.5
10	256QAM	1	25	19.71	19.75	19.50		
10	256QAM	1	49	19.81	19.77	19.42		
10	256QAM	25	0	19.54	19.62	19.47	20.7	1.5
10	256QAM	25	12	19.68	19.66	19.34		
10	256QAM	25	25	19.67	19.54	19.40		
10	256QAM	50	0	19.69	19.60	19.53		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.01	21.13	20.65	22.2	0
5	QPSK	1	12	20.95	20.91	20.66		
5	QPSK	1	24	21.00	20.92	20.70		
5	QPSK	12	0	20.96	21.04	20.79	22.2	0
5	QPSK	12	7	20.91	20.88	20.63		
5	QPSK	12	13	20.79	20.83	20.77		
5	QPSK	25	0	20.88	21.06	20.78		
5	16QAM	1	0	20.89	21.03	20.74	22.2	0
5	16QAM	1	12	20.97	21.07	20.99		
5	16QAM	1	24	20.50	20.84	20.83		
5	16QAM	12	0	20.81	21.04	20.76	22.2	0
5	16QAM	12	7	20.94	21.03	20.86		
5	16QAM	12	13	20.99	20.83	20.82		
5	16QAM	25	0	20.92	21.05	20.81		
5	64QAM	1	0	20.95	21.10	21.03	22.2	0
5	64QAM	1	12	21.05	21.16	20.69		
5	64QAM	1	24	21.20	20.95	20.85		
5	64QAM	12	0	21.02	20.99	20.88	22.2	0
5	64QAM	12	7	21.04	20.90	20.77		
5	64QAM	12	13	20.97	20.84	20.84		
5	64QAM	25	0	21.03	20.94	20.81		
5	256QAM	1	0	19.63	19.80	19.44	20.7	1.5
5	256QAM	1	12	19.62	19.66	19.45		
5	256QAM	1	24	19.75	19.73	19.34		
5	256QAM	12	0	19.53	19.52	19.40	20.7	1.5
5	256QAM	12	7	19.62	19.60	19.28		
5	256QAM	12	13	19.64	19.52	19.39		
5	256QAM	25	0	19.65	19.51	19.47		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.00	21.14	20.74	22.2	0
3	QPSK	1	8	20.87	20.90	20.61		
3	QPSK	1	14	21.07	20.90	20.66		
3	QPSK	8	0	20.94	21.00	20.86	22.2	0
3	QPSK	8	4	20.89	20.95	20.64		
3	QPSK	8	7	20.75	20.79	20.78		
3	QPSK	15	0	20.91	21.00	20.79		
3	16QAM	1	0	20.91	21.02	20.77	22.2	0
3	16QAM	1	8	21.01	21.08	21.04		
3	16QAM	1	14	20.53	20.92	20.90		
3	16QAM	8	0	20.89	20.97	20.82	22.2	0
3	16QAM	8	4	20.98	21.08	20.86		
3	16QAM	8	7	21.05	20.84	20.84		
3	16QAM	15	0	20.94	20.99	20.86		
3	64QAM	1	0	20.99	21.19	21.06	22.2	0
3	64QAM	1	8	21.08	21.27	20.68		
3	64QAM	1	14	21.16	20.92	20.84		
3	64QAM	8	0	21.00	21.00	20.82	22.2	0
3	64QAM	8	4	21.08	20.99	20.76		
3	64QAM	8	7	20.94	20.90	20.75		
3	64QAM	15	0	20.94	21.04	20.76		
3	256QAM	1	0	19.62	19.75	19.51	20.7	1.5
3	256QAM	1	8	19.65	19.67	19.47		
3	256QAM	1	14	19.73	19.70	19.34		
3	256QAM	8	0	19.49	19.53	19.44	20.7	1.5
3	256QAM	8	4	19.63	19.62	19.29		
3	256QAM	8	7	19.64	19.44	19.31		
3	256QAM	15	0	19.59	19.59	19.45		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.04	21.17	20.70	22.2	0
1.4	QPSK	1	3	20.91	20.86	20.63		
1.4	QPSK	1	5	20.97	20.97	20.68		
1.4	QPSK	3	0	20.96	21.04	20.84		
1.4	QPSK	3	1	20.85	20.89	20.70		
1.4	QPSK	3	3	20.71	20.84	20.81		
1.4	QPSK	6	0	20.92	21.01	20.79	22.2	0
1.4	16QAM	1	0	20.83	20.95	20.74	22.2	0
1.4	16QAM	1	3	21.02	21.06	21.01		
1.4	16QAM	1	5	20.43	20.89	20.83		
1.4	16QAM	3	0	20.87	20.99	20.76		
1.4	16QAM	3	1	20.98	20.99	20.88		
1.4	16QAM	3	3	20.98	20.88	20.78		
1.4	16QAM	6	0	20.95	21.03	20.87	22.2	0
1.4	64QAM	1	0	21.04	21.15	21.08	22.2	0
1.4	64QAM	1	3	21.02	21.27	20.72		
1.4	64QAM	1	5	21.14	20.99	20.77		
1.4	64QAM	3	0	21.02	20.97	20.83		
1.4	64QAM	3	1	21.03	20.95	20.79		
1.4	64QAM	3	3	20.92	20.90	20.75		
1.4	64QAM	6	0	21.03	21.03	20.83	22.2	0
1.4	256QAM	1	0	19.60	19.77	19.43	20.7	1.5
1.4	256QAM	1	3	19.67	19.66	19.42		
1.4	256QAM	1	5	19.74	19.74	19.38		
1.4	256QAM	3	0	19.53	19.61	19.39		
1.4	256QAM	3	1	19.60	19.65	19.24		
1.4	256QAM	3	3	19.57	19.43	19.36		
1.4	256QAM	6	0	19.63	19.57	19.42	20.7	1.5

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.74	22.08	21.92	23	0
20	QPSK	1	49	21.72	21.89	21.87		
20	QPSK	1	99	21.74	21.77	21.80		
20	QPSK	50	0	20.85	21.10	20.84	22	1
20	QPSK	50	24	20.80	20.97	20.75		
20	QPSK	50	50	20.79	20.87	20.71		
20	QPSK	100	0	20.81	20.93	20.83		
20	16QAM	1	0	20.83	21.02	21.32	22	1
20	16QAM	1	49	20.87	21.10	21.29		
20	16QAM	1	99	20.97	21.13	20.67		
20	16QAM	50	0	19.66	19.92	19.85	21	2
20	16QAM	50	24	19.73	19.92	19.89		
20	16QAM	50	50	19.81	20.04	19.79		
20	16QAM	100	0	19.74	19.96	19.77		
20	64QAM	1	0	19.97	20.15	19.57	21	2
20	64QAM	1	49	19.99	20.22	20.05		
20	64QAM	1	99	20.08	20.26	19.77		
20	64QAM	50	0	18.74	18.92	18.86	20	3
20	64QAM	50	24	18.81	18.98	18.90		
20	64QAM	50	50	18.85	19.01	18.83		
20	64QAM	100	0	18.79	18.95	18.81		
20	256QAM	1	0	17.25	17.19	17.18	18	5
20	256QAM	1	49	17.21	17.17	17.20		
20	256QAM	1	99	17.13	17.07	17.14		
20	256QAM	50	0	17.07	17.06	17.10	18	5
20	256QAM	50	24	17.16	17.07	17.11		
20	256QAM	50	50	17.10	17.04	17.03		
20	256QAM	100	0	17.10	17.05	17.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.85	21.96	21.97	23	0
15	QPSK	1	37	21.87	22.04	21.92		
15	QPSK	1	74	21.94	22.05	21.97		
15	QPSK	36	0	20.68	20.81	20.83	22	1
15	QPSK	36	20	20.70	20.88	20.84		
15	QPSK	36	39	20.72	20.93	20.79		
15	QPSK	75	0	20.74	20.89	20.83		
15	16QAM	1	0	21.27	21.09	21.11	22	1
15	16QAM	1	37	21.28	21.19	21.11		
15	16QAM	1	74	21.35	21.15	21.34		
15	16QAM	36	0	19.80	19.88	19.82	21	2
15	16QAM	36	20	19.81	19.94	19.82		
15	16QAM	36	39	19.75	19.92	19.79		
15	16QAM	75	0	19.81	19.99	19.79		
15	64QAM	1	0	19.52	19.92	19.86	21	2
15	64QAM	1	37	19.55	20.05	20.00		
15	64QAM	1	74	19.63	20.02	19.52		
15	64QAM	36	0	18.86	18.94	18.88	20	3
15	64QAM	36	20	18.83	18.90	18.84		
15	64QAM	36	39	18.88	19.03	18.86		
15	64QAM	75	0	18.72	18.89	18.80		
15	256QAM	1	0	17.02	17.28	16.94	18	5
15	256QAM	1	37	17.09	17.25	17.26		
15	256QAM	1	74	17.02	17.12	17.27		
15	256QAM	36	0	17.03	17.24	17.03	18	5
15	256QAM	36	20	17.00	17.02	16.96		
15	256QAM	36	39	17.17	16.92	17.19		
15	256QAM	75	0	16.90	17.13	17.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.63	21.93	21.81	23	0
10	QPSK	1	25	21.73	22.02	21.86		
10	QPSK	1	49	21.65	22.07	21.87		
10	QPSK	25	0	20.71	20.88	20.85	22	1
10	QPSK	25	12	20.76	20.88	20.82		
10	QPSK	25	25	20.73	20.95	20.51		
10	QPSK	50	0	20.78	20.98	20.84		
10	16QAM	1	0	20.93	21.31	21.35	22	1
10	16QAM	1	25	20.95	21.40	21.26		
10	16QAM	1	49	21.12	21.43	21.45		
10	16QAM	25	0	19.62	19.88	19.81	21	2
10	16QAM	25	12	19.68	19.82	19.82		
10	16QAM	25	25	19.71	19.90	19.68		
10	16QAM	50	0	19.66	19.86	19.80		
10	64QAM	1	0	20.00	20.20	19.96	21	2
10	64QAM	1	25	20.07	20.27	19.93		
10	64QAM	1	49	20.07	20.30	19.95		
10	64QAM	25	0	18.69	18.90	18.88	20	3
10	64QAM	25	12	18.73	18.97	18.88		
10	64QAM	25	25	18.72	18.96	18.77		
10	64QAM	50	0	18.74	18.92	18.79		
10	256QAM	1	0	17.23	17.34	17.33	18	5
10	256QAM	1	25	17.17	17.04	17.14		
10	256QAM	1	49	17.09	17.24	17.20		
10	256QAM	25	0	17.12	17.25	17.34	18	5
10	256QAM	25	12	17.19	17.35	17.31		
10	256QAM	25	25	17.19	16.95	16.92		
10	256QAM	50	0	17.32	17.26	17.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.82	22.06	21.77	23	0
5	QPSK	1	12	21.88	22.00	21.59		
5	QPSK	1	24	21.83	22.07	22.04		
5	QPSK	12	0	20.73	20.89	20.82	22	1
5	QPSK	12	7	20.72	20.90	20.73		
5	QPSK	12	13	20.81	20.91	20.47		
5	QPSK	25	0	20.71	20.95	20.65		
5	16QAM	1	0	20.82	21.13	20.66	22	1
5	16QAM	1	12	20.85	21.14	20.71		
5	16QAM	1	24	20.83	20.91	20.81		
5	16QAM	12	0	19.80	19.98	19.81	21	2
5	16QAM	12	7	19.79	20.01	19.88		
5	16QAM	12	13	19.83	19.97	19.59		
5	16QAM	25	0	19.82	19.93	19.80		
5	64QAM	1	0	19.95	20.27	19.80	21	2
5	64QAM	1	12	20.02	20.29	19.73		
5	64QAM	1	24	20.01	20.28	19.88		
5	64QAM	12	0	18.75	19.06	18.79	20	3
5	64QAM	12	7	18.86	19.04	18.82		
5	64QAM	12	13	18.86	19.01	18.81		
5	64QAM	25	0	18.79	18.90	18.82		
5	256QAM	1	0	16.98	16.97	17.09	18	5
5	256QAM	1	12	17.11	17.14	17.05		
5	256QAM	1	24	17.14	16.92	17.11		
5	256QAM	12	0	17.26	17.04	16.98	18	5
5	256QAM	12	7	17.10	17.30	17.11		
5	256QAM	12	13	17.06	17.08	17.24		
5	256QAM	25	0	17.23	17.19	17.21		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.03	24.19	24.11	25	0
20	QPSK	1	49	23.85	24.07	24.04		
20	QPSK	1	99	23.80	23.97	23.97		
20	QPSK	50	0	23.10	23.18	23.14	24	1
20	QPSK	50	24	22.97	23.10	23.07		
20	QPSK	50	50	22.94	23.06	23.05		
20	QPSK	100	0	22.99	23.15	23.13		
20	16QAM	1	0	23.18	23.01	23.15	24	1
20	16QAM	1	49	23.28	23.27	23.31		
20	16QAM	1	99	23.30	23.35	23.16		
20	16QAM	50	0	21.69	22.05	22.05	23	2
20	16QAM	50	24	21.89	22.12	22.10		
20	16QAM	50	50	22.01	22.19	22.17		
20	16QAM	100	0	21.76	22.12	22.02		
20	64QAM	1	0	21.51	21.96	22.00	23	2
20	64QAM	1	49	21.53	22.10	22.08		
20	64QAM	1	99	21.70	22.17	21.88		
20	64QAM	50	0	20.76	21.01	21.08	22	3
20	64QAM	50	24	20.81	21.07	21.13		
20	64QAM	50	50	20.97	21.24	21.12		
20	64QAM	100	0	20.76	21.07	21.08		
20	256QAM	1	0	19.23	19.14	19.25	20	5
20	256QAM	1	49	19.28	19.10	19.10		
20	256QAM	1	99	19.18	19.03	19.14		
20	256QAM	50	0	19.04	19.05	19.10	20	5
20	256QAM	50	24	19.09	19.04	19.01		
20	256QAM	50	50	19.17	19.09	19.06		
20	256QAM	100	0	19.09	19.01	19.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.96	24.04	23.95	25	0
15	QPSK	1	37	23.96	24.11	24.07		
15	QPSK	1	74	24.05	24.18	24.10		
15	QPSK	36	0	22.67	22.96	23.01	24	1
15	QPSK	36	20	22.76	23.04	23.09		
15	QPSK	36	39	22.81	23.13	23.13		
15	QPSK	75	0	22.73	23.02	23.05		
15	16QAM	1	0	23.03	23.40	23.08	24	1
15	16QAM	1	37	23.13	23.56	23.23		
15	16QAM	1	74	23.13	23.58	23.17		
15	16QAM	36	0	21.78	21.97	22.13	23	2
15	16QAM	36	20	21.77	22.04	22.07		
15	16QAM	36	39	21.76	22.14	22.14		
15	16QAM	75	0	21.70	21.97	21.99		
15	64QAM	1	0	21.81	22.07	22.22	23	2
15	64QAM	1	37	21.89	22.22	22.32		
15	64QAM	1	74	21.90	22.22	22.01		
15	64QAM	36	0	20.77	21.00	21.07	22	3
15	64QAM	36	20	20.83	21.08	21.12		
15	64QAM	36	39	20.82	21.19	21.15		
15	64QAM	75	0	20.80	20.98	21.07		
15	256QAM	1	0	19.34	19.28	18.93	20	5
15	256QAM	1	37	19.15	19.18	19.25		
15	256QAM	1	74	19.00	19.09	19.00		
15	256QAM	36	0	19.17	19.16	19.23	20	5
15	256QAM	36	20	19.05	19.05	19.00		
15	256QAM	36	39	19.45	19.41	19.35		
15	256QAM	75	0	19.24	18.94	19.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.64	23.94	24.13	25	0
10	QPSK	1	25	23.69	24.04	23.99		
10	QPSK	1	49	23.65	23.99	24.05		
10	QPSK	25	0	22.70	22.90	23.10	24	1
10	QPSK	25	12	22.68	23.00	23.17		
10	QPSK	25	25	22.78	23.10	22.79		
10	QPSK	50	0	22.79	23.07	23.06		
10	16QAM	1	0	23.13	23.07	23.41	24	1
10	16QAM	1	25	23.17	23.52	23.43		
10	16QAM	1	49	23.02	23.23	23.20		
10	16QAM	25	0	21.59	21.84	22.07	23	2
10	16QAM	25	12	21.67	21.97	22.16		
10	16QAM	25	25	21.74	22.02	22.00		
10	16QAM	50	0	21.70	22.02	22.03		
10	64QAM	1	0	21.88	22.19	22.26	23	2
10	64QAM	1	25	21.92	22.20	22.30		
10	64QAM	1	49	21.93	22.29	21.84		
10	64QAM	25	0	20.69	21.08	21.11	22	3
10	64QAM	25	12	20.74	21.11	21.12		
10	64QAM	25	25	20.79	21.16	21.18		
10	64QAM	50	0	20.77	21.02	21.05		
10	256QAM	1	0	18.94	19.10	18.98	20	5
10	256QAM	1	25	19.16	19.01	19.04		
10	256QAM	1	49	19.42	18.99	19.40		
10	256QAM	25	0	19.32	19.45	19.11	20	5
10	256QAM	25	12	19.02	19.16	19.09		
10	256QAM	25	25	19.12	19.45	18.99		
10	256QAM	50	0	19.33	19.41	18.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.73	24.04	23.88	25	0
5	QPSK	1	12	23.83	24.05	23.48		
5	QPSK	1	24	23.86	24.09	23.89		
5	QPSK	12	0	22.67	22.95	23.01	24	1
5	QPSK	12	7	22.68	23.00	22.77		
5	QPSK	12	13	22.75	23.04	22.52		
5	QPSK	25	0	22.67	23.00	22.68		
5	16QAM	1	0	23.08	23.17	23.13	24	1
5	16QAM	1	12	23.15	23.27	22.89		
5	16QAM	1	24	22.88	23.30	22.91		
5	16QAM	12	0	21.61	21.96	22.02	23	2
5	16QAM	12	7	21.68	22.05	21.93		
5	16QAM	12	13	21.72	22.01	21.68		
5	16QAM	25	0	21.75	22.10	21.87		
5	64QAM	1	0	21.67	22.12	22.09	23	2
5	64QAM	1	12	21.75	22.17	22.11		
5	64QAM	1	24	21.76	22.13	21.52		
5	64QAM	12	0	20.74	21.06	21.08	22	3
5	64QAM	12	7	20.74	21.07	21.15		
5	64QAM	12	13	20.79	21.08	21.12		
5	64QAM	25	0	20.73	21.06	21.08		
5	256QAM	1	0	19.11	19.06	19.24	20	5
5	256QAM	1	12	18.90	19.34	19.29		
5	256QAM	1	24	19.01	19.11	19.37		
5	256QAM	12	0	18.97	19.38	19.43	20	5
5	256QAM	12	7	18.97	19.17	19.09		
5	256QAM	12	13	18.94	19.27	19.45		
5	256QAM	25	0	19.07	19.34	19.06		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.06	22.10	21.98	23.2	0
20	QPSK	1	49	22.06	22.08	21.96		
20	QPSK	1	99	21.98	22.01	21.86		
20	QPSK	50	0	21.95	22.05	21.83	23.2	0
20	QPSK	50	24	21.94	21.95	21.78		
20	QPSK	50	50	21.90	21.97	21.82		
20	QPSK	100	0	21.94	21.96	21.80		
20	16QAM	1	0	21.90	21.95	21.85	23.2	0
20	16QAM	1	49	21.88	21.93	21.83		
20	16QAM	1	99	21.87	21.94	21.78		
20	16QAM	50	0	21.90	21.95	21.81	23.2	0
20	16QAM	50	24	21.85	21.89	21.77		
20	16QAM	50	50	21.83	21.97	21.84		
20	16QAM	100	0	21.79	21.84	21.70		
20	64QAM	1	0	21.80	21.86	21.75	23.2	0
20	64QAM	1	49	21.88	21.89	21.73		
20	64QAM	1	99	21.87	21.93	21.79		
20	64QAM	50	0	21.40	21.44	21.33	22.7	0.5
20	64QAM	50	24	21.43	21.43	21.27		
20	64QAM	50	50	21.38	21.40	21.29		
20	64QAM	100	0	21.32	21.38	21.26		
20	256QAM	1	0	19.39	19.41	19.31	20.7	2.5
20	256QAM	1	49	19.36	19.40	19.29		
20	256QAM	1	99	19.34	19.38	19.26		
20	256QAM	50	0	19.36	19.42	19.26	20.7	2.5
20	256QAM	50	24	19.29	19.33	19.20		
20	256QAM	50	50	19.30	19.37	19.20		
20	256QAM	100	0	19.31	19.31	19.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.05	22.04	21.95	23.2	0
15	QPSK	1	37	22.03	22.01	21.91		
15	QPSK	1	74	21.98	21.97	21.85		
15	QPSK	36	0	21.94	21.98	21.77	23.2	0
15	QPSK	36	20	21.93	21.91	21.78		
15	QPSK	36	39	21.84	21.94	21.82		
15	QPSK	75	0	21.90	21.90	21.76		
15	16QAM	1	0	21.84	21.93	21.80	23.2	0
15	16QAM	1	37	21.84	21.87	21.83		
15	16QAM	1	74	21.84	21.88	21.78		
15	16QAM	36	0	21.88	21.94	21.77	23.2	0
15	16QAM	36	20	21.82	21.89	21.73		
15	16QAM	36	39	21.91	21.96	21.81		
15	16QAM	75	0	21.78	21.82	21.63		
15	64QAM	1	0	21.78	21.81	21.72	23.2	0
15	64QAM	1	37	21.87	21.87	21.69		
15	64QAM	1	74	21.83	21.88	21.77		
15	64QAM	36	0	21.38	21.43	21.26	22.7	0.5
15	64QAM	36	20	21.42	21.42	21.21		
15	64QAM	36	39	21.36	21.35	21.25		
15	64QAM	75	0	21.29	21.38	21.24		
15	256QAM	1	0	19.39	19.36	19.31	20.7	2.5
15	256QAM	1	37	19.33	19.35	19.23		
15	256QAM	1	74	19.32	19.38	19.22		
15	256QAM	36	0	19.34	19.38	19.25	20.7	2.5
15	256QAM	36	20	19.23	19.28	19.19		
15	256QAM	36	39	19.29	19.34	19.18		
15	256QAM	75	0	19.25	19.29	19.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.95	21.93	21.82	23.2	0
10	QPSK	1	25	21.93	21.91	21.79		
10	QPSK	1	49	21.83	21.90	21.75		
10	QPSK	25	0	21.78	21.85	21.69	23.2	0
10	QPSK	25	12	21.81	21.80	21.66		
10	QPSK	25	25	21.77	21.82	21.72		
10	QPSK	50	0	21.77	21.85	21.70		
10	16QAM	1	0	21.73	21.78	21.75	23.2	0
10	16QAM	1	25	21.78	21.81	21.72		
10	16QAM	1	49	21.70	21.83	21.63		
10	16QAM	25	0	21.79	21.82	21.67	23.2	0
10	16QAM	25	12	21.72	21.79	21.62		
10	16QAM	25	25	21.80	21.80	21.70		
10	16QAM	50	0	21.62	21.72	21.54		
10	64QAM	1	0	21.65	21.76	21.63	23.2	0
10	64QAM	1	25	21.73	21.76	21.60		
10	64QAM	1	49	21.73	21.79	21.64		
10	64QAM	25	0	21.29	21.32	21.20	22.7	0.5
10	64QAM	25	12	21.29	21.28	21.10		
10	64QAM	25	25	21.25	21.23	21.15		
10	64QAM	50	0	21.19	21.28	21.17		
10	256QAM	1	0	19.25	19.26	19.19	20.7	2.5
10	256QAM	1	25	19.25	19.28	19.18		
10	256QAM	1	49	19.19	19.27	19.09		
10	256QAM	25	0	19.21	19.28	19.12	20.7	2.5
10	256QAM	25	12	19.18	19.22	19.04		
10	256QAM	25	25	19.16	19.21	19.04		
10	256QAM	50	0	19.16	19.14	19.06		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.06	22.09	21.94	23.2	0
5	QPSK	1	12	21.99	22.08	21.90		
5	QPSK	1	24	21.92	21.97	21.80		
5	QPSK	12	0	21.91	21.95	21.77	23.2	0
5	QPSK	12	7	21.83	21.88	21.78		
5	QPSK	12	13	21.85	21.93	21.79		
5	QPSK	25	0	21.92	21.89	21.76		
5	16QAM	1	0	21.89	21.92	21.83	23.2	0
5	16QAM	1	12	21.82	21.92	21.80		
5	16QAM	1	24	21.85	21.87	21.76		
5	16QAM	12	0	21.83	21.89	21.80	23.2	0
5	16QAM	12	7	21.85	21.89	21.74		
5	16QAM	12	13	21.82	21.91	21.82		
5	16QAM	25	0	21.77	21.77	21.63		
5	64QAM	1	0	21.79	21.86	21.73	23.2	0
5	64QAM	1	12	21.82	21.82	21.72		
5	64QAM	1	24	21.85	21.93	21.77		
5	64QAM	12	0	21.34	21.43	21.32	22.7	0.5
5	64QAM	12	7	21.41	21.41	21.21		
5	64QAM	12	13	21.33	21.33	21.26		
5	64QAM	25	0	21.26	21.38	21.21		
5	256QAM	1	0	19.32	19.36	19.25	20.7	2.5
5	256QAM	1	12	19.33	19.38	19.28		
5	256QAM	1	24	19.29	19.36	19.22		
5	256QAM	12	0	19.35	19.37	19.20	20.7	2.5
5	256QAM	12	7	19.28	19.31	19.19		
5	256QAM	12	13	19.27	19.32	19.19		
5	256QAM	25	0	19.30	19.24	19.16		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.35	21.72	21.33	23	0
20	QPSK	1	49	21.25	21.26	21.21		
20	QPSK	1	99	21.31	21.31	21.24		
20	QPSK	50	0	21.29	21.31	21.30	23	0
20	QPSK	50	24	21.28	21.29	21.22		
20	QPSK	50	50	21.20	21.24	21.18		
20	QPSK	100	0	21.18	21.23	21.18		
20	16QAM	1	0	21.28	21.31	21.28	23	0
20	16QAM	1	49	21.30	21.33	21.31		
20	16QAM	1	99	21.24	21.28	21.26		
20	16QAM	50	0	20.62	20.67	20.63	22.5	0.5
20	16QAM	50	24	20.73	20.76	20.72		
20	16QAM	50	50	20.68	20.73	20.67		
20	16QAM	100	0	20.66	20.68	20.66		
20	64QAM	1	0	20.63	20.67	20.65	22.5	0.5
20	64QAM	1	49	20.93	20.94	20.88		
20	64QAM	1	99	20.86	20.89	20.86		
20	64QAM	50	0	19.67	19.71	19.67	21.5	1.5
20	64QAM	50	24	19.64	19.68	19.67		
20	64QAM	50	50	19.72	19.72	19.65		
20	64QAM	100	0	19.63	19.65	19.58		
20	256QAM	1	0	17.51	17.53	17.50	19.5	3.5
20	256QAM	1	49	17.58	17.60	17.56		
20	256QAM	1	99	17.51	17.57	17.55		
20	256QAM	50	0	17.60	17.66	17.60	19.5	3.5
20	256QAM	50	24	17.57	17.62	17.60		
20	256QAM	50	50	17.59	17.61	17.55		
20	256QAM	100	0	17.69	17.75	17.74		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.28	21.27	21.31	23	0
15	QPSK	1	37	21.20	21.19	21.15		
15	QPSK	1	74	21.29	21.31	21.24		
15	QPSK	36	0	21.25	21.27	21.24	23	0
15	QPSK	36	20	21.21	21.25	21.18		
15	QPSK	36	39	21.16	21.17	21.15		
15	QPSK	75	0	21.11	21.16	21.18		
15	16QAM	1	0	21.28	21.29	21.21	23	0
15	16QAM	1	37	21.30	21.30	21.26		
15	16QAM	1	74	21.21	21.25	21.22		
15	16QAM	36	0	20.55	20.67	20.58	22.5	0.5
15	16QAM	36	20	20.69	20.74	20.65		
15	16QAM	36	39	20.67	20.72	20.66		
15	16QAM	75	0	20.65	20.64	20.66		
15	64QAM	1	0	20.82	20.85	20.81	22.5	0.5
15	64QAM	1	37	20.92	20.92	20.81		
15	64QAM	1	74	20.82	20.88	20.80		
15	64QAM	36	0	19.61	19.71	19.63	21.5	1.5
15	64QAM	36	20	19.61	19.64	19.64		
15	64QAM	36	39	19.71	19.72	19.62		
15	64QAM	75	0	19.61	19.61	19.51		
15	256QAM	1	0	17.51	17.53	17.52	19.5	3.5
15	256QAM	1	37	17.51	17.54	17.56		
15	256QAM	1	74	17.51	17.51	17.53		
15	256QAM	36	0	17.57	17.62	17.56	19.5	3.5
15	256QAM	36	20	17.52	17.58	17.60		
15	256QAM	36	39	17.52	17.56	17.52		
15	256QAM	75	0	17.63	17.73	17.74		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.35	21.41	21.38	23	0
10	QPSK	1	25	21.35	21.30	21.31		
10	QPSK	1	49	21.37	21.38	21.28		
10	QPSK	25	0	21.28	21.34	21.37	23	0
10	QPSK	25	12	21.36	21.34	21.25		
10	QPSK	25	25	21.27	21.27	21.27		
10	QPSK	50	0	21.28	21.28	21.21		
10	16QAM	1	0	21.34	21.34	21.33	23	0
10	16QAM	1	25	21.33	21.40	21.36		
10	16QAM	1	49	21.29	21.36	21.33		
10	16QAM	25	0	20.65	20.73	20.71	22.5	0.5
10	16QAM	25	12	20.81	20.84	20.75		
10	16QAM	25	25	20.76	20.76	20.75		
10	16QAM	50	0	20.72	20.76	20.75		
10	64QAM	1	0	20.93	20.95	20.95	22.5	0.5
10	64QAM	1	25	21.02	20.98	20.96		
10	64QAM	1	49	20.93	20.92	20.89		
10	64QAM	25	0	19.70	19.76	19.70	21.5	1.5
10	64QAM	25	12	19.74	19.76	19.74		
10	64QAM	25	25	19.80	19.82	19.75		
10	64QAM	50	0	19.68	19.73	19.64		
10	256QAM	1	0	17.61	17.57	17.54	19.5	3.5
10	256QAM	1	25	17.62	17.63	17.62		
10	256QAM	1	49	17.58	17.65	17.64		
10	256QAM	25	0	17.69	17.69	17.69	19.5	3.5
10	256QAM	25	12	17.65	17.67	17.70		
10	256QAM	25	25	17.66	17.65	17.62		
10	256QAM	50	0	17.74	17.80	17.81		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.24	21.29	21.32	23	0
5	QPSK	1	12	21.25	21.22	21.20		
5	QPSK	1	24	21.24	21.29	21.21		
5	QPSK	12	0	21.25	21.29	21.27	23	0
5	QPSK	12	7	21.21	21.28	21.20		
5	QPSK	12	13	21.16	21.17	21.17		
5	QPSK	25	0	21.15	21.19	21.18		
5	16QAM	1	0	21.28	21.27	21.21	23	0
5	16QAM	1	12	21.24	21.32	21.31		
5	16QAM	1	24	21.19	21.23	21.21		
5	16QAM	12	0	20.61	20.64	20.61	22.5	0.5
5	16QAM	12	7	20.66	20.69	20.66		
5	16QAM	12	13	20.65	20.70	20.60		
5	16QAM	25	0	20.62	20.64	20.59		
5	64QAM	1	0	20.80	20.81	20.78	22.5	0.5
5	64QAM	1	12	20.86	20.85	20.84		
5	64QAM	1	24	20.81	20.84	20.83		
5	64QAM	12	0	19.67	19.64	19.62	21.5	1.5
5	64QAM	12	7	19.57	19.63	19.62		
5	64QAM	12	13	19.67	19.66	19.58		
5	64QAM	25	0	19.59	19.62	19.53		
5	256QAM	1	0	17.52	17.55	17.56	19.5	3.5
5	256QAM	1	12	17.53	17.57	17.56		
5	256QAM	1	24	17.4.52	17.57	17.51		
5	256QAM	12	0	17.53	17.63	17.59	19.5	3.5
5	256QAM	12	7	17.55	17.59	17.57		
5	256QAM	12	13	17.55	17.55	17.51		
5	256QAM	25	0	17.63	17.72	17.68		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.81	22.54	22.46	24	0
20	QPSK	1	49	22.83	22.52	22.45		
20	QPSK	1	99	22.89	22.46	22.47		
20	QPSK	50	0	21.64	21.31	21.32	23	1
20	QPSK	50	24	21.63	21.24	21.26		
20	QPSK	50	50	21.54	21.23	21.26		
20	QPSK	100	0	21.55	21.29	21.28		
20	16QAM	1	0	21.64	21.37	21.26	23	1
20	16QAM	1	49	21.62	21.27	21.33		
20	16QAM	1	99	21.54	21.25	21.30		
20	16QAM	50	0	20.61	20.33	20.30	22	2
20	16QAM	50	24	20.59	20.25	20.31		
20	16QAM	50	50	20.56	20.22	20.28		
20	16QAM	100	0	20.56	20.24	20.31		
20	64QAM	1	0	20.32	20.03	20.07	22	2
20	64QAM	1	49	20.29	20.02	20.05		
20	64QAM	1	99	20.26	20.01	20.02		
20	64QAM	50	0	19.59	19.31	19.34	21	3
20	64QAM	50	24	19.61	19.26	19.36		
20	64QAM	50	50	19.56	19.25	19.28		
20	64QAM	100	0	19.62	19.29	19.26		
20	256QAM	1	0	17.24	17.34	17.09	19	5
20	256QAM	1	49	17.27	17.24	17.31		
20	256QAM	1	99	17.19	17.19	17.24		
20	256QAM	50	0	17.35	17.09	17.33	19	5
20	256QAM	50	24	17.14	17.23	17.30		
20	256QAM	50	50	17.22	17.20	17.22		
20	256QAM	100	0	17.30	17.30	17.20		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.77	22.36	22.36	24	0
15	QPSK	1	37	22.78	22.37	22.33		
15	QPSK	1	74	22.70	22.39	22.36		
15	QPSK	36	0	21.73	21.32	21.23	23	1
15	QPSK	36	20	21.69	21.25	21.29		
15	QPSK	36	39	21.68	21.24	21.24		
15	QPSK	75	0	21.71	21.27	21.25		
15	16QAM	1	0	21.72	21.33	21.29	23	1
15	16QAM	1	37	21.79	21.35	21.31		
15	16QAM	1	74	21.69	21.23	21.38		
15	16QAM	36	0	20.71	20.23	20.27	22	2
15	16QAM	36	20	20.59	20.18	20.25		
15	16QAM	36	39	20.60	20.17	20.25		
15	16QAM	75	0	20.69	20.28	20.30		
15	64QAM	1	0	20.53	20.11	20.09	22	2
15	64QAM	1	37	20.52	20.01	20.02		
15	64QAM	1	74	20.52	20.06	20.02		
15	64QAM	36	0	19.73	19.33	19.27	21	3
15	64QAM	36	20	19.70	19.27	19.31		
15	64QAM	36	39	19.64	19.25	19.28		
15	64QAM	75	0	19.73	19.34	19.36		
15	256QAM	1	0	17.23	17.34	17.20	19	5
15	256QAM	1	37	17.17	17.35	17.32		
15	256QAM	1	74	17.19	17.10	17.15		
15	256QAM	36	0	17.17	17.18	17.23	19	5
15	256QAM	36	20	17.11	17.32	17.34		
15	256QAM	36	39	17.09	17.30	17.11		
15	256QAM	75	0	17.34	17.35	17.22		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.86	22.27	22.44	24	0
10	QPSK	1	25	22.81	22.31	22.29		
10	QPSK	1	49	22.77	22.29	22.45		
10	QPSK	25	0	21.77	21.40	21.32	23	1
10	QPSK	25	12	21.71	21.25	21.20		
10	QPSK	25	25	21.72	21.18	21.18		
10	QPSK	50	0	21.78	21.24	21.21		
10	16QAM	1	0	21.73	21.27	21.35	23	1
10	16QAM	1	25	21.78	21.44	21.36		
10	16QAM	1	49	21.66	21.29	21.33		
10	16QAM	25	0	20.61	20.22	20.26	22	2
10	16QAM	25	12	20.65	20.15	20.21		
10	16QAM	25	25	20.62	20.25	20.16		
10	16QAM	50	0	20.73	20.22	20.30		
10	64QAM	1	0	20.52	20.01	20.03	22	2
10	64QAM	1	25	20.51	20.14	20.02		
10	64QAM	1	49	20.46	20.03	20.03		
10	64QAM	25	0	19.75	19.26	19.21	21	3
10	64QAM	25	12	19.62	19.28	19.38		
10	64QAM	25	25	19.71	19.15	19.30		
10	64QAM	50	0	19.75	19.26	19.27		
10	256QAM	1	0	17.23	17.34	17.20	19	5
10	256QAM	1	25	17.17	17.35	17.32		
10	256QAM	1	49	17.19	17.10	17.15		
10	256QAM	25	0	17.17	17.18	17.23	19	5
10	256QAM	25	12	17.11	17.32	17.34		
10	256QAM	25	25	17.09	17.30	17.11		
10	256QAM	50	0	17.34	17.35	17.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.84	22.29	22.29	24	0
5	QPSK	1	12	22.80	22.46	22.28		
5	QPSK	1	24	22.78	22.43	22.46		
5	QPSK	12	0	21.70	21.40	21.25	23	1
5	QPSK	12	7	21.74	21.17	21.20		
5	QPSK	12	13	21.62	21.23	21.16		
5	QPSK	25	0	21.75	21.15	21.17		
5	16QAM	1	0	21.68	21.39	21.31	23	1
5	16QAM	1	12	21.72	21.33	21.23		
5	16QAM	1	24	21.79	21.17	21.40		
5	16QAM	12	0	20.73	20.32	20.21	22	2
5	16QAM	12	7	20.56	20.20	20.30		
5	16QAM	12	13	20.50	20.27	20.26		
5	16QAM	25	0	20.77	20.19	20.30		
5	64QAM	1	0	20.59	20.15	20.04	22	2
5	64QAM	1	12	20.62	20.09	20.07		
5	64QAM	1	24	20.53	20.10	20.03		
5	64QAM	12	0	19.65	19.40	19.24	21	3
5	64QAM	12	7	19.65	19.19	19.35		
5	64QAM	12	13	19.59	19.21	19.32		
5	64QAM	25	0	19.74	19.30	19.45		
5	256QAM	1	0	17.23	17.34	17.20	19	5
5	256QAM	1	12	17.17	17.35	17.32		
5	256QAM	1	24	17.19	17.10	17.15		
5	256QAM	12	0	17.17	17.18	17.23	19	5
5	256QAM	12	7	17.11	17.32	17.34		
5	256QAM	12	13	17.09	17.30	17.11		
5	256QAM	25	0	17.34	17.35	17.22		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.54	24.39	24.36	25.5	0
20	QPSK	1	49	24.55	24.38	24.36		
20	QPSK	1	99	24.66	24.37	24.31		
20	QPSK	50	0	23.57	23.32	23.39	24.5	1
20	QPSK	50	24	23.56	23.29	23.39		
20	QPSK	50	50	23.52	23.35	23.38		
20	QPSK	100	0	23.49	23.27	23.41		
20	16QAM	1	0	23.56	23.31	23.30	24.5	1
20	16QAM	1	49	23.50	23.36	23.34		
20	16QAM	1	99	23.56	23.38	23.35		
20	16QAM	50	0	22.53	22.33	22.38	23.5	2
20	16QAM	50	24	22.58	22.33	22.39		
20	16QAM	50	50	22.61	22.33	22.33		
20	16QAM	100	0	22.50	22.25	22.36		
20	64QAM	1	0	22.29	22.06	22.05	23.5	2
20	64QAM	1	49	22.25	22.06	22.10		
20	64QAM	1	99	22.28	22.00	22.11		
20	64QAM	50	0	21.50	21.31	21.38	22.5	3
20	64QAM	50	24	21.59	21.31	21.40		
20	64QAM	50	50	21.54	21.35	21.42		
20	64QAM	100	0	21.55	21.27	21.37		
20	256QAM	1	0	19.09	19.33	19.23	20.5	5
20	256QAM	1	49	19.38	19.45	18.98		
20	256QAM	1	99	19.20	19.26	19.13		
20	256QAM	50	0	19.32	18.95	19.03	20.5	5
20	256QAM	50	24	19.38	19.27	19.37		
20	256QAM	50	50	19.29	19.11	18.94		
20	256QAM	100	0	19.32	19.40	19.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.61	24.33	24.32	25.5	0
15	QPSK	1	37	24.56	24.33	24.39		
15	QPSK	1	74	24.60	24.34	24.34		
15	QPSK	36	0	23.43	23.21	23.41	24.5	1
15	QPSK	36	20	23.52	23.24	23.28		
15	QPSK	36	39	23.55	23.23	23.29		
15	QPSK	75	0	23.54	23.18	23.32		
15	16QAM	1	0	23.51	23.24	23.29	24.5	1
15	16QAM	1	37	23.57	23.31	23.33		
15	16QAM	1	74	23.58	23.28	23.38		
15	16QAM	36	0	22.44	22.18	22.30	23.5	2
15	16QAM	36	20	22.47	22.25	22.25		
15	16QAM	36	39	22.54	22.18	22.29		
15	16QAM	75	0	22.55	22.23	22.36		
15	64QAM	1	0	22.32	22.04	22.09	23.5	2
15	64QAM	1	37	22.30	22.06	22.12		
15	64QAM	1	74	22.34	22.00	22.02		
15	64QAM	36	0	21.54	21.26	21.33	22.5	3
15	64QAM	36	20	21.51	21.23	21.26		
15	64QAM	36	39	21.56	21.25	21.34		
15	64QAM	75	0	21.52	21.24	21.30		
15	256QAM	1	0	19.32	19.06	19.37	20.5	5
15	256QAM	1	37	19.44	19.01	19.00		
15	256QAM	1	74	19.25	18.98	18.90		
15	256QAM	36	0	19.02	19.26	19.00	20.5	5
15	256QAM	36	20	19.15	19.21	18.92		
15	256QAM	36	39	19.36	18.95	18.94		
15	256QAM	75	0	19.12	18.91	19.31		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.56	24.31	24.43	25.5	0
10	QPSK	1	25	24.57	24.27	24.31		
10	QPSK	1	49	24.60	24.27	24.40		
10	QPSK	25	0	23.50	23.29	23.34	24.5	1
10	QPSK	25	12	23.59	23.27	23.37		
10	QPSK	25	25	23.55	23.27	23.34		
10	QPSK	50	0	23.52	23.30	23.42		
10	16QAM	1	0	23.55	23.28	23.37	24.5	1
10	16QAM	1	25	23.68	23.31	23.30		
10	16QAM	1	49	23.69	23.24	23.36		
10	16QAM	25	0	22.61	22.33	22.42	23.5	2
10	16QAM	25	12	22.57	22.24	22.44		
10	16QAM	25	25	22.57	22.27	22.37		
10	16QAM	50	0	22.54	22.33	22.39		
10	64QAM	1	0	22.33	22.05	22.08	23.5	2
10	64QAM	1	25	22.28	22.03	22.09		
10	64QAM	1	49	22.36	22.05	22.08		
10	64QAM	25	0	21.57	21.31	21.46	22.5	3
10	64QAM	25	12	21.60	21.31	21.42		
10	64QAM	25	25	21.64	21.30	21.44		
10	64QAM	50	0	21.58	21.26	21.31		
10	256QAM	1	0	19.04	18.94	19.27	20.5	5
10	256QAM	1	25	19.14	19.29	19.05		
10	256QAM	1	49	19.06	19.32	19.33		
10	256QAM	25	0	19.33	19.35	19.15	20.5	5
10	256QAM	25	12	19.31	19.20	18.98		
10	256QAM	25	25	19.16	18.96	19.37		
10	256QAM	50	0	19.42	19.02	19.28		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.52	24.21	24.33	25.5	0
5	QPSK	1	12	24.59	24.18	24.41		
5	QPSK	1	24	24.54	24.20	24.37		
5	QPSK	12	0	23.53	23.14	23.32	24.5	1
5	QPSK	12	7	23.46	23.17	23.36		
5	QPSK	12	13	23.45	23.19	23.28		
5	QPSK	25	0	23.49	23.26	23.35		
5	16QAM	1	0	23.56	23.25	23.29	24.5	1
5	16QAM	1	12	23.57	23.18	23.33		
5	16QAM	1	24	23.54	23.22	23.41		
5	16QAM	12	0	22.44	22.12	22.22	23.5	2
5	16QAM	12	7	22.40	22.08	22.27		
5	16QAM	12	13	22.36	22.10	22.21		
5	16QAM	25	0	22.53	22.23	22.43		
5	64QAM	1	0	22.27	21.96	22.07	23.5	2
5	64QAM	1	12	22.31	21.98	22.12		
5	64QAM	1	24	22.25	21.96	22.11		
5	64QAM	12	0	21.52	21.21	21.31	22.5	3
5	64QAM	12	7	21.55	21.20	21.34		
5	64QAM	12	13	21.51	21.20	21.35		
5	64QAM	25	0	21.54	21.28	21.45		
5	256QAM	1	0	19.02	19.04	19.28	20.5	5
5	256QAM	1	12	18.97	19.01	19.08		
5	256QAM	1	24	19.22	19.11	19.19		
5	256QAM	12	0	19.44	19.20	19.35	20.5	5
5	256QAM	12	7	18.96	19.05	19.30		
5	256QAM	12	13	19.30	18.94	19.00		
5	256QAM	25	0	19.06	19.08	19.36		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.86	24.68	24.73	25.7	0
20	QPSK	1	49	24.84	24.70	24.78		
20	QPSK	1	99	25.06	24.73	24.95		
20	QPSK	50	0	23.99	23.78	23.92	24.7	1
20	QPSK	50	24	23.94	23.82	23.88		
20	QPSK	50	50	23.87	23.75	23.89		
20	QPSK	100	0	24.01	23.89	23.94		
20	16QAM	1	0	24.04	23.89	23.98	24.7	1
20	16QAM	1	49	24.09	23.88	24.00		
20	16QAM	1	99	23.86	23.77	23.92		
20	16QAM	50	0	22.96	22.80	22.94	23.7	2
20	16QAM	50	24	23.00	22.82	22.93		
20	16QAM	50	50	22.92	22.79	22.92		
20	16QAM	100	0	22.87	22.72	22.78		
20	64QAM	1	0	22.88	22.69	22.85	23.7	2
20	64QAM	1	49	22.95	22.75	22.84		
20	64QAM	1	99	22.87	22.74	22.92		
20	64QAM	50	0	21.98	21.78	21.96	22.7	3
20	64QAM	50	24	22.00	21.83	21.91		
20	64QAM	50	50	21.94	21.74	21.94		
20	64QAM	100	0	21.98	21.78	21.96		
20	256QAM	1	0	19.95	19.95	19.96	20.7	5
20	256QAM	1	49	19.91	19.92	19.98		
20	256QAM	1	99	19.90	19.94	19.97		
20	256QAM	50	0	20.14	20.15	20.22	20.7	5
20	256QAM	50	24	20.18	20.13	20.23		
20	256QAM	50	50	20.15	20.15	20.17		
20	256QAM	100	0	20.11	20.09	20.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.99	24.81	24.84	25.7	0
15	QPSK	1	37	24.93	24.73	24.86		
15	QPSK	1	74	24.94	24.76	24.91		
15	QPSK	36	0	23.83	23.75	23.92	24.7	1
15	QPSK	36	20	23.89	23.73	23.89		
15	QPSK	36	39	23.96	23.71	23.86		
15	QPSK	75	0	23.81	23.70	23.93		
15	16QAM	1	0	24.02	23.85	23.95	24.7	1
15	16QAM	1	37	24.06	23.86	24.02		
15	16QAM	1	74	24.07	23.84	23.99		
15	16QAM	36	0	22.84	22.70	22.87	23.7	2
15	16QAM	36	20	22.83	22.76	22.87		
15	16QAM	36	39	22.93	22.74	22.85		
15	16QAM	75	0	22.96	22.66	22.87		
15	64QAM	1	0	22.91	22.70	22.79	23.7	2
15	64QAM	1	37	22.97	22.73	22.87		
15	64QAM	1	74	22.92	22.72	22.84		
15	64QAM	36	0	21.88	21.77	21.89	22.7	3
15	64QAM	36	20	21.94	21.75	21.90		
15	64QAM	36	39	21.97	21.78	21.87		
15	64QAM	75	0	21.92	21.74	21.89		
15	256QAM	1	0	19.72	19.71	19.93	20.7	5
15	256QAM	1	37	19.73	19.71	19.87		
15	256QAM	1	74	19.85	19.95	19.91		
15	256QAM	36	0	19.65	19.81	19.73	20.7	5
15	256QAM	36	20	19.55	19.71	19.57		
15	256QAM	36	39	19.77	19.70	19.57		
15	256QAM	75	0	19.60	19.84	19.86		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.85	24.76	24.86	25.7	0
10	QPSK	1	25	24.88	24.71	24.93		
10	QPSK	1	49	24.79	24.66	24.80		
10	QPSK	25	0	23.87	23.75	23.90	24.7	1
10	QPSK	25	12	23.97	23.80	23.85		
10	QPSK	25	25	23.89	23.77	23.96		
10	QPSK	50	0	23.93	23.77	23.92		
10	16QAM	1	0	23.97	23.75	23.91	24.7	1
10	16QAM	1	25	23.93	23.76	23.95		
10	16QAM	1	49	24.03	23.88	24.02		
10	16QAM	25	0	23.18	22.99	23.09	23.7	2
10	16QAM	25	12	23.21	22.95	23.13		
10	16QAM	25	25	22.88	22.84	23.04		
10	16QAM	50	0	22.98	22.79	22.98		
10	64QAM	1	0	23.03	22.80	22.97	23.7	2
10	64QAM	1	25	22.97	22.79	22.96		
10	64QAM	1	49	22.90	22.74	22.91		
10	64QAM	25	0	22.07	21.84	21.94	22.7	3
10	64QAM	25	12	22.07	21.80	22.05		
10	64QAM	25	25	21.97	21.84	22.04		
10	64QAM	50	0	22.05	21.82	22.04		
10	256QAM	1	0	19.61	19.85	19.76	20.7	5
10	256QAM	1	25	19.92	19.93	19.95		
10	256QAM	1	49	19.70	19.78	19.90		
10	256QAM	25	0	19.81	19.81	19.90	20.7	5
10	256QAM	25	12	19.59	19.68	19.70		
10	256QAM	25	25	19.85	19.92	19.66		
10	256QAM	50	0	19.64	19.73	19.72		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.81	24.63	24.79	25.7	0
5	QPSK	1	12	24.89	24.64	24.77		
5	QPSK	1	24	24.82	24.71	24.85		
5	QPSK	12	0	23.90	23.74	23.90	24.7	1
5	QPSK	12	7	23.90	23.74	23.93		
5	QPSK	12	13	23.87	23.74	23.92		
5	QPSK	25	0	23.88	23.76	23.92		
5	16QAM	1	0	24.04	23.87	24.02	24.7	1
5	16QAM	1	12	24.11	23.82	23.96		
5	16QAM	1	24	24.10	23.88	24.04		
5	16QAM	12	0	22.95	22.78	22.92	23.7	2
5	16QAM	12	7	22.92	22.74	22.87		
5	16QAM	12	13	22.92	22.74	22.93		
5	16QAM	25	0	22.97	22.81	22.96		
5	64QAM	1	0	22.98	22.74	22.97	23.7	2
5	64QAM	1	12	22.98	22.78	22.88		
5	64QAM	1	24	22.98	22.85	22.89		
5	64QAM	12	0	21.90	21.73	21.96	22.7	3
5	64QAM	12	7	21.97	21.76	21.95		
5	64QAM	12	13	21.95	21.77	21.93		
5	64QAM	25	0	22.02	21.80	22.00		
5	256QAM	1	0	19.76	19.67	19.59	20.7	5
5	256QAM	1	12	19.88	19.87	19.55		
5	256QAM	1	24	19.68	19.72	19.65		
5	256QAM	12	0	19.59	19.56	19.63	20.7	5
5	256QAM	12	7	19.57	19.94	19.79		
5	256QAM	12	13	19.84	19.88	19.71		
5	256QAM	25	0	19.75	19.73	19.72		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.03	23.84	23.91	25	0
20	QPSK	1	49	23.95	23.81	23.94		
20	QPSK	1	99	24.12	23.87	23.99		
20	QPSK	50	0	23.12	22.95	23.08	24	1
20	QPSK	50	24	23.10	22.96	23.09		
20	QPSK	50	50	23.11	22.97	23.05		
20	QPSK	100	0	23.08	22.93	23.05		
20	16QAM	1	0	23.24	23.02	23.09	24	1
20	16QAM	1	49	23.27	23.12	23.21		
20	16QAM	1	99	23.29	23.11	23.21		
20	16QAM	50	0	22.09	21.94	22.12	23	2
20	16QAM	50	24	22.16	21.95	22.12		
20	16QAM	50	50	22.14	22.01	22.12		
20	16QAM	100	0	22.13	21.90	22.09		
20	64QAM	1	0	22.06	21.93	22.01	23	2
20	64QAM	1	49	22.09	21.93	22.07		
20	64QAM	1	99	22.16	22.00	22.09		
20	64QAM	50	0	21.10	20.92	21.08	22	3
20	64QAM	50	24	21.14	20.99	21.08		
20	64QAM	50	50	21.18	20.97	21.12		
20	64QAM	100	0	21.07	20.92	21.09		
20	256QAM	1	0	18.66	18.58	18.49	20	5
20	256QAM	1	49	18.57	18.47	18.42		
20	256QAM	1	99	18.49	18.40	18.45		
20	256QAM	50	0	18.82	18.72	18.71		
20	256QAM	50	24	18.83	18.78	18.68		
20	256QAM	50	50	18.76	18.64	18.67		
20	256QAM	100	0	18.73	18.63	18.65		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.10	23.91	24.08	25	0
15	QPSK	1	37	24.06	23.94	24.07		
15	QPSK	1	74	24.11	24.07	24.11		
15	QPSK	36	0	23.05	22.96	23.08	24	1
15	QPSK	36	20	23.08	22.93	23.06		
15	QPSK	36	39	23.13	22.94	23.08		
15	QPSK	75	0	23.07	22.93	23.06		
15	16QAM	1	0	23.24	23.07	23.20	24	1
15	16QAM	1	37	23.27	23.08	23.23		
15	16QAM	1	74	23.25	23.06	23.21		
15	16QAM	36	0	21.99	21.89	22.03	23	2
15	16QAM	36	20	22.06	21.91	22.01		
15	16QAM	36	39	22.13	21.93	22.07		
15	16QAM	75	0	22.09	21.92	22.06		
15	64QAM	1	0	22.05	21.94	22.04	23	2
15	64QAM	1	37	22.15	21.97	22.05		
15	64QAM	1	74	22.18	21.98	22.06		
15	64QAM	36	0	21.08	20.98	21.09	22	3
15	64QAM	36	20	21.13	20.92	21.09		
15	64QAM	36	39	21.17	21.00	21.08		
15	64QAM	75	0	21.08	20.94	21.11		
15	256QAM	1	0	18.75	18.71	18.75	20	5
15	256QAM	1	37	18.73	18.82	18.77		
15	256QAM	1	74	18.63	18.83	18.70		
15	256QAM	36	0	18.85	18.79	18.76		
15	256QAM	36	20	18.53	18.70	18.57		
15	256QAM	36	39	18.53	18.56	18.73		
15	256QAM	75	0	18.60	18.62	18.79		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.00	23.83	23.96	25	0
10	QPSK	1	25	24.11	23.88	23.96		
10	QPSK	1	49	24.06	23.89	23.97		
10	QPSK	25	0	23.12	23.02	23.12	24	1
10	QPSK	25	12	23.14	22.96	23.11		
10	QPSK	25	25	23.13	22.93	23.09		
10	QPSK	50	0	23.07	22.96	23.11		
10	16QAM	1	0	23.31	23.03	23.20	24	1
10	16QAM	1	25	23.31	23.13	23.19		
10	16QAM	1	49	23.35	23.08	23.21		
10	16QAM	25	0	22.12	21.98	22.18	23	2
10	16QAM	25	12	22.21	21.99	22.18		
10	16QAM	25	25	22.20	21.96	22.14		
10	16QAM	50	0	22.13	21.95	22.15		
10	64QAM	1	0	22.12	21.94	22.09	23	2
10	64QAM	1	25	22.15	21.95	22.04		
10	64QAM	1	49	22.16	21.90	22.12		
10	64QAM	25	0	21.17	21.08	21.21	22	3
10	64QAM	25	12	21.22	21.00	21.18		
10	64QAM	25	25	21.23	20.99	21.17		
10	64QAM	50	0	21.14	20.94	21.16		
10	256QAM	1	0	18.73	18.83	18.74	20	5
10	256QAM	1	25	18.82	18.76	18.74		
10	256QAM	1	49	18.83	18.64	18.58		
10	256QAM	25	0	18.77	18.66	18.63	20	5
10	256QAM	25	12	18.69	18.70	18.65		
10	256QAM	25	25	18.68	18.72	18.61		
10	256QAM	50	0	18.73	18.51	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.05	23.90	24.02	25	0
5	QPSK	1	12	24.08	23.86	23.99		
5	QPSK	1	24	24.06	23.83	24.08		
5	QPSK	12	0	23.14	22.95	23.10	24	1
5	QPSK	12	7	23.14	22.91	23.12		
5	QPSK	12	13	23.10	22.96	23.10		
5	QPSK	25	0	23.12	22.96	23.11		
5	16QAM	1	0	23.33	23.06	23.19	24	1
5	16QAM	1	12	23.33	23.08	23.25		
5	16QAM	1	24	23.34	23.06	23.26		
5	16QAM	12	0	22.13	21.93	22.12	23	2
5	16QAM	12	7	22.13	21.97	22.14		
5	16QAM	12	13	22.13	21.96	22.09		
5	16QAM	25	0	22.13	22.02	22.18		
5	64QAM	1	0	22.17	21.96	22.13	23	2
5	64QAM	1	12	22.17	21.93	22.04		
5	64QAM	1	24	22.17	21.98	22.14		
5	64QAM	12	0	21.17	20.98	21.10	22	3
5	64QAM	12	7	21.19	20.97	21.12		
5	64QAM	12	13	21.17	20.99	21.15		
5	64QAM	25	0	21.24	21.05	21.26		
5	256QAM	1	0	18.53	18.50	18.66	20	5
5	256QAM	1	12	18.67	18.59	18.59		
5	256QAM	1	24	18.80	18.68	18.52		
5	256QAM	12	0	18.77	18.71	18.68	20	5
5	256QAM	12	7	18.66	18.76	18.78		
5	256QAM	12	13	18.81	18.81	18.59		
5	256QAM	25	0	18.63	18.82	18.60		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.04	23.24	23.38	23.24	23.09	24	0
20	QPSK	1	49	23.10	23.31	23.35	23.25	23.18		
20	QPSK	1	99	23.15	23.48	23.47	23.33	23.21		
20	QPSK	50	0	22.15	22.42	22.41	22.35	22.21	23	1
20	QPSK	50	24	22.11	22.29	22.37	22.22	22.16		
20	QPSK	50	50	22.14	22.27	22.35	22.31	22.11		
20	QPSK	100	0	22.12	22.38	22.37	22.25	22.13		
20	16QAM	1	0	22.11	22.33	22.43	22.25	22.17	23	1
20	16QAM	1	49	22.12	22.24	22.30	22.28	22.14		
20	16QAM	1	99	22.13	22.27	22.35	22.31	22.08		
20	16QAM	50	0	21.09	21.28	21.45	21.24	21.22	22	2
20	16QAM	50	24	21.11	21.31	21.43	21.27	21.19		
20	16QAM	50	50	21.14	21.29	21.38	21.27	21.18		
20	16QAM	100	0	21.15	21.25	21.36	21.27	21.16		
20	64QAM	1	0	20.92	20.96	21.18	20.96	20.85	22	2
20	64QAM	1	49	20.82	20.98	21.08	20.95	20.82		
20	64QAM	1	99	20.80	20.98	21.03	20.92	20.82		
20	64QAM	50	0	20.05	20.25	20.39	20.21	20.16	21	3
20	64QAM	50	24	20.08	20.25	20.38	20.23	20.14		
20	64QAM	50	50	20.13	20.29	20.33	20.23	20.13		
20	64QAM	100	0	20.08	20.24	20.31	20.18	20.17		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	5
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90		
20	256QAM	1	99	17.84	17.70	17.60	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71	19	5
20	256QAM	50	24	17.85	17.75	17.93	17.63	17.86		
20	256QAM	50	50	17.71	17.84	17.67	17.65	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.65	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.12	23.31	23.45	23.24	23.27	24.00	0
15	QPSK	1	37	23.14	23.28	23.35	23.17	23.08		
15	QPSK	1	74	23.11	23.23	23.42	23.22	23.06		
15	QPSK	36	0	22.16	22.19	22.38	22.30	22.03	23	1
15	QPSK	36	20	22.14	22.24	22.35	22.19	22.24		
15	QPSK	36	39	22.05	22.18	22.38	22.27	22.07		
15	QPSK	75	0	22.10	22.28	22.30	22.15	22.12		
15	16QAM	1	0	22.11	22.32	22.51	22.30	22.17	23	1
15	16QAM	1	37	22.18	22.14	22.22	22.28	22.21		
15	16QAM	1	74	22.13	22.24	22.38	22.22	22.10		
15	16QAM	36	0	21.14	21.38	21.51	21.20	21.15	22	2
15	16QAM	36	20	21.07	21.29	21.45	21.34	21.13		
15	16QAM	36	39	21.18	21.22	21.28	21.37	21.20		
15	16QAM	75	0	21.16	21.25	21.40	21.26	21.10		
15	64QAM	1	0	20.86	20.87	21.20	20.90	20.82	22	2
15	64QAM	1	37	20.74	21.03	21.05	20.92	20.75		
15	64QAM	1	74	20.82	21.06	21.05	20.88	20.89		
15	64QAM	36	0	20.08	20.32	20.49	20.14	20.24	21	3
15	64QAM	36	20	20.15	20.30	20.35	20.23	20.08		
15	64QAM	36	39	20.09	20.24	20.35	20.24	20.14		
15	64QAM	75	0	19.99	20.22	20.27	20.18	20.27		
15	256QAM	1	0	17.56	17.71	17.93	17.79	17.88	19	5
15	256QAM	1	37	17.68	17.59	17.69	17.61	17.81		
15	256QAM	1	74	17.89	17.65	17.68	17.68	17.71		
15	256QAM	36	0	17.64	17.65	17.58	17.89	17.60	19	5
15	256QAM	36	20	17.79	17.87	17.86	17.93	17.94		
15	256QAM	36	39	17.63	17.69	17.67	17.93	17.90		
15	256QAM	75	0	17.87	17.72	17.81	17.65	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.17	23.24	23.28	23.27	23.29	24.00	0
10	QPSK	1	25	23.19	23.22	23.37	23.17	23.14		
10	QPSK	1	49	23.04	23.23	23.34	23.24	23.06		
10	QPSK	25	0	22.24	22.31	22.50	22.30	22.11	23	1
10	QPSK	25	12	22.20	22.29	22.43	22.28	22.25		
10	QPSK	25	25	22.15	22.34	22.26	22.26	22.07		
10	QPSK	50	0	22.18	22.15	22.43	22.25	22.14		
10	16QAM	1	0	22.05	22.43	22.47	22.25	22.24	23	1
10	16QAM	1	25	22.09	22.31	22.31	22.21	22.19		
10	16QAM	1	49	22.18	22.17	22.26	22.22	21.99		
10	16QAM	25	0	21.11	21.29	21.52	21.32	21.26	22	2
10	16QAM	25	12	21.02	21.27	21.45	21.27	21.22		
10	16QAM	25	25	21.04	21.27	21.39	21.33	21.18		
10	16QAM	50	0	21.12	21.34	21.36	21.31	21.26		
10	64QAM	1	0	20.98	20.89	21.26	20.87	20.89	22	2
10	64QAM	1	25	20.77	20.95	21.04	21.01	20.82		
10	64QAM	1	49	20.82	21.07	20.95	20.89	20.86		
10	64QAM	25	0	20.13	20.28	20.48	20.13	20.21	21	3
10	64QAM	25	12	20.14	20.31	20.28	20.15	20.04		
10	64QAM	25	25	20.19	20.37	20.43	20.21	20.20		
10	64QAM	50	0	20.18	20.24	20.27	20.24	20.09		
10	256QAM	1	0	17.79	17.83	17.87	17.64	17.77	19	5
10	256QAM	1	25	17.85	17.91	17.65	17.76	17.94		
10	256QAM	1	49	17.92	17.87	17.79	17.91	17.69		
10	256QAM	25	0	17.65	17.77	17.91	17.73	17.88	19	5
10	256QAM	25	12	17.63	17.61	17.75	17.75	17.76		
10	256QAM	25	25	17.64	17.90	17.81	17.90	17.92		
10	256QAM	50	0	17.88	17.85	17.86	17.81	17.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.04	23.21	23.41	23.26	23.14	24.00	0
5	QPSK	1	12	23.10	23.35	23.34	23.24	23.09		
5	QPSK	1	24	23.18	23.26	23.37	23.35	23.06		
5	QPSK	12	0	22.14	22.33	22.35	22.30	22.17	23	1
5	QPSK	12	7	22.20	22.20	22.36	22.13	22.25		
5	QPSK	12	13	22.05	22.37	22.38	22.27	22.20		
5	QPSK	25	0	22.11	22.20	22.38	22.22	22.22		
5	16QAM	1	0	22.06	22.24	22.34	22.35	22.09	23	1
5	16QAM	1	12	22.10	22.32	22.22	22.34	22.20		
5	16QAM	1	24	22.05	22.21	22.37	22.27	22.12		
5	16QAM	12	0	21.15	21.38	21.47	21.21	21.12	22	2
5	16QAM	12	7	21.12	21.29	21.53	21.30	21.22		
5	16QAM	12	13	21.21	21.25	21.44	21.20	21.21		
5	16QAM	25	0	21.13	21.19	21.47	21.18	21.09		
5	64QAM	1	0	20.89	20.88	21.18	20.88	20.91	22	2
5	64QAM	1	12	20.90	21.07	21.17	21.03	20.79		
5	64QAM	1	24	20.72	21.03	21.06	20.89	20.90		
5	64QAM	12	0	20.11	20.24	20.45	20.31	20.17	21	3
5	64QAM	12	7	20.09	20.21	20.40	20.27	20.13		
5	64QAM	12	13	20.21	20.31	20.41	20.14	20.17		
5	64QAM	25	0	20.03	20.21	20.21	20.12	20.16		
5	256QAM	1	0	17.61	17.59	17.59	17.92	17.69	19	5
5	256QAM	1	12	17.89	17.69	17.92	17.94	17.75		
5	256QAM	1	24	17.92	17.72	17.88	17.79	17.69		
5	256QAM	12	0	17.86	17.91	17.85	17.60	17.84	19	5
5	256QAM	12	7	17.90	17.74	17.59	17.73	17.70		
5	256QAM	12	13	17.65	17.95	17.67	17.92	17.69		
5	256QAM	25	0	17.78	17.91	17.84	17.67	17.60		

Band 41_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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.63	24.70	24.95	24.77	25.05	25.5	0
20	QPSK	1	49	24.62	24.79	25.06	24.73	25.03		
20	QPSK	1	99	24.67	25.13	25.12	24.78	25.10		
20	QPSK	50	0	23.82	24.15	24.14	23.79	24.07	24.5	1
20	QPSK	50	24	23.63	23.79	24.09	23.74	24.06		
20	QPSK	50	50	23.69	23.83	24.09	23.71	24.04		
20	QPSK	100	0	23.66	24.05	24.03	23.81	24.02		
20	16QAM	1	0	23.64	23.86	24.00	23.72	23.97	24.5	1
20	16QAM	1	49	23.70	24.05	23.79	24.01			
20	16QAM	1	99	23.68	23.80	24.08	23.84	24.00		
20	16QAM	50	0	22.59	22.82	23.04	22.82	23.01	23.5	2
20	16QAM	50	24	22.63	22.84	23.05	22.85	23.04		
20	16QAM	50	50	22.72	22.81	23.07	22.88	23.04		
20	16QAM	100	0	22.69	22.77	23.01	22.83	23.00		
20	64QAM	1	0	22.37	22.58	22.72	22.54	22.71	23.5	2
20	64QAM	1	49	22.39	22.57	22.73	22.55	22.79		
20	64QAM	1	99	22.42	22.54	22.80	22.56	22.77		
20	64QAM	50	0	21.57	21.79	21.95	21.85	22.03	22.5	3
20	64QAM	50	24	21.65	21.81	22.02	21.79	22.04		
20	64QAM	50	50	21.74	21.83	21.99	21.81	21.97		
20	64QAM	100	0	21.66	21.77	21.86	21.79	21.99		
20	256QAM	1	0	19.79	19.60	19.86	19.59	19.70	20.5	5
20	256QAM	1	49	19.46	19.52	19.75	19.95	19.62		
20	256QAM	1	99	19.83	19.56	19.77	19.74	19.79		
20	256QAM	50	0	19.78	19.92	19.49	19.65	19.87	20.5	5
20	256QAM	50	24	19.62	19.83	19.77	19.53	19.49		
20	256QAM	50	50	19.74	19.62	19.73	19.93	19.56		
20	256QAM	100	0	19.73	19.58	19.75	19.81	19.53		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.60	25.03	24.87	24.82	24.91	25.50	0
15	QPSK	1	37	24.54	25.01	24.83	24.79	24.99		
15	QPSK	1	74	24.61	25.07	24.85	24.88	24.97		
15	QPSK	36	0	23.50	23.95	23.81	23.74	23.94	24.5	1
15	QPSK	36	20	23.50	23.99	23.75	23.75	23.96		
15	QPSK	36	39	23.59	24.02	23.74	23.72	23.95		
15	QPSK	75	0	23.59	23.98	23.81	23.75	23.96		
15	16QAM	1	0	23.63	23.95	23.84	23.74	23.95	24.5	1
15	16QAM	1	37	23.66	23.98	23.76	23.75	23.96		
15	16QAM	1	74	23.65	24.06	23.78	23.73	24.01		
15	16QAM	36	0	22.49	22.91	22.77	22.72	22.92	23.5	2
15	16QAM	36	20	22.51	22.99	22.73	22.69	22.92		
15	16QAM	36	39	22.54	23.01	22.71	22.72	22.91		
15	16QAM	75	0	22.64	23.00	22.74	22.74	22.98		
15	64QAM	1	0	22.35	22.66	22.54	22.42	22.61	23.5	2
15	64QAM	1	37	22.29	22.72	22.51	22.50	22.66		
15	64QAM	1	74	22.30	22.80	22.51	22.43	22.73		
15	64QAM	36	0	21.56	22.00	21.76	21.73	21.95	22.5	3
15	64QAM	36	20	21.53	21.98	21.72	21.70	21.99		
15	64QAM	36	39	21.59	22.00	21.74	21.71	21.94		
15	64QAM	75	0	21.58	21.96	21.73	21.70	21.96		
15	256QAM	1	0	19.49	19.43	19.94	19.45	19.44	20.5	5
15	256QAM	1	37	19.51	19.76	19.46	19.73	19.77		
15	256QAM	1	74	19.88	19.50	19.61	19.62	19.51		
15	256QAM	36	0	19.42	19.63	19.44	19.52	19.58	20.5	5
15	256QAM	36	20	19.73	19.44	19.93	19.64	19.83		
15	256QAM	36	39	19.79	19.83	19.89	19.55	19.88		
15	256QAM	75	0	19.62	19.63	19.90	19.61	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.51	24.96	24.78	24.89	24.91	25.50	0
10	QPSK	1	25	24.45	25.11	24.88	24.73	25.07		
10	QPSK	1	49	24.67	25.10	24.82	24.84	24.93		
10	QPSK	25	0	23.49	23.85	23.75	23.79	24.00	24.5	1
10	QPSK	25	12	23.55	23.96	23.96	23.68	23.87		
10	QPSK	25	25	23.57	24.02	23.82	23.82	23.97		
10	QPSK	50	0	23.62	24.05	23.78	23.83	23.87		
10	16QAM	1	0	23.71	24.01	23.92	23.80	23.96	24.5	1
10	16QAM	1	25	23.59	24.00	23.73	23.80	24.05		
10	16QAM	1	49	23.55	24.11	23.70	23.63	23.95		
10	16QAM	25	0	22.41	22.82	22.84	22.79	22.98	23.5	2
10	16QAM	25	12	22.44	22.91	22.71	22.78	23.01		
10	16QAM	25	25	22.58	23.05	22.78	22.69	22.82		
10	16QAM	50	0	22.71	22.98	22.68	22.68	22.93		
10	64QAM	1	0	22.39	22.67	22.45	22.52	22.57	23.5	2
10	64QAM	1	25	22.34	22.75	22.44	22.45	22.72		
10	64QAM	1	49	22.36	22.83	22.46	22.37	22.68		
10	64QAM	25	0

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.16	25.33	25.57	25.50	25.52	25.7	0
20	QPSK	1	49	25.21	25.41	25.58	25.45	25.55		
20	QPSK	1	99	25.22	25.65	25.64	25.57	25.61		
20	QPSK	50	0	24.18	24.68	24.67	24.57	24.61	24.7	1
20	QPSK	50	24	24.13	24.40	24.61	24.47	24.56		
20	QPSK	50	50	24.10	24.38	24.52	24.51	24.47		
20	QPSK	100	0	24.17	24.59	24.58	24.49	24.57		
20	16QAM	1	0	24.22	24.38	24.38	24.45	24.64	24.7	1
20	16QAM	1	49	24.13	24.45	24.36	24.48	24.55		
20	16QAM	1	99	24.19	24.57	24.32	24.47	24.53		
20	16QAM	50	0	23.13	23.51	23.40	23.49	23.63	23.7	2
20	16QAM	50	24	23.17	23.53	23.44	23.49	23.57		
20	16QAM	50	50	23.25	23.51	23.46	23.53	23.59		
20	16QAM	100	0	23.19	23.47	23.42	23.52	23.58		
20	64QAM	1	0	23.17	23.15	23.13	23.23	23.25	23.7	2
20	64QAM	1	49	23.21	23.19	23.21	23.20	23.23		
20	64QAM	1	99	23.22	23.27	23.22	23.17	23.28		
20	64QAM	50	0	22.14	22.48	22.36	22.46	22.56	22.7	3
20	64QAM	50	24	22.14	22.50	22.42	22.45	22.58		
20	64QAM	50	50	22.25	22.50	22.46	22.51	22.53		
20	64QAM	100	0	22.17	22.42	22.38	22.48	22.53		
20	256QAM	1	0	20.29	20.13	20.24	20.38	20.18	20.7	5
20	256QAM	1	49	20.38	20.19	20.19	20.20	20.17		
20	256QAM	1	99	20.18	20.24	20.27	20.29	20.33		
20	256QAM	50	0	20.30	20.18	20.44	20.10	20.39	20.7	5
20	256QAM	50	24	20.33	20.29	20.31	20.22	20.33		
20	256QAM	50	50	20.19	20.16	20.15	20.33	20.24		
20	256QAM	100	0	20.13	20.19	20.24	20.39	20.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.12	25.15	25.53	25.46	25.52	25.70	0
15	QPSK	1	37	25.08	25.24	25.52	25.63	25.58		
15	QPSK	1	74	25.16	25.20	25.57	25.58	25.61		
15	QPSK	36	0	24.03	24.03	24.46	24.45	24.61	24.7	1
15	QPSK	36	20	24.06	24.05	24.44	24.43	24.56		
15	QPSK	36	39	24.12	24.08	24.47	24.45	24.57		
15	QPSK	75	0	24.10	24.02	24.45	24.45	24.57		
15	16QAM	1	0	24.13	24.13	24.40	24.47	24.64	24.7	1
15	16QAM	1	37	24.10	24.11	24.44	24.48	24.55		
15	16QAM	1	74	24.15	24.09	24.53	24.46	24.53		
15	16QAM	36	0	23.28	23.00	23.41	23.40	23.63	23.7	2
15	16QAM	36	20	23.06	23.04	23.45	23.42	23.57		
15	16QAM	36	39	23.11	23.05	23.42	23.41	23.59		
15	16QAM	75	0	23.10	23.10	23.46	23.49	23.58		
15	64QAM	1	0	23.10	23.21	23.19	23.20	23.25	23.7	2
15	64QAM	1	37	23.11	23.07	23.22	23.11	23.23		
15	64QAM	1	74	23.16	23.13	23.26	23.12	23.28		
15	64QAM	36	0	22.02	22.03	22.44	22.42	22.56	22.7	3
15	64QAM	36	20	22.07	22.03	22.41	22.42	22.58		
15	64QAM	36	39	22.12	22.04	22.48	22.46	22.53		
15	64QAM	75	0	22.06	22.06	22.48	22.43	22.53		
15	256QAM	1	0	20.15	20.14	20.36	20.24	20.27	20.7	5
15	256QAM	1	37	20.15	20.29	20.18	20.30	20.36		
15	256QAM	1	74	20.28	20.23	20.31	20.37	20.12		
15	256QAM	36	0	20.14	20.38	20.41	20.40	20.21	20.7	5
15	256QAM	36	20	20.39	20.14	20.19	20.36	20.29		
15	256QAM	36	39	20.35	20.17	20.20	20.38	20.34		
15	256QAM	75	0	20.39	20.28	20.24	20.34	20.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.10	25.51	25.47	25.48	25.57	25.70	0
10	QPSK	1	25	25.14	25.56	25.50	25.54	25.53		
10	QPSK	1	49	25.17	25.56	25.46	25.47	25.61		
10	QPSK	25	0	24.08	24.43	24.42	24.41	24.57	24.7	1
10	QPSK	25	12	24.07	24.46	24.40	24.47	24.53		
10	QPSK	25	25	24.09	24.48	24.38	24.48	24.57		
10	QPSK	50	0	24.07	24.45	24.40	24.46	24.56		
10	16QAM	1	0	24.07	24.42	24.39	24.44	24.51	24.7	1
10	16QAM	1	25	24.14	24.42	24.36	24.46	24.52		
10	16QAM	1	49	24.09	24.49	24.39	24.47	24.51		
10	16QAM	25	0	23.04	23.50	23.43	23.44	23.57	23.7	2
10	16QAM	25	12	23.09	23.47	23.48	23.48	23.57		
10	16QAM	25	25	23.15	23.51	23.39	23.52	23.58		
10	16QAM	50	0	23.10	23.50	23.44	23.47	23.56		
10	64QAM	1	0	23.09	23.17	23.20	23.18	23.22	23.7	2
10	64QAM	1	25	23.13	23.18	23.16	23.17	23.28		
10	64QAM	1	49	23.12	23.26	23.21	23.11	23.35		
10	64QAM	25	0	22.08	22.46	22.45	22.47	22.58	22.7	3
10	64QAM	25	12	22.11	22.51	22.42	22.51	22.59		
10	64QAM	25	25	22.16	22.53	22.39	22.54	22.58		
10	64QAM	50	0	22.06	22.44	22.35	22.44	22.56		
10	256QAM	1	0	20.44	20.19	20.25	20.11	20.33	20.7	5
10	256QAM	1	25	20.20	20.41	20.27	20.12	20.14		
10	256QAM	1	49	20.24	20.36	20.33	20.43	20.22		
10	256QAM	25	0	20.34	20.23	20.35	20.13	20.35	20.7	5
10	256QAM	25	12	20.33	20.24	20.25	20.25	20.28		
10	256QAM	25	25	20.29	20.10	20.29	20.44	20.40		
10	256QAM	50	0	20.22	20.12	20.24	20.30	20.21		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.11	25.53	25.47	25.44	25.61	25.70	0
5	QPSK	1	12	25.17	25.62	25.48	25.52	25.60		
5	QPSK	1	24	25.13	25.54	25.48	25.45	25.57		
5	QPSK	12	0	24.13	24.42	24.40	24.46	24.47	24.7	1
5	QPSK	12	7	24.04	24.45	24.38	24.44	24.55		
5	QPSK	12	13	24.04	24.49	24.38	24.47	24.54		
5	QPSK	25	0	24.03	24.44	24.37	24.39	24.52		
5	16QAM	1	0	24.07	24.45	24.36	24.42	24.46	24.7	1
5	16QAM	1	12	24.08	24.47	24.41	24.45	24.50		
5	16QAM	1	24	24.05	24.50	24.36	24.50	24.51		
5	16QAM	12	0	23.10	23.41	23.36	23.40	23.43	23.7	2
5	16QAM	12	7	23.04	23.41	23.35	23.39	23.50		
5	16QAM	12	13	23.29	23.41	23.36	23.42	23.48		
5	16QAM	25	0	23.05	23.45	23.41	23.48	23.56		
5	64QAM	1	0	23.16	23.16	23.26	23.18	23.30	23.7	2
5	64QAM	1	12	23.11	23.24	23.24	23.17	23.27		
5	64QAM	1	24	23.15	23.29	23.21	23.14	23.36		
5	64QAM	12	0	22.04	22.42	22.37	22.40	22.50	22.7	3
5	64QAM	12	7	22.05	22.45	22.35	22.47	22.53		
5	64QAM	12	13	22.04	22.44	22.34	22.35	22.47		
5	64QAM	25	0	22.06	22.49	22.42	22.50	22.60		
5	256QAM	1	0	20.27	20.40	20.33	20.44	20.23	20.7	5
5	256QAM	1	12	20.37	20.31	20.38	20.21	20.32		
5	256QAM	1	24	20.34	20.18	20.17	20.21	20.35		
5	256QAM	12	0	20.21	20.28	20.38	20.24	20.45	20.7	5
5	256QAM	12	7	20.14	20.15	20.27	20.12	20.34		
5	256QAM	12	13	20.28	20.45	20.24	20.45	20.25		
5	256QAM	25	0	20.18	20.40	20.39	20.12	20.12		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.04	24.29	24.42	24.31	24.35	25	0
20	QPSK	1	49	24.06	24.30	24.49	24.30	24.35		
20	QPSK	1	99	24.08	24.58	24.56	24.40	24.48		
20	QPSK	50	0	23.08	23.45	23.44	23.39	23.38	24	1
20	QPSK	50	24	23.07	23.32	23.18	23.35	23.37		
20	QPSK	50	50	23.05	23.30	23.18	23.38	23.25		
20	QPSK	100	0	23.05	23.36	23.35	23.21	23.11		
20	16QAM	1	0	23.07	23.29	23.12	23.40	23.42	24	1
20	16QAM	1	49	23.00	23.30	23.14	23.34	23.40		
20	16QAM	1	99	23.09	23.40	23.19	23.34	23.45		
20	16QAM	50	0	22.09	22.32	22.13	22.42	22.37	23	2
20	16QAM	50	24	22.10	22.30	22.17	22.39	22.38		
20	16QAM	50	50	22.07	22.35	22.23	22.40	22.46		
20	16QAM	100	0	22.07	22.30	22.15	22.36	22.39		
20	64QAM	1	0	21.77	21.99	21.83	22.07	22.12	23	2
20	64QAM	1	49	21.75	22.09	21.86	22.11	22.08		
20	64QAM	1	99	21.78	22.12	21.92	22.07	22.16		
20	64QAM	50	0	21.00	21.25	21.14	21.39	21.40	22	3
20	64QAM	50	24	21.08	21.28	21.18	21.32	21.37		
20	64QAM	50	50	21.11	21.37	21.25	21.38	21.44		
20	64QAM	100	0	21.04	21.36	21.14	21.33	21.35		
20	256QAM	1	0	19.60	19.47	19.69	19.57	19.20	20	5
20	256QAM	1	49	19.57	19.20	19.36	19.41	19.67		
20	256QAM	1	99	19.51	19.60	19.59	19.28	19.32		
20	256QAM	50	0	19.72	19.29	19.57	19.23	19.22	20	5
20	256QAM	50	24	19.64	19.24	19.59	19.70	19.69		
20	256QAM	50	50	19.49	19.20	19.23	19.39	19.36		
20	256QAM	100	0	19.75	19.54	19.29	19.68	19.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.06	24.26	24.10	24.32	24.32	25.00	0
15	QPSK	1	37	24.01	24.37	24.13	24.43	24.38		
15	QPSK	1	74	24.07	24.33	24.19	24.32	24.43		
15	QPSK	36	0	22.98	23.26	23.10	23.32	23.31	24	1
15	QPSK	36	20	22.98	23.24	23.05	23.32	23.32		
15	QPSK	36	39	22.99	23.25	23.08	23.31	23.34		
15	QPSK	75	0	23.01	23.28	23.14	23.32	23.37		
15	16QAM	1	0	23.05	23.33	23.13	23.34	23.35	24	1
15	16QAM	1	37	22.97	23.35	23.15	23.37	23.37		
15	16QAM	1	74	23.00	23.39	23.18	23.34	23.39		
15	16QAM	36	0	21.93	22.19	22.05	22.25	22.30	23	2
15	16QAM	36	20	21.97	22.22	22.02	22.29	22.31		
15	16QAM	36	39	21.93	22.26	22.05	22.32	22.34		
15	16QAM	75	0	22.00	22.26	22.14	22.35	22.38		
15	64QAM	1	0	21.73	22.02	21.83	22.04	22.09	23	2
15	64QAM	1	37	21.71	22.06	21.85	22.12	22.09		
15	64QAM	1	74	21.72	22.12	21.90	22.08	22.14		
15	64QAM	36	0	20.94	21.33	21.14	21.29	21.31	22	3
15	64QAM	36	20	21.01	21.25	21.11	21.30	21.32		
15	64QAM	36	39	21.04	21.29	21.15	21.30	21.35		
15	64QAM	75	0	21.05	21.28	21.12	21.32	21.30	20	5
15	256QAM	1	0	19.75	19.28	19.39	19.23	19.61		
15	256QAM	1	37	19.26	19.65	19.37	19.40	19.39		
15	256QAM	1	74	19.56	19.45	19.29	19.36	19.69		
15	256QAM	36	0	19.71	19.62	19.58	19.25	19.64	20	5
15	256QAM	36	20	19.75	19.39	19.69	19.74	19.53		
15	256QAM	36	39	19.26	19.29	19.28	19.41	19.28		
15	256QAM	75	0	19.71	19.53	19.34	19.53	19.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.10	24.29	24.12	24.30	24.35	25.00	0
10	QPSK	1	25	24.04	24.25	24.14	24.32	24.40		
10	QPSK	1	49	24.03	24.36	24.14	24.31	24.46		
10	QPSK	25	0	23.03	23.24	23.14	23.31	23.31	24	1
10	QPSK	25	12	22.95	23.26	23.12	23.33	23.36		
10	QPSK	25	25	22.92	23.25	23.06	23.31	23.39		
10	QPSK	50	0	22.97	23.29	23.15	23.38	23.40		
10	16QAM	1	0	22.97	23.27	23.13	23.41	23.38	24	1
10	16QAM	1	25	23.01	23.31	23.12	23.35	23.43		
10	16QAM	1	49	22.96	23.36	23.18	23.39	23.41		
10	16QAM	25	0	22.05	22.26	22.16	22.34	22.33	23	2
10	16QAM	25	12	21.98	22.27	22.14	22.33	22.42		
10	16QAM	25	25	21.93	22.26	22.15	22.35	22.41		
10	16QAM	50	0	21.96	22.25	22.12	22.35	22.36		
10	64QAM	1	0	21.68	21.99	21.86	22.05	22.07	23	2
10	64QAM	1	25	21.67	22.00	21.87	22.08	22.13		
10	64QAM	1	49	21.66	22.07	21.77	21.99	22.10		
10	64QAM	25	0	21.01	21.32	21.18	21.38	21.38	22	3
10	64QAM	25	12	21.04	21.28	21.22	21.36	21.35		
10	64QAM	25	25	21.06	21.33	21.19	21.39	21.43		
10	64QAM	50	0	21.01	21.29	21.15	21.32	21.38		
10	256QAM	1	0	19.56	19.71	19.39	19.33	19.32	20	5
10	256QAM	1	25	19.63	19.65	19.69	19.34	19.40		
10	256QAM	1	49	19.69	19.38	19.73	19.38	19.59		
10	256QAM	25	0	19.25	19.25	19.24	19.70	19.24	20	5
10	256QAM	25	12	19.72	19.58	19.21	19.33	19.41		
10	256QAM	25	25	19.44	19.44	19.49	19.57	19.48		
10	256QAM	50	0	19.75	19.58	19.37	19.33	19.24		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.10	24.36	24.21	24.35	24.39	25.00	0
5	QPSK	1	12	24.04	24.34	24.23	24.42	24.31		
5	QPSK	1	24	24.13	24.39	24.25	24.35	24.43		
5	QPSK	12	0	23.06	23.26	23.10	23.29	23.35	24	1
5	QPSK	12	7	23.02	23.26	23.12	23.37	23.37		
5	QPSK	12	13	22.96	23.26	23.10	23.34	23.36		
5	QPSK	25	0	23.02	23.27	23.10	23.33	23.36		
5	16QAM	1	0	22.99	23.36	23.14	23.36	23.41	24	1
5	16QAM	1	12	23.04	23.32	23.12	23.42	23.36		
5	16QAM	1	24	23.01	23.41	23.18	23.37	23.35		
5	16QAM	12	0	21.99	22.22	22.06	22.24	22.27	23	2
5	16QAM	12	7	21.93	22.24	22.03	22.29	22.31		
5	16QAM	12	13	21.90	22.21	22.04	22.27	22.29		
5	16QAM	25	0	22.05	22.29	22.11	22.32	22.37		
5	64QAM	1	0	21.80	22.01	21.91	22.04	22.05	23	2
5	64QAM	1	12	21.73	22.07	21.93	21.99	22.10		
5	64QAM	1	24	21.75	22.07	21.88	21.99	22.01		
5	64QAM	12	0	21.07	21.27	21.15	21.32	21.32	22	3
5	64QAM	12	7	21.01	21.26	21.09	21.30	21.34		
5	64QAM	12	13	20.95	21.15	21.16	21.27	21.31		
5	64QAM	25	0	21.06	21.37	21.19	21.36	21.42		
5	256QAM	1	0	19.58	19.70	19.65	19.32	19.39	20	5
5	256QAM	1	12	19.64	19.63	19.46	19.66	19.31		
5	256QAM	1	24	19.32	19.21	19.43	19.37	19.34		
5	256QAM	12	0	19.65	19.20	19.56	19.70	19.34	20	5
5	256QAM	12	7	19.24	19.73	19.44	19.60	19.65		
5	256QAM	12	13	19.64	19.37	19.33	19.73	19.49		
5	256QAM	25	0	19.45	19.20	19.39	19.64	19.26		

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Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.43	21.17	21.20		
20	QPSK	1	49	21.22	21.27	21.21	22	0
20	QPSK	1	99	21.30	21.22	21.17		
20	QPSK	50	0	21.42	21.29	21.18		
20	QPSK	50	24	21.35	21.23	21.17	22	0
20	QPSK	50	50	21.30	21.12	21.13		
20	QPSK	100	0	21.28	21.25	21.22		
20	16QAM	1	0	21.22	21.15	21.20		
20	16QAM	1	49	21.22	21.26	21.11	22	0
20	16QAM	1	99	21.17	21.06	21.09		
20	16QAM	50	0	21.27	21.05	21.19		
20	16QAM	50	24	21.27	21.10	21.03	22	0
20	16QAM	50	50	21.16	21.00	21.04		
20	16QAM	100	0	21.22	21.09	20.98		
20	64QAM	1	0	21.30	21.36	21.15		
20	64QAM	1	49	21.20	21.36	21.13	22	0
20	64QAM	1	99	21.31	21.10	21.13		
20	64QAM	50	0	20.94	20.62	20.65		
20	64QAM	50	24	20.65	20.54	20.57	21	1
20	64QAM	50	50	20.81	20.54	20.61		
20	64QAM	100	0	20.69	20.54	20.54		
20	256QAM	1	0	18.49	18.44	18.24		
20	256QAM	1	49	18.57	18.61	18.28	19	3
20	256QAM	1	99	18.55	18.36	18.56		
20	256QAM	50	0	17.33	17.44	17.21		
20	256QAM	50	24	17.29	17.28	17.17	19	3
20	256QAM	50	50	17.36	17.35	17.28		
20	256QAM	100	0	17.38	17.12	17.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.36	21.18	21.33		
15	QPSK	1	37	21.27	21.14	21.12	22	0
15	QPSK	1	74	21.25	21.15	21.12		
15	QPSK	36	0	21.30	21.24	21.28		
15	QPSK	36	39	21.31	21.26	21.27	22	0
15	QPSK	36	39	21.21	21.08	21.21		
15	QPSK	75	0	21.30	21.20	21.13		
15	16QAM	1	0	21.15	21.13	21.23	22	0
15	16QAM	1	37	21.16	21.05	21.12		
15	16QAM	1	74	21.16	21.09	21.12		
15	16QAM	36	0	21.14	21.14	21.12		
15	16QAM	36	20	21.13	21.12	21.00	22	0
15	16QAM	36	39	21.17	21.12	20.97		
15	16QAM	75	0	21.14	20.95	20.96		
15	64QAM	1	0	21.26	21.25	21.24		
15	64QAM	1	37	21.25	21.24	21.07	22	0
15	64QAM	1	74	21.30	21.16	21.22		
15	64QAM	36	0	20.71	20.58	20.54		
15	64QAM	36	20	20.62	20.44	20.65	21	1
15	64QAM	36	39	20.63	20.53	20.57		
15	64QAM	75	0	20.69	20.43	20.64		
15	256QAM	1	0	18.38	18.44	18.31		
15	256QAM	1	37	18.36	18.55	18.21	19	3
15	256QAM	1	74	18.36	18.21	18.48		
15	256QAM	36	0	17.33	17.36	17.35		
15	256QAM	36	20	17.42	17.37	17.17	19	3
15	256QAM	36	39	17.37	17.18	17.07		
15	256QAM	75	0	17.22	17.22	17.02		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.30	21.21	21.15		
10	QPSK	1	25	21.27	21.12	21.10	22	0
10	QPSK	1	49	21.14	21.25	20.95		
10	QPSK	25	0	21.23	21.33	21.24		
10	QPSK	25	12	21.36	21.26	21.26	22	0
10	QPSK	25	25	21.33	21.06	21.26		
10	QPSK	50	0	21.25	21.18	21.25		
10	16QAM	1	0	21.22	21.27	21.22		
10	16QAM	1	25	21.22	20.98	21.04	22	0
10	16QAM	1	49	21.20	21.08	20.96		
10	16QAM	25	0	21.09	21.02	21.04		
10	16QAM	25	12	21.29	21.15	21.14	22	0
10	16QAM	25	25	21.32	21.00	21.05		
10	16QAM	50	0	21.14	21.07	21.16		
10	64QAM	1	0	21.23	21.29	21.28		
10	64QAM	1	25	21.32	21.32	21.22	22	0
10	64QAM	1	49	21.27	21.11	21.19		
10	64QAM	25	0	20.60	20.49	20.58		
10	64QAM	25	12	20.59	20.50	20.58	21	1
10	64QAM	25	25	20.62	20.39	20.49		
10	64QAM	50	0	20.75	20.50	20.58		
10	256QAM	1	0	18.26	18.35	18.23		
10	256QAM	1	25	18.47	18.41	18.25	19	3
10	256QAM	1	49	18.38	18.16	18.30		
10	256QAM	25	0	17.27	17.38	17.25		
10	256QAM	25	12	17.41	17.26	17.16	19	3
10	256QAM	25	25	17.35	17.26	17.08		
10	256QAM	50	0	17.21	17.11	17.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.28	21.22	21.19		
5	QPSK	1	12	21.28	21.14	21.08	22	0
5	QPSK	1	24	21.26	21.15	21.11		
5	QPSK	12	0	21.34	21.32	21.32		
5	QPSK	12	7	21.34	21.29	21.20	22	0
5	QPSK	12	13	21.41	21.06	21.15		
5	QPSK	25	0	21.31	21.22	21.24		
5	16QAM	1	0	21.08	21.20	21.14		
5	16QAM	1	12	21.12	21.02	21.25	22	0
5	16QAM	1	24	21.11	21.05	21.14		
5	16QAM	12	0	21.05	21.13	21.17		
5	16QAM	12	7	21.24	21.15	21.00	22	0
5	16QAM	12	13	21.28	21.02	21.11		
5	16QAM	25	0	21.05	21.02	20.99		
5	64QAM	1	0	21.37	21.21	21.10		
5	64QAM	1	12	21.32	21.16	21.07	22	0
5	64QAM	1	24	21.32	21.07	21.21		
5	64QAM	12	0	20.66	20.54	20.71		
5	64QAM	12	7	20.68	20.54	20.59	21	1
5	64QAM	12	13	20.74	20.34	20.58		
5	64QAM	25	0	20.72	20.46	20.67		
5	256QAM	1	0	18.33	18.39	18.19		
5	256QAM	1	12	18.49	18.47	18.30	19	3
5	256QAM	1	24	18.36	18.27	18.49		
5	256QAM	12	0	17.32	17.23	17.37		
5	256QAM	12	7	17.34	17.30	17.24	19	3
5	256QAM	12	13	17.37	17.27	17.15		
5	256QAM	25	0	17.25	17.13	17.04		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.50	21.12	21.22		
3	QPSK	1	8	21.21	21.17	21.11	22	0
3	QPSK	1	14	21.20	21.08	21.05		
3	QPSK	8	0	21.31	21.19	21.31		
3	QPSK	8	4	21.28	21.26	21.21	22	0
3	QPSK	8	7	21.23	21.04	21.23		
3	QPSK	15	0	21.39	21.00	21.15		
3	16QAM	1	0	21.20	21.09	21.27	22	0
3	16QAM	1	8	21.19	21.12	21.07		
3	16QAM	1	14	21.16	20.95	20.99		
3	16QAM	8	0	21.25	21.06	20.99		
3	16QAM	8	4	21.19	21.21	21.16	22	0
3	16QAM	8	7	21.18	20.96	20.97		
3	16QAM	15	0	21.17	21.07	20.96		
3	64QAM	1	0	21.27	21.26	21.18		
3	64QAM	1	8	21.31	21.24	21.11	22	0
3	64QAM	1	14	21.17	21.14	21.15		
3	64QAM	8	0	20.66	20.68	20.71		
3	64QAM	8	4	20.63	20.61	20.67	21	1
3	64QAM	8	7	20.70	20.42	20.49		
3	64QAM	15	0	20.71	20.59	20.57		
3	256QAM	1	0	18.40	18.44	18.27		
3	256QAM	1	8	18.39	18.46	18.34	19	3
3	256QAM	1	14	18.50	18.09	18.54		
3	256QAM	8	0	17.37	17.37	17.32		
3	256QAM	8	4	17.37	17.28	17.23	19	3
3	256QAM	8	7	17.29	17.18	17.20		
3	256QAM	15	0	17.19	17.20	17.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.28	21.10	21.20		
1.4	QPSK	1	3	21.28	21.13	21.16		
1.4	QPSK	1	5	21.26	21.19	21.01	22	0
1.4	QPSK	3	0	21.28	21.17	21.32		
1.4	QPSK	3	1	21.28	21.28	21.19		
1.4	QPSK	3	3	21.25	21.13	21.14		
1.4	QPSK	6	0	21.30	21.21	21.26	22	0
1.4	16QAM	1	0	21.17	21.15	21.25		
1.4	16QAM	1	3	21.04	21.05	21.11		
1.4	16QAM	1	5	21.06	20.92	21.14	22	0
1.4	16QAM	3	0	21.24	20.99	21.16		
1.4	16QAM	3	1	21.30	21.11	21.06		
1.4	16QAM	3	3	21.22	20.89	20.99		
1.4	16QAM	6	0	21.19	21.02	21.07	22	0
1.4	64QAM	1	0	21.24	21.17	21.22		
1.4	64QAM	1	3	21.14	21.17	21.19		
1.4	64QAM	1	5	21.20	21.16	21.09	22	0
1.4	64QAM	3	0	20.77	20.66	20.73		
1.4	64QAM	3	1	20.59	20.56	20.60		
1.4	64QAM	3	3	20.69	20.57	20.57		
1.4	64QAM	6	0	20.57	20.50	20.66	21	1
1.4	256QAM	1	0	18.48	18.42	18.17		
1.4	256QAM	1	3	18.57	18.55	18.29		
1.4	256QAM	1	5	18.30	18.11	18.34	19	3
1.4	256QAM	3	0	17.20	17.28	17.37		
1.4	256QAM	3	1	17.38	17.31	17.16		
1.4	256QAM	3	3	17.41	17.20	17.22		
1.4	256QAM	6	0	17.31	17.21	17.07	19	3

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.21	16.11	16.08		
20	QPSK	1	49	16.07	16.05	16.00	17.5	0
20	QPSK	1	99	16.01	16.02	16.05		
20	QPSK	50	0	16.19	16.17	16.16		
20	QPSK	50	24	16.14	16.06	16.11	17.5	0
20	QPSK	50	50	16.17	15.97	16.14		
20	QPSK	100	0	16.11	16.07	16.10		
20	16QAM	1	0	16.09	16.07	16.11		
20	16QAM	1	49	15.96	16.02	16.03	17.5	0
20	16QAM	1	99	15.85	16.05	16.02		
20	16QAM	50	0	15.89	15.85	15.83		
20	16QAM	50	24	15.84	15.82	15.85	17.5	0
20	16QAM	50	50	15.87	15.69	15.85		
20	16QAM	100	0	15.80	15.71	15.79		
20	64QAM	1	0	16.18	15.90	15.97		
20	64QAM	1	49	16.08	15.82	16.03	17.5	0
20	64QAM	1	99	16.07	15.76	15.97		
20	64QAM	50	0	15.99	15.79	15.90		
20	64QAM	50	24	15.82	15.80	15.85	17.5	0
20	64QAM	50	50	15.82	15.67	15.88		
20	64QAM	100	0	15.82	15.80	15.79		
20	256QAM	1	0	13.87	15.79	15.69		
20	256QAM	1	49	15.70	15.68	15.71	17.5	0
20	256QAM	1	99	15.65	15.80	15.80		
20	256QAM	50	0	15.79	15.63	15.77		
20	256QAM	50	24	15.77	15.78	15.77	17.5	0
20	256QAM	50	50	15.80	15.57	15.81		
20	256QAM	100	0	15.73	15.62	15.69		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.03	15.93	15.76		
15	QPSK	1	37	15.92	15.92	15.77	17.5	0
15	QPSK	1	74	15.84	15.89	15.81		
15	QPSK	36	0	16.12	15.96	16.03		
15	QPSK	36	20	16.07	15.94	16.05	17.5	0
15	QPSK	36	39	15.94	15.79	16.11		
15	QPSK	75	0	15.98	15.96	16.00		
15	16QAM	1	0	16.13	16.17	16.18		
15	16QAM	1	37	16.08	16.06	16.16	17.5	0
15	16QAM	1	74	16.01	16.12	16.04		
15	16QAM	36	0	16.00	15.94	15.97		
15	16QAM	36	20	16.07	15.94	16.05	17.5	0
15	16QAM	36	39	16.07	15.74	16.08		
15	16QAM	75	0	15.98	15.90	16.00		
15	64QAM	1	0	16.17	16.01	16.03		
15	64QAM	1	37	16.15	16.07	16.17	17.5	0
15	64QAM	1	74	16.14	15.96	16.09		
15	64QAM	36	0	16.13	15.90	15.96		
15	64QAM	36	20	16.01	15.93	16.07	17.5	0
15	64QAM	36	39	15.98	15.76	15.95		
15	64QAM	75	0	16.01	15.99	15.97		
15	256QAM	1	0	15.95	15.93	15.91		
15	256QAM	1	37	15.91	15.89	15.76	17.5	0
15	256QAM	1	74	15.92	15.89	15.90		
15	256QAM	36	0	15.90	15.69	15.91		
15	256QAM	36	20	15.87	15.99	16.00	17.5	0
15	256QAM	36	39	15.97	15.67	15.90		
15	256QAM	75	0	15.88	15.67	15.91		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.07	15.93	15.74		
10	QPSK	1	25	15.91	15.89	15.84	17.5	0
10	QPSK	1	49	15.79	15.83	15.87		
10	QPSK	25	0	15.97	15.97	15.94		
10	QPSK	25	12	15.92	15.93	15.95	17.5	0
10	QPSK	25	25	15.85	15.86	16.02		
10	QPSK	50	0	16.02	15.88	16.00		
10	16QAM	1	0	16.12	16.15	16.17		
10	16QAM	1	25	16.07	16.10	16.10	17.5	0
10	16QAM	1	49	16.07	16.16	16.17		
10	16QAM	25	0	16.12	15.90	16.06		
10	16QAM	25	12	16.12	15.96	16.03	17.5	0
10	16QAM	25	25	16.06	15.83	15.90		
10	16QAM	50	0	15.98	15.77	15.96		
10	64QAM	1	0	16.13	16.16	16.16		
10	64QAM	1	25	16.14	15.94	16.11	17.5	0
10	64QAM	1	49	16.15	15.96	16.02		
10	64QAM	25	0	16.09	16.01	16.09		
10	64QAM	25	12	16.04	15.96	16.05	17.5	0
10	64QAM	25	25	15.93	15.73	15.99		
10	64QAM	50	0	15.94	16.01	16.03		
10	256QAM	1	0	15.91	15.90	15.90		
10	256QAM	1	25	15.96	15.75	15.88	17.5	0
10	256QAM	1	49	15.83	15.90	15.92		
10	256QAM	25	0	15.87	15.91	16.01		
10	256QAM	25	12	15.92	15.97	16.01	17.5	0
10	256QAM	25	25	15.85	15.82	15.94		
10	256QAM	50	0	15.79	15.89	15.77		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.09	15.91	15.79		
5	QPSK	1	12	15.87	15.82	15.85	17.5	0
5	QPSK	1	24	15.85	15.88	15.92		
5	QPSK	12	0	16.02	15.96	15.98		
5	QPSK	12	7	15.96	15.94	15.94	17.5	0
5	QPSK	12	13	15.97	15.77	16.02		
5	QPSK	25	0	16.02	15.85	16.00		
5	16QAM	1	0	16.12	16.15	16.15		
5	16QAM	1	12	16.12	16.17	16.12	17.5	0
5	16QAM	1	24	15.96	16.17	16.13		
5	16QAM	12	0	16.03	15.93	15.91		
5	16QAM	12	7	16.04	15.96	16.06	17.5	0
5	16QAM	12	13	15.95	15.81	15.98		
5	16QAM	25	0	16.02	15.94	15.86		
5	64QAM	1	0	16.15	16.11	16.12		
5	64QAM	1	12	16.16	16.15	16.15	17.5	0
5	64QAM	1	24	16.19	15.91	16.06		
5	64QAM	12	0	16.20	15.95	16.13		
5	64QAM	12	7	16.15	15.96	16.02	17.5	0
5	64QAM	12	13	15.87	15.92	16.13		
5	64QAM	25	0	16.03	15.92	16.03		
5	256QAM	1	0	16.07	15.88	15.88		
5	256QAM	1	12	15.78	15.85	15.96	17.5	0
5	256QAM	1	24	15.81	15.86	16.04		
5	256QAM	12	0	15.96	15.71	15.87		
5	256QAM	12	7	15.96	15.93	15.93	17.5	0
5	256QAM	12	13	16.05	15.66	16.03		
5	256QAM	25	0	15.87	15.71	15.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.05	15.90	15.79		
3	QPSK	1	8	15.91	15.89	15.79	17.5	0
3	QPSK	1	14	15.78	15.89	15.89		
3	QPSK	8	0	16.05	15.88	15.99		
3	QPSK	8	4	15.97	15.98	16.00	17.5	0
3	QPSK	8	7	15.99	15.77	16.10		
3	QPSK	15	0	16.03	15.96	15.96		
3	16QAM	1	0	16.11	16.23	16.18		
3	16QAM	1	8	16.04	16.08	16.20	17.5	0
3	16QAM	1	14	15.96	16.11	16.15		
3	16QAM	8	0	15.96	16.04	16.05		
3	16QAM	8	4	16.04	15.98	16.04	17.5	0
3	16QAM	8	7	16.04	15.81	15.94		
3	16QAM	15	0	15.99	15.79	15.87		
3	64QAM	1	0	16.17	15.98	16.07		
3	64QAM	1	8	16.16	16.06	16.15	17.5	0
3	64QAM	1	14	16.19	16.01	16.15		
3	64QAM	8	0	16.01	15.92	15.95		
3	64QAM	8	4	16.01	15.89	16.09	17.5	0
3	64QAM	8	7	15.96	15.79	16.02		
3	64QAM	15	0	15.99	16.02	15.92		
3	256QAM	1	0	15.94	15.77	15.85		
3	256QAM	1	8	15.91	15.94	15.77	17.5	0
3	256QAM	1	14	15.81	15.75	16.04		
3	256QAM	8	0	15.93	15.71	15.92		
3	256QAM	8	4	15.97	15.75	15.91	17.5	0
3	256QAM	8	7	16.04	15.78	15.96		
3	256QAM	15	0	15.97	15.83	15.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.07	15.86	15.77		
1.4	QPSK	1	3	15.82	15.89	15.83		
1.4	QPSK	1	5	15.83	15.84	15.91	17.5	0
1.4	QPSK	3	0	15.97	15.92	16.00		
1.4	QPSK	3	1	15.91	15.86	16.02		
1.4	QPSK	3	3	16.01	15.78	16.08		
1.4	QPSK	6	0	16.05	15.88	15.95	17.5	0
1.4	16QAM	1	0	16.05	16.15	16.15		
1.4	16QAM	1	3	16.06	16.11	16.15		
1.4	16QAM	1	5	16.01	16.13	16.13	17.5	0
1.4	16QAM	3	0	16.04	16.00	15.95		
1.4	16QAM	3	1	16.02	15.94	15.94		
1.4	16QAM	3	3	15.97	15.75	15.96		
1.4	16QAM	6	0	16.11	15.96	16.02	17.5	0
1.4	64QAM	1	0	16.16	16.01	16.19		
1.4	64QAM	1	3	16.15	16.03	16.12		
1.4	64QAM	1	5	16.14	16.06	16.06	17.5	0
1.4	64QAM	3	0	16.14	15.89	15.98		
1.4	64QAM	3	1	16.17	15.94	15.94		
1.4	64QAM	3	3	15.93	15.82	16.02		
1.4	64QAM	6	0	16.06	15.89	15.92	17.5	0
1.4	256QAM	1	0	16.04	15.87	16.01		
1.4	256QAM	1	3	15.96	15.76	15.87		
1.4	256QAM	1	5	15.86	15.85	15.96	17.5	0
1.4	256QAM	3	0	15.96	15.68	15.93		
1.4	256QAM	3	1	15.96	15.86	15.96		
1.4	256QAM	3	3	15.91	15.72	15.75	17.5	0

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.36	20.49	20.35		
20	QPSK	1	49	20.32	20.28	20.33	20.5	0
20	QPSK	1	99	20.33	20.30	20.28		
20	QPSK	50	0	20.40	20.43	20.37		
20	QPSK	50	24	20.36	20.40	20.36	20.5	0
20	QPSK	50	50	20.31	20.26	20.26		
20	QPSK	100	0	20.19	20.21	20.19		
20	16QAM	1	0	20.32	20.31	20.31		
20	16QAM	1	49	20.30	20.24	20.27	20.5	0
20	16QAM	1	99	20.22	20.28	20.29		
20	16QAM	50	0	20.21	20.23	20.24		
20	16QAM	50	24	20.35	20.34	20.28	20.5	0
20	16QAM	50	50	20.33	20.30	20.28	

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				826.5	836.5	846		
10	QPSK	1	0	23.60	24.02	23.52		
10	QPSK	1	25	23.59	23.61	23.42	24.2	0
10	QPSK	1	49	23.54	23.59	23.42		
10	QPSK	25	0	23.60	23.69	23.43		
10	QPSK	25	12	23.64	23.66	23.41	24.2	0
10	QPSK	25	25	23.60	23.65	23.35		
10	QPSK	50	0	23.68	23.69	23.44		
10	16QAM	1	0	23.66	23.46	23.64		
10	16QAM	1	25	23.51	23.61	23.26	24.2	0
10	16QAM	1	49	23.62	23.75	23.51		
10	16QAM	25	0	22.94	22.88	22.65		
10	16QAM	25	12	22.92	23.02	22.77	23.7	0.5
10	16QAM	25	25	23.02	22.92	22.60		
10	16QAM	50	0	22.99	22.93	22.66		
10	64QAM	1	0	22.98	23.02	22.65		
10	64QAM	1	25	23.21	23.20	23.00	23.7	0.5
10	64QAM	1	49	23.10	23.08	22.93		
10	64QAM	25	0	21.95	21.96	21.67		
10	64QAM	25	12	21.90	21.91	21.71	22.7	1.5
10	64QAM	25	25	21.95	21.86	21.59		
10	64QAM	50	0	21.90	21.85	21.63		
10	256QAM	1	0	20.33	20.37	20.13		
10	256QAM	1	25	20.68	20.58	20.46	20.7	3.5
10	256QAM	1	49	20.45	20.48	20.46		
10	256QAM	25	0	19.92	19.85	19.61		
10	256QAM	25	12	19.80	19.79	19.66	20.7	3.5
10	256QAM	25	25	19.82	19.71	19.53		
10	256QAM	50	0	19.80	19.83	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.87	23.92	23.62		
5	QPSK	1	12	23.86	23.80	23.71	24.2	0
5	QPSK	1	24	23.81	23.89	23.59		
5	QPSK	12	0	23.40	23.44	23.15		
5	QPSK	12	7	23.42	23.42	23.18	24.2	0
5	QPSK	12	13	23.34	23.40	23.09		
5	QPSK	25	0	23.47	23.41	23.24		
5	16QAM	1	0	23.65	23.41	23.64		
5	16QAM	1	12	23.46	23.87	23.20	24.2	0
5	16QAM	1	24	23.56	23.69	23.49		
5	16QAM	12	0	22.86	22.84	22.65		
5	16QAM	12	7	22.87	23.00	22.73	23.7	0.5
5	16QAM	12	13	23.02	22.87	22.58		
5	16QAM	25	0	22.95	22.85	22.59		
5	64QAM	1	0	22.98	22.95	22.62		
5	64QAM	1	12	23.19	23.12	22.96	23.7	0.5
5	64QAM	1	24	23.03	23.02	22.90		
5	64QAM	12	0	21.91	21.85	21.66		
5	64QAM	12	7	21.88	21.80	21.65	22.7	1.5
5	64QAM	12	13	21.87	21.76	21.57		
5	64QAM	25	0	21.90	21.87	21.58		
5	256QAM	1	0	20.29	20.33	20.13		
5	256QAM	1	12	20.67	20.50	20.42	20.7	3.5
5	256QAM	1	24	20.43	20.41	20.33		
5	256QAM	12	0	19.94	19.84	19.58		
5	256QAM	12	7	19.74	19.75	19.66	20.7	3.5
5	256QAM	12	13	19.76	19.64	19.52		
5	256QAM	25	0	19.76	19.77	19.43		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	847.5		
3	QPSK	1	0	23.87	23.85	23.65		
3	QPSK	1	8	23.82	23.91	23.72	24.2	0
3	QPSK	1	14	23.78	23.84	23.64		
3	QPSK	8	0	23.35	23.45	23.17		
3	QPSK	8	4	23.42	23.46	23.21	24.2	0
3	QPSK	8	7	23.34	23.38	23.15		
3	QPSK	15	0	23.47	23.44	23.24		
3	16QAM	1	0	23.63	23.47	23.62		
3	16QAM	1	8	23.50	23.86	23.25	24.2	0
3	16QAM	1	14	23.83	23.75	23.47		
3	16QAM	8	0	22.86	22.85	22.57		
3	16QAM	8	4	22.91	23.01	22.71	23.7	0.5
3	16QAM	8	7	22.98	22.91	22.57		
3	16QAM	15	0	22.93	22.89	22.61		
3	64QAM	1	0	22.96	23.01	22.58		
3	64QAM	1	8	23.15	23.14	22.92	23.7	0.5
3	64QAM	1	14	23.06	23.03	22.92		
3	64QAM	8	0	21.88	21.88	21.61		
3	64QAM	8	4	21.89	21.87	21.63	22.7	1.5
3	64QAM	8	7	21.88	21.83	21.54		
3	64QAM	15	0	21.82	21.86	21.59		
3	256QAM	1	0	20.28	20.36	20.10		
3	256QAM	1	8	20.67	20.52	20.44	20.7	3.5
3	256QAM	1	14	20.39	20.46	20.33		
3	256QAM	8	0	19.92	19.83	19.60		
3	256QAM	8	4	19.80	19.74	19.65	20.7	3.5
3	256QAM	8	7	19.74	19.67	19.53		
3	256QAM	15	0	19.72	19.75	19.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.90	23.94	23.61		
1.4	QPSK	1	3	23.82	23.89	23.64		
1.4	QPSK	1	5	23.80	23.83	23.61	24.2	0
1.4	QPSK	3	0	23.83	23.99	23.67		
1.4	QPSK	3	2	23.84	23.92	23.63		
1.4	QPSK	3	3	23.84	23.86	23.59		
1.4	QPSK	6	0	23.42	23.43	23.23	24.2	0
1.4	16QAM	1	0	23.58	23.41	23.59		
1.4	16QAM	1	3	23.51	23.89	23.23		
1.4	16QAM	1	5	23.88	23.70	23.44	24.2	0
1.4	16QAM	3	0	22.88	22.92	22.71		
1.4	16QAM	3	1	22.88	22.95	22.73		
1.4	16QAM	3	2	22.87	22.87	23.08		
1.4	16QAM	6	0	22.96	22.91	22.60	23.7	0.5
1.4	64QAM	1	0	22.93	22.94	22.58		
1.4	64QAM	1	3	23.13	23.20	22.96		
1.4	64QAM	1	5	23.10	23.08	22.86	23.7	0.5
1.4	64QAM	3	0	21.95	21.89	22.09		
1.4	64QAM	3	1	21.93	21.83	21.71		
1.4	64QAM	3	2	21.91	21.85	22.09		
1.4	64QAM	6	0	21.82	21.92	21.56	22.7	1.5
1.4	256QAM	1	0	20.29	20.36	20.07		
1.4	256QAM	1	3	20.62	20.55	20.41		
1.4	256QAM	1	5	20.44	20.47	20.36		
1.4	256QAM	3	0	19.85	19.80	19.61	20.7	3.5
1.4	256QAM	3	1	19.79	19.75	19.60		
1.4	256QAM	3	3	19.76	19.68	19.52		
1.4	256QAM	6	0	19.79	19.78	19.51	20.7	3.5

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				826.5	836.5	846		
10	QPSK	1	0	19.88	19.96	19.90		
10	QPSK	1	25	19.88	19.85	19.86	20.7	0
10	QPSK	1	49	19.84	19.85	19.82		
10	QPSK	25	0	19.77	19.94	19.77		
10	QPSK	25	12	19.75	19.86	19.72	20.7	0
10	QPSK	25	25	19.75	19.88	19.71		
10	QPSK	50	0	19.86	19.92	19.91		
10	16QAM	1	0	19.92	19.84	19.93		
10	16QAM	1	25	19.85	19.87	19.87	20.7	0
10	16QAM	1	49	19.88	19.85	19.84		
10	16QAM	25	0	19.71	19.89	19.86		
10	16QAM	25	12	19.93	19.83	19.90	20.7	0
10	16QAM	25	25	19.86	19.83	19.83		
10	16QAM	50	0	19.89	19.88	19.91		
10	64QAM	1	0	19.91	19.93	19.89		
10	64QAM	1	25	19.90	19.91	19.92	20.7	0
10	64QAM	1	49	19.91	19.86	19.88		
10	64QAM	25	0	19.80	19.87	19.86		
10	64QAM	25	12	19.94	19.92	19.89	20.7	0
10	64QAM	25	25	19.84	19.90	19.89		
10	64QAM	50	0	19.88	19.91	19.93		
10	256QAM	1	0	19.91	19.85	19.87		
10	256QAM	1	25	19.88	19.89	19.88	20.7	0
10	256QAM	1	49	19.78	19.80	19.85		
10	256QAM	25	0	19.89	19.90	19.91		
10	256QAM	25	12	19.87	19.82	19.90	20.7	0
10	256QAM	25	25	19.80	19.82	19.86		
10	256QAM	50	0	19.70	19.75	19.72		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.73	19.88	19.75		
5	QPSK	1	12	19.70	19.79	19.74	20.7	0
5	QPSK	1	24	19.74	19.69	19.69		
5	QPSK	12	0	19.57	19.79	19.58		
5	QPSK	12	7	19.63	19.79	19.65	20.7	0
5	QPSK	12	13	19.68	19.79	19.63		
5	QPSK	25	0	19.68	19.72	19.63		
5	16QAM	1	0	19.85	19.64	19.80		
5	16QAM	1	12	19.65	19.74	19.78	20.7	0
5	16QAM	1	24	19.76	19.74	19.74		
5	16QAM	12	0	19.75	19.81	19.81		
5	16QAM	12	7	19.84	19.76	19.70	20.7	0
5	16QAM	12	13	19.69	19.71	19.78		
5	16QAM	25	0	19.76	19.72	19.82		
5	64QAM	1	0	19.74	19.80	19.79		
5	64QAM	1	12	19.76	19.76	19.75	20.7	0
5	64QAM	1	24	19.81	19.78	19.76		
5	64QAM	12	0	19.70	19.81	19.72		
5	64QAM	12	7	19.85	19.79	19.79	20.7	0
5	64QAM	12	13	19.85	19.83	19.71		
5	64QAM	25	0	19.72	19.71	19.80		
5	256QAM	1	0	19.73	19.70	19.77		
5	256QAM	1	12	19.82	19.78	19.77	20.7	0
5	256QAM	1	24	19.67	19.72	19.67		
5	256QAM	12	0	19.74	19.77	19.73		
5	256QAM	12	7	19.79	19.71	19.72	20.7	0
5	256QAM	12	13	19.60	19.69	19.78		
5	256QAM	25	0	19.51	19.68	19.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
3	QPSK	1	0	19.71	19.90	19.75		
3	QPSK	1	8	19.80	19.76	19.72	20.7	0
3	QPSK	1	14	19.72	19.78	19.69		
3	QPSK	8	0	19.53	19.65	19.56		
3	QPSK	8	4	19.62	19.75	19.64	20.7	0
3	QPSK	8	7	19.63	19.77	19.54		
3	QPSK	15	0	19.68	19.89	19.86		
3	16QAM	1	0	19.72	19.76	19.78		
3	16QAM	1	8	19.80	19.86	19.76	20.7	0
3	16QAM	1	14	19.74	19.78	19.66		
3	16QAM	8	0	19.71	19.83	19.70		
3	16QAM	8	4	19.82	19.68	19.63	20.7	0
3	16QAM	8	7	19.79	19.71	19.71		
3	16QAM	15	0	19.79	19.80	19.85		
3	64QAM	1	0	19.77	19.86	19.77		
3	64QAM	1	8	19.73	19.73	19.75	20.7	0
3	64QAM	1	14	19.83	19.77	19.72		
3	64QAM	8	0	19.63	19.72	19.75		
3	64QAM	8	4	19.80	19.84	19.71	20.7	0
3	64QAM	8	7	19.71	19.74	19.77		
3	64QAM	15	0	19.69	19.82	19.87		
3	256QAM	1	0	19.75	19.74	19.79		
3	256QAM	1	8	19.71	19.71	19.74	20.7	0
3	256QAM	1	14	19.67	19.67	19.80		
3	256QAM	8	0	19.74	19.77	19.82		
3	256QAM	8	4	19.80	19.69	19.82	20.7	0
3	256QAM	8	7	19.75	19.74	19.75		
3	256QAM	15	0	19.56	19.69	19.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.79	19.89	19.84		
1.4	QPSK	1	3	19.74	19.79	19.74		
1.4	QPSK	1	5	19.75	19.87	19.77	20.7	0
1.4	QPSK	3	0	19.68	19.74	19.58		
1.4	QPSK	3	2	19.70	19.79	19.61		
1.4	QPSK	3	3	19.68	19.78	19.55		
1.4	QPSK	6	0	19.69	19.72	19.63	20.7	0
1.4	16QAM	1	0	19.80	19.75	19.77		
1.4	16QAM	1	3	19.69	19.72	19.70		
1.4	16QAM	1	5	19.73	19.78	19.75	20.7	0
1.4	16QAM	3	0	19.73	19.73	19.69		
1.4	16QAM	3	1	19.81	19.72	19.81		
1.4	16QAM	3	2	19.72	19.79	19.69		
1.4	16QAM	6	0	19.79	19.78	19.85	20.7	0
1.4	64QAM	1	0	19.79	19.83	19.81		
1.4	64QAM	1	3	19.78	19.78	19.77		
1.4	64QAM	1	5	19.71	19.71	19.69	20.7	0
1.4	64QAM	3	0	19.69	19.75	19.66		
1.4	64QAM	3	1	19.73	19.73	19.73		
1.4	64QAM	3	3	19.76	19.80	19.77		
1.4	64QAM	6	0	19.79	19.73	19.67	20.7	0
1.4	256QAM	1	0	19.76	19.75	19.76		
1.4	256QAM	1	3	19.79	19.69	19.68		
1.4	256QAM	1	5	19.62	19.74	19.66	20.7	0
1.4	256QAM	3	0	19.72	19.80	19.76		
1.4	256QAM	3	1	19.71	19.67	19.75		
1.4	256QAM	3	3	19.70	19.70	19.73		
1.4	256QAM	6	0	19.64	19.64	19.62	20.7	0

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.68	20.26		
20	QPSK	1	49	20.66	20.37	20.25	21.5	0
20	QPSK	1	99	20.66	20.43	20.23		
20	QPSK	50	0	20.49	20.56	20.31		
20	QPSK	50	24	20.50	20.49	20.15	21.5	0
20	QPSK	50	50	20.20	20.29	20.34		
20	QPSK	100	0	20.41	20.51	20.29		
20	16QAM	1	0	20.41	20.54	20.24		
20	16QAM	1	49	20.50	20.54	20.52	21.5	0
20	16QAM	1	99	19.97	20.37	20.40		
20	16QAM	50	0	19.37	19.52	19.27		
20	16QAM	50	24	19.44	19.56	19.38	21	0.5
20	16QAM	50	50	19.55	19.41	19.30		
20	16QAM	100	0	19.37	19.55	19.37		
20	64QAM	1	0	19.48	19.71	19.59		
20	64QAM	1	49	19.58	19.79	19.17	21	0.5
20	64QAM	1	99	19.70	19.49	19.27		
20	64QAM	50	0	18.48	18.58	18.26		
20	64QAM	50	24	18.61	18.39	18.26	20	1.5
20	64QAM	50	50	18.47	18.34	18.28		
20	64QAM	100	0	18.53	18.58	18.27		
20	256QAM	1	0	16.70	16.71	16.52		
20	256QAM	1	49	16.60	16.73	16.43	18	3.5
20	256QAM	1	99	16.74	16.74	16.36		
20	256QAM	50	0	16.46	16.51	16.43		
20	256QAM	50	24	16.68	16.58	16.23	18	3.5
20	256QAM	50	50	16.62	16.52	16.35		
20	256QAM	100	0	16.60	16.49	16.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.66	20.19		
15	QPSK	1	37	20.67	20.38	20.32	21.5	0
15	QPSK	1	74	20.64	20.43	20.16		
15	QPSK	36	0	20.53	20.55	20.32		
15	QPSK	36	20	20.36	20.46	20.15	21.5	0
15	QPSK	36	39	20.28	20.31	20.30		
15	QPSK	75	0	20.41	20.55	20.28		
15	16QAM	1	0	20.35	20.49	20.21		
15	16QAM	1	37	20.54	20.59	20.50	21.5	0
15	16QAM	1	74	19.95	20.40	20.36		
15	16QAM	36	0	19.42	19.59	19.26		
15	16QAM	36	20	19.43	19.59	19.38	21	0.5
15	16QAM	36	39	19.54	19.38	19.37		
15	16QAM	75	0	19.38	19.51	19.29		
15	64QAM	1	0	19.55	19.70	19.50		
15	64QAM	1	37	19.54	19.72	19.14	21	0.5
15	64QAM	1	74	19.64	19.47	19.35		
15	64QAM	36	0	18.47	18.48	18.36		
15	64QAM	36	20	18.55	18.43	18.28	20	1.5
15	64QAM	36	39	18.50	18.33	18.28		
15	64QAM	75	0	18.52	18.45	18.31		
15	256QAM	1	0	16.61	16.72	16.45		
15	256QAM	1	37	16.61	16.72	16.46	18	3.5
15	256QAM	1	74	16.72	16.73	16.36		
15	256QAM	36	0	16.46	16.51	16.39		
15	256QAM	36	20	16.57	16.57	16.29	18	3.5
15	256QAM	36	39	16.58	16.43	16.29		
15	256QAM	75	0	16.69	16.50	16.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.57	20.62	20.19		
10	QPSK	1	25	20.62	20.43	20.28	21.5	0
10	QPSK	1	49	20.60	20.49	20.25		
10	QPSK	25	0	20.36	20.50	20.31		
10	QPSK	25	12	20.35	20.43	20.17	21.5	0
10	QPSK	25	25	20.30	20.34	20.36		
10	QPSK	50	0	20.44	20.47	20.26		
10	16QAM	1	0	20.42	20.54	20.28		
10	16QAM	1	25	20.49	20.47	20.36	21.5	0
10	16QAM	1	49	20.01	20.35	20.38		
10	16QAM	25	0	19.39	19.47	19.26		
10	16QAM	25	12	19.44	19.56	19.40	21	0.5
10	16QAM	25	25	19.47	19.33	19.34		
10	16QAM	50	0	19.43	19.56	19.36		
10	64QAM	1	0	19.55	19.65	19.57		
10	64QAM	1	25	19.62	19.77	19.17	21	0.5
10	64QAM	1	49	19.72	19.52	19.35		
10	64QAM	25	0	18.45	18.49	18.39		
10	64QAM	25	12	18.53	18.64	18.24	20	1.5
10	64QAM	25	25	18.42	18.49	18.26		
10	64QAM	50	0	18.53	18.50	18.33		
10	256QAM	1	0	16.68	16.78	16.43		
10	256QAM	1	25	16.69	16.74	16.44	18	3.5
10	256QAM	1	49	16.72	16.72	16.34		
10	256QAM	25	0	16.54	16.54	16.39		
10	256QAM	25	12	16.65	16.55	16.29	18	3.5
10	256QAM	25	25	16.65	16.53	16.38		
10	256QAM	50	0	16.62	16.57	16.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.58	20.65	20.16		
5	QPSK	1	12	20.60	20.36	20.23	21.5	0
5	QPSK	1	24	20.58	20.47	20.24		
5	QPSK	12	0	20.50	20.52	20.35		
5	QPSK	12	7	20.52	20.47	20.13	21.5	0
5	QPSK	12	13	20.19	20.30	20.28		
5	QPSK	25	0	20.42	20.56	20.29		
5	16QAM	1	0	20.49	20.60	20.22		
5	16QAM	1	12	20.58	20.52	20.48	21.5	0
5	16QAM	1	24	20.04	20.42	20.31		
5	16QAM	12	0	19.36	19.53	19.28		
5	16QAM	12	7	19.45	19.60	19.40	21	0.5
5	16QAM	12	13	19.51	19.31	19.31		
5	16QAM	25	0	19.36	19.55	19.33		
5	64QAM	1	0	19.45	19.74	19.55		
5	64QAM	1	12	19.61	19.47	19.31	21	0.5
5	64QAM	1	24	19.64	19.49	19.31		
5	64QAM	12	0	18.54	18.54	18.39		
5	64QAM	12	7	18.61	18.47	18.31	20	1.5
5	64QAM	12	13	18.49	18.37	18.33		
5	64QAM	25	0	18.54	18.54	18.32		
5	256QAM	1	0	16.65	16.75	16.51		
5	256QAM	1	12	16.65	16.65	16.46	18	3.5
5	256QAM	1	24	16.75	16.74	16.32		
5	256QAM	12	0	16.53	16.56	16.46		
5	256QAM	12	7	16.67	16.59	16.28	18	3.5
5	256QAM	12	13	16.66	16.48	16.40		
5	256QAM	25	0	16.60	16.55	16.49		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.55	19.66	19.48		
20	QPSK	1	49	19.50	19.52	19.47	20	0
20	QPSK	1	99	19.46	19.51	19.43		
20	QPSK	50	0	19.49	19.60	19.53		
20	QPSK	50	24	19.44	19.54	19.52	20	0
20	QPSK	50	50	19.47	19.56	19.47		
20	QPSK	100	0	19.53	19.54

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.72	15.88	15.74	16.7	0
20	QPSK	1	49	15.48	15.58	15.56		
20	QPSK	1	99	15.51	15.57	15.55		
20	QPSK	50	0	15.62	15.75	15.67	16.7	0
20	QPSK	50	24	15.52	15.69	15.59		
20	QPSK	50	50	15.45	15.63	15.58		
20	QPSK	100	0	15.47	15.63	15.62		
20	16QAM	1	0	15.26	15.10	15.08	16.7	0
20	16QAM	1	49	15.26	15.23	15.11		
20	16QAM	1	99	15.29	15.49	15.12		
20	16QAM	50	0	15.33	15.68	15.67	16.7	0
20	16QAM	50	24	15.48	15.68	15.54		
20	16QAM	50	50	15.55	15.77	15.49		
20	16QAM	100	0	15.44	15.55	15.55		
20	64QAM	1	0	15.72	15.52	15.50	16.7	0
20	64QAM	1	49	15.27	15.65	15.55		
20	64QAM	1	99	15.58	15.67	15.65		
20	64QAM	50	0	15.37	15.43	15.63	16.7	0
20	64QAM	50	24	15.51	15.62	15.58		
20	64QAM	50	50	15.54	15.72	15.46		
20	64QAM	100	0	15.46	15.58	15.51		
20	256QAM	1	0	15.30	15.53	15.85	16.7	0
20	256QAM	1	49	15.31	15.61	15.69		
20	256QAM	1	99	15.47	15.65	15.64		
20	256QAM	50	0	15.45	15.53	15.57	16.7	0
20	256QAM	50	24	15.32	15.45	15.56		
20	256QAM	50	50	15.41	15.55	15.53		
20	256QAM	100	0	15.34	15.47	15.59		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.50	15.70	15.72	16.7	0
15	QPSK	1	37	15.39	15.45	15.55		
15	QPSK	1	74	15.49	15.53	15.46		
15	QPSK	36	0	15.28	15.60	15.65	16.7	0
15	QPSK	36	20	15.52	15.52	15.49		
15	QPSK	36	39	15.44	15.56	15.54		
15	QPSK	75	0	15.42	15.48	15.56		
15	16QAM	1	0	15.16	14.95	14.96	16.7	0
15	16QAM	1	37	15.17	15.20	15.09		
15	16QAM	1	74	15.13	15.39	14.96		
15	16QAM	36	0	15.21	15.66	15.65	16.7	0
15	16QAM	36	20	15.38	15.52	15.41		
15	16QAM	36	39	15.37	15.69	15.47		
15	16QAM	75	0	15.39	15.44	15.53		
15	64QAM	1	0	15.55	15.41	15.39	16.7	0
15	64QAM	1	37	15.16	15.57	15.45		
15	64QAM	1	74	15.56	15.51	15.58		
15	64QAM	36	0	15.28	15.53	15.48	16.7	0
15	64QAM	36	20	15.38	15.52	15.51		
15	64QAM	36	39	15.54	15.55	15.36		
15	64QAM	75	0	15.36	15.56	15.49		
15	256QAM	1	0	15.15	15.53	15.78	16.7	0
15	256QAM	1	37	15.28	15.48	15.65		
15	256QAM	1	74	15.33	15.51	15.55		
15	256QAM	36	0	15.35	15.44	15.44	16.7	0
15	256QAM	36	20	15.18	15.31	15.39		
15	256QAM	36	39	15.27	15.43	15.48		
15	256QAM	75	0	15.17	15.37	15.50		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.47	15.72	15.63	16.7	0
10	QPSK	1	25	15.36	15.42	15.48		
10	QPSK	1	49	15.34	15.49	15.40		
10	QPSK	25	0	15.42	15.72	15.60	16.7	0
10	QPSK	25	12	15.47	15.51	15.59		
10	QPSK	25	25	15.41	15.63	15.54		
10	QPSK	50	0	15.32	15.51	15.48		
10	16QAM	1	0	15.05	15.05	14.93	16.7	0
10	16QAM	1	25	15.24	15.20	14.96		
10	16QAM	1	49	15.28	15.38	14.95		
10	16QAM	25	0	15.19	15.54	15.57	16.7	0
10	16QAM	25	12	15.35	15.55	15.37		
10	16QAM	25	25	15.39	15.66	15.33		
10	16QAM	50	0	15.29	15.47	15.55		
10	64QAM	1	0	15.66	15.36	15.37	16.7	0
10	64QAM	1	25	15.16	15.47	15.49		
10	64QAM	1	49	15.45	15.65	15.52		
10	64QAM	25	0	15.34	15.58	15.47	16.7	0
10	64QAM	25	12	15.42	15.53	15.45		
10	64QAM	25	25	15.36	15.69	15.43		
10	64QAM	50	0	15.36	15.54	15.51		
10	256QAM	1	0	15.24	15.35	15.74	16.7	0
10	256QAM	1	25	15.31	15.54	15.61		
10	256QAM	1	49	15.30	15.61	15.63		
10	256QAM	25	0	15.45	15.47	15.46	16.7	0
10	256QAM	25	12	15.19	15.43	15.44		
10	256QAM	25	25	15.40	15.43	15.36		
10	256QAM	50	0	15.29	15.37	15.58		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.45	15.78	15.72	16.7	0
5	QPSK	1	12	15.46	15.40	15.49		
5	QPSK	1	24	15.37	15.41	15.51		
5	QPSK	12	0	15.32	15.67	15.56	16.7	0
5	QPSK	12	7	15.36	15.66	15.51		
5	QPSK	12	13	15.44	15.52	15.50		
5	QPSK	25	0	15.46	15.53	15.59		
5	16QAM	1	0	15.06	15.01	14.88	16.7	0
5	16QAM	1	12	15.26	15.14	14.93		
5	16QAM	1	24	15.27	15.36	15.07		
5	16QAM	12	0	15.22	15.53	15.54	16.7	0
5	16QAM	12	7	15.34	15.53	15.46		
5	16QAM	12	13	15.48	15.68	15.37		
5	16QAM	25	0	15.26	15.37	15.44		
5	64QAM	1	0	15.63	15.47	15.41	16.7	0
5	64QAM	1	12	15.27	15.59	15.46		
5	64QAM	1	24	15.43	15.53	15.59		
5	64QAM	12	0	15.20	15.56	15.45	16.7	0
5	64QAM	12	7	15.55	15.37	15.46		
5	64QAM	12	13	15.41	15.67	15.31		
5	64QAM	25	0	15.29	15.54	15.51		
5	256QAM	1	0	15.14	15.47	15.70	16.7	0
5	256QAM	1	12	15.29	15.54	15.61		
5	256QAM	1	24	15.45	15.50	15.62		
5	256QAM	12	0	15.43	15.48	15.57	16.7	0
5	256QAM	12	7	15.27	15.37	15.54		
5	256QAM	12	13	15.36	15.54	15.36		
5	256QAM	25	0	15.24	15.40	15.54		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	11.97	12.27	12.09	13.5	0
20	QPSK	1	49	11.94	11.97	11.98		
20	QPSK	1	99	11.90	11.91	11.92		
20	QPSK	50	0	11.87	12.17	12.08	13.5	0
20	QPSK	50	24	11.82	12.14	12.00		
20	QPSK	50	50	11.85	11.96	12.06		
20	QPSK	100	0	11.95	12.04	11.83		
20	16QAM	1	0	11.58	11.59	11.54	13.5	0
20	16QAM	1	49	11.66	11.55	11.54		
20	16QAM	1	99	11.71	11.96	11.56		
20	16QAM	50	0	11.79	12.01	12.16	13.5	0
20	16QAM	50	24	11.86	12.17	11.98		
20	16QAM	50	50	11.88	12.10	11.99		
20	16QAM	100	0	11.94	11.99	11.91		
20	64QAM	1	0	12.06	11.96	11.85	13.5	0
20	64QAM	1	49	11.75	12.00	12.05		
20	64QAM	1	99	11.91	12.14	12.02		
20	64QAM	50	0	11.86	12.07	12.11	13.5	0
20	64QAM	50	24	11.88	11.97	11.91		
20	64QAM	50	50	11.91	12.06	11.80		
20	64QAM	100	0	11.95	12.02	11.96		
20	256QAM	1	0	12.02	11.94	12.19	13.5	0
20	256QAM	1	49	12.13	11.89	11.93		
20	256QAM	1	99	12.11	12.02	11.91		
20	256QAM	50	0	12.12	11.92	11.86	13.5	0
20	256QAM	50	24	12.13	11.73	11.77		
20	256QAM	50	50	12.22	11.94	11.82		
20	256QAM	100	0	12.12	11.88	11.95		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	11.93	12.27	12.09	13.5	0
15	QPSK	1	37	11.94	11.96	11.94		
15	QPSK	1	74	11.86	11.91	11.89		
15	QPSK	36	0	11.81	12.08	12.01	13.5	0
15	QPSK	36	20	11.94	12.11	12.00		
15	QPSK	36	39	11.91	11.91	11.98		
15	QPSK	75	0	11.95	12.04	11.79		
15	16QAM	1	0	11.57	11.54	11.50	13.5	0
15	16QAM	1	37	11.64	11.54	11.50		
15	16QAM	1	74	11.71	11.99	11.56		
15	16QAM	36	0	11.73	11.93	12.14	13.5	0
15	16QAM	36	20	11.83	12.12	11.94		
15	16QAM	36	39	11.85	12.11	11.91		
15	16QAM	75	0	11.87	11.91	11.90		
15	64QAM	1	0	12.03	11.95	11.85	13.5	0
15	64QAM	1	37	11.71	11.99	11.98		
15	64QAM	1	74	11.83	12.09	11.99		
15	64QAM	36	0	11.82	12.02	12.11	13.5	0
15	64QAM	36	20	11.86	11.97	11.89		
15	64QAM	36	39	11.89	12.00	11.79		
15	64QAM	75	0	11.94	12.02	11.95		
15	256QAM	1	0	11.95	11.88	12.15	13.5	0
15	256QAM	1	37	12.12	11.89	11.90		
15	256QAM	1	74	12.08	11.99	11.91		
15	256QAM	36	0	12.12	11.87	11.78	13.5	0
15	256QAM	36	20	12.13	11.76	11.74		
15	256QAM	36	39	12.18	11.89	11.74		
15	256QAM	75	0	12.07	11.88	11.90		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	11.92	12.25	12.06	13.5	0
10	QPSK	1	25	11.87	11.98	11.91		
10	QPSK	1	49	11.88	11.87	11.87		
10	QPSK	25	0	11.79	12.06	12.08	13.5	0
10	QPSK	25	12	11.97	12.09	11.94		
10	QPSK	25	25	11.84	11.93	11.98		
10	QPSK	50	0	11.92	11.96	11.77		
10	16QAM	1	0	11.55	11.51	11.50	13.5	0
10	16QAM	1	25	11.66	11.50	11.54		
10	16QAM	1	49	11.66	11.91	11.52		
10	16QAM	25	0	11.76	11.97	12.11	13.5	0
10	16QAM	25	12	11.83	12.10	11.97		
10	16QAM	25	25	11.85	12.14	11.95		
10	16QAM	50	0	11.88	11.95	11.87		
10	64QAM	1	0	12.01	11.88	11.81	13.5	0
10	64QAM	1	25	11.67	11.96	12.04		
10	64QAM	1	49	11.85	12.12	11.97		
10	64QAM	25	0	11.85	11.99	12.09	13.5	0
10	64QAM	25	12	11.90	11.97	11.89		
10	64QAM	25	25	11.90	12.02	11.74		
10	64QAM	50	0	11.87	11.98	11.96		
10	256QAM	1	0	11.90	11.88	12.17	13.5	0
10	256QAM	1	25	12.12	11.82	11.86		
10	256QAM	1	49	12.06	12.01	11.86		
10	256QAM	25	0	12.06	11.97	11.81	13.5	0
10	256QAM	25	12	12.10	11.73	11.77		
10	256QAM	25	25	12.14	11.86	11.82		
10	256QAM	50	0	12.12	11.88	11.90		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	11.91	12.19	12.03	13.5	0
5	QPSK	1	12	11.94	11.92	11.97		
5	QPSK	1	24	11.86	11.91	11.90		
5	QPSK	12	0	11.87	12.12	12.04	13.5	0
5	QPSK	12	7	11.88	12.09	11.94		
5	QPSK	12	13	11.92	11.87	11.99		
5	QPSK	25	0	11.88	12.01	11.76		
5	16QAM	1	0	11.58	11.54	11.54	13.5	0
5	16QAM	1	12	11.64	11.59	11.51		
5	16QAM	1	24	11.66	11.88	11.50		
5	16QAM	12	0	11.77	11.99	12.15	13.5	0
5	16QAM	12	7	11.79	12.17	11.96		
5	16QAM	12	13	11.83	12.16	11.98		
5	16QAM	25	0	11.89	11.96	11.87		
5	64QAM	1	0	12.03	11.91	11.82	13.5	0
5	64QAM	1	12	11.72	11.96	11.97		
5	64QAM	1	24	11.85	12.13	11.96		
5	64QAM	12	0	11.79	12.04	12.03	13.5	0
5	64QAM	12	7	11.87	11.94	11.88		
5	64QAM	12	13	11.83	12.03	11.80		
5	64QAM	25	0	11.91	11.97	11.96		
5	256QAM	1	0	12.01	11.89	12.13	13.5	0
5	256QAM	1	12	12.10	11.87	11.93		
5	256QAM	1	24	12.05	12.00	11.87		
5	256QAM	12	0	12.09	11.89	11.78	13.5	0
5	256QAM	12	7	12.06	11.89	11.76		
5	256QAM	12	13	12.22	11.92	11.76		
5	256QAM	25	0	12.11	11.86	11.94		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.73	21.78	21.70		
20	QPSK	1	49	21.84	21.72	21.82	23	0
20	QPSK	1	99	22.09	21.80	21.71		
20	QPSK	50	0	21.88	21.76	21.72		
20	QPSK	50	24	21.79	21.74	21.75	23	0
20	QPSK	50	50	21.78	21.76	21.74		
20	QPSK	100	0	21.77	21.68	21.72		
20	16QAM	1	0	21.76	21.70	21.75		
20	16QAM	1	49	21.78	21.71	21.80	23	0
20	16QAM	1	99	21.86	21.72	21.75		
20	16QAM	50	0	20.76	20.79	20.80		
20	16QAM	50	24	20.75	20.73	20.79	22	1
20	16QAM	50	50	20.83	20.72	20.74		
20	16QAM	100	0	20.76	20.70	20.78		
20	64QAM	1	0	20.49	20.45	20.43		
20	64QAM	1	49	20.53	20.46	20.51	22	1
20	64QAM	1	99	20.57	20.55	20.43		
20	64QAM	50	0	19.71	19.75	19.72		
20	64QAM	50	24	19.79	19.74	19.76	21	2
20	64QAM	50	50	19.72	19.76	19.78		
20	64QAM	100	0	19.78	19.75	19.70		
20	256QAM	1	0	17.58	17.66	17.72		
20	256QAM	1	49	17.70	17.53	17.61	19	4
20	256QAM	1	99	17.66	17.62	17.56		
20	256QAM	50	0	17.58	17.58	17.68		
20	256QAM	50	24	17.37	17.39	17.27	19	4
20	256QAM	50	50	17.48	17.40	17.34		
20	256QAM	100	0	17.41	17.36	17.30		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.70	21.77	21.65		
15	QPSK	1	37	21.70	21.69	21.75	23	0
15	QPSK	1	74	22.08	21.69	21.67		
15	QPSK	36	0	21.84	21.70	21.69		
15	QPSK	36	20	21.74	21.84	21.73	23	0
15	QPSK	36	39	21.78	21.68	21.71		
15	QPSK	75	0	21.70	21.67	21.63		
15	16QAM	1	0	21.72	21.63	21.72		
15	16QAM	1	37	21.68	21.65	21.70	23	0
15	16QAM	1	74	21.85	21.66	21.69		
15	16QAM	36	0	20.69	20.74	20.79		
15	16QAM	36	20	20.70	20.63	20.75	22	1
15	16QAM	36	39	20.75	20.70	20.68		
15	16QAM	75	0	20.66	20.60	20.72		
15	64QAM	1	0	20.38	20.41	20.37		
15	64QAM	1	37	20.51	20.44	20.42	22	1
15	64QAM	1	74	20.51	20.52	20.43		
15	64QAM	36	0	19.69	19.68	19.66		
15	64QAM	36	20	19.73	19.64	19.75	21	2
15	64QAM	36	39	19.62	19.69	19.73		
15	64QAM	75	0	19.71	19.70	19.68		
15	256QAM	1	0	17.50	17.65	17.70		
15	256QAM	1	37	17.68	17.46	17.59	19	4
15	256QAM	1	74	17.61	17.51	17.47		
15	256QAM	36	0	17.58	17.45	17.59		
15	256QAM	36	20	17.32	17.34	17.26	19	4
15	256QAM	36	39	17.45	17.33	17.26		
15	256QAM	75	0	17.41	17.27	17.23		
Channel				37700	38000	38300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.69	21.76	21.70		
10	QPSK	1	25	21.75	21.66	21.76	23	0
10	QPSK	1	49	22.01	21.75	21.60		
10	QPSK	25	0	21.83	21.74	21.63		
10	QPSK	25	12	21.77	21.66	21.66	23	0
10	QPSK	25	25	21.77	21.72	21.65		
10	QPSK	50	0	21.72	21.62	21.69		
10	16QAM	1	0	21.67	21.60	21.66		
10	16QAM	1	25	21.73	21.68	21.75	23	0
10	16QAM	1	49	21.86	21.68	21.73		
10	16QAM	25	0	20.75	20.76	20.80		
10	16QAM	25	12	20.67	20.62	20.69	22	1
10	16QAM	25	25	20.74	20.69	20.72		
10	16QAM	50	0	20.66	20.70	20.68		
10	64QAM	1	0	20.42	20.38	20.33		
10	64QAM	1	25	20.53	20.40	20.40	22	1
10	64QAM	1	49	20.46	20.53	20.37		
10	64QAM	25	0	19.60	19.74	19.65		
10	64QAM	25	12	19.69	19.70	19.76	21	2
10	64QAM	25	25	19.69	19.66	19.75		
10	64QAM	50	0	19.73	19.66	19.67		
10	256QAM	1	0	17.52	17.61	17.68		
10	256QAM	1	25	17.68	17.47	17.50	19	4
10	256QAM	1	49	17.60	17.54	17.54		
10	256QAM	25	0	17.50	17.45	17.65		
10	256QAM	25	12	17.35	17.34	17.26	19	4
10	256QAM	25	25	17.44	17.33	17.27		
10	256QAM	50	0	17.38	17.27	17.26		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.69	21.74	21.62		
5	QPSK	1	12	21.82	21.65	21.72	23	0
5	QPSK	1	24	22.06	21.73	21.70		
5	QPSK	12	0	21.88	21.76	21.67		
5	QPSK	12	7	21.73	21.74	21.71	23	0
5	QPSK	12	13	21.76	21.68	21.65		
5	QPSK	25	0	21.69	21.62	21.70		
5	16QAM	1	0	21.66	21.67	21.74		
5	16QAM	1	12	21.69	21.68	21.72	23	0
5	16QAM	1	24	21.84	21.72	21.67		
5	16QAM	12	0	20.68	20.76	20.75		
5	16QAM	12	7	20.74	20.64	20.74	22	1
5	16QAM	12	13	20.76	20.62	20.63		
5	16QAM	25	0	20.69	20.68	20.68		
5	64QAM	1	0	20.48	20.44	20.35		
5	64QAM	1	12	20.50	20.44	20.45	22	1
5	64QAM	1	24	20.56	20.45	20.36		
5	64QAM	12	0	19.70	19.74	19.70		
5	64QAM	12	7	19.72	19.68	19.75	21	2
5	64QAM	12	13	19.69	19.76	19.78		
5	64QAM	25	0	19.74	19.64	19.63		
5	256QAM	1	0	17.47	17.60	17.68		
5	256QAM	1	12	17.68	17.52	17.59	19	4
5	256QAM	1	24	17.65	17.54	17.55		
5	256QAM	12	0	17.49	17.45	17.67		
5	256QAM	12	7	17.37	17.37	17.24	19	4
5	256QAM	12	13	17.39	17.37	17.34		
5	256QAM	25	0	17.41	17.38	17.28		

Band 38_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.21	21.20		
20	QPSK	1	49	21.36	21.22	21.29	22	0
20	QPSK	1	99	21.47	21.36	21.35		
20	QPSK	50	0	21.42	21.19	21.21		
20	QPSK	50	24	21.40	21.28	21.30	22	0
20	QPSK	50	50	21.40	21.37	21.31		
20	QPSK	100	0	21.38	21.27	21.27		
20	16QAM	1	0	21.31	21.31	21.22		
20	16QAM	1	49	21.41	21.30	21.38	22	0
20	16QAM	1	99	21.45	21.43	21.41		
20	16QAM	50	0	21.35	21.22	21.21		
20	16QAM	50	24	21.41	21.25	21.26	22	0
20	16QAM	50	50	21.40	21.37	21.29		
20	16QAM	100	0	21.39	21.22	21.24		
20	64QAM	1	0	21.02	20.91	20.96		
20	64QAM	1	49	21.14	21.03	21.00	22	0
20	64QAM	1	99	21.17	21.12	21.08		
20	64QAM	50	0	21.35	21.24	21.24		
20	64QAM	50	24	21.37	21.31	21.25	22	0
20	64QAM	50	50	21.40	21.32	21.27		
20	64QAM	100	0	21.39	21.28	21.26		
20	256QAM	1	0	19.35	19.36	19.36		
20	256QAM	1	49	19.52	19.35	19.30	20.5	1.5
20	256QAM	1	99	19.58	19.49	19.50		
20	256QAM	50	0	19.74	19.66	19.65		
20	256QAM	50	24	19.71	19.61	19.66	20.5	1.5
20	256QAM	50	50	19.71	19.69	19.64		
20	256QAM	100	0	19.84	19.70	19.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.16	21.11	21.11		
15	QPSK	1	37	21.28	21.18	21.19	22	0
15	QPSK	1	74	21.44	21.27	21.26		
15	QPSK	36	0	21.32	21.11	21.16		
15	QPSK	36	20	21.38	21.25	21.26	22	0
15	QPSK	36	39	21.33	21.34	21.31		
15	QPSK	75	0	21.27	21.27	21.17		
15	16QAM	1	0	21.24	21.24	21.16		
15	16QAM	1	37	21.38	21.29	21.32	22	0
15	16QAM	1	74	21.35	21.38	21.33		
15	16QAM	36	0	21.26	21.13	21.11		
15	16QAM	36	20	21.40	21.17	21.16	22	0
15	16QAM	36	39	21.36	21.37	21.23		
15	16QAM	75	0	21.31	21.21	21.13		
15	64QAM	1	0	21.02	20.80	20.89		
15	64QAM	1	37	21.13	21.00	20.99	22	0
15	64QAM	1	74	21.09	21.03	21.01		
15	64QAM	36	0	21.26	21.20	21.16		
15	64QAM	36	20	21.33	21.21	21.24	22	0
15	64QAM	36	39	21.30	21.29	21.27		
15	64QAM	75	0	21.31	21.19	21.18		
15	256QAM	1	0	19.24	19.25	19.25		
15	256QAM	1	37	19.50	19.24	19.28	20.5	1.5
15	256QAM	1	74	19.56	19.47	19.45		
15	256QAM	36	0	19.65	19.65	19.55		
15	256QAM	36	20	19.71	19.56	19.65	20.5	1.5
15	256QAM	36	39	19.62	19.61	19.57		
15	256QAM	75	0	19.75	19.61	19.61		
Channel				37700	38000	38300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.15	21.17	21.10		
10	QPSK	1	25	21.34	21.17	21.24	22	0
10	QPSK	1	49	21.45	21.29	21.30		
10	QPSK	25	0	21.34	21.10	21.13		
10	QPSK	25	12	21.37	21.26	21.28	22	0
10	QPSK	25	25	21.32	21.36	21.26		
10	QPSK	50	0	21.37	21.23	21.23		
10	16QAM	1	0	21.22	21.25	21.21		
10	16QAM	1	25	21.36	21.27	21.31	22	0
10	16QAM	1	49	21.44	21.42	21.40		
10	16QAM	25	0	21.27	21.16	21.16		
10	16QAM	25	12	21.31	21.16	21.24	22	0
10	16QAM	25	25	21.35	21.27	21.21		
10	16QAM	50	0	21.32	21.12	21.22		
10	64QAM	1	0	20.98	20.81	20.94		
10	64QAM	1	25	21.14	20.98	20.93	22	0
10	64QAM	1	49	21.17	21.01	21.00		
10	64QAM	25	0	21.24	21.20	21.14		
10	64QAM	25	12	21.32	21.21	21.22	22	0
10	64QAM	25	25	21.32	21.31	21.26		
10	64QAM	50	0	21.33	21.28	21.17		
10	256QAM	1	0	19.29	19.30	19.36		
10	256QAM	1	25	19.48	19.35	19.28	20.5	1.5
10	256QAM	1	49	19.55	19.47	19.41		
10	256QAM	25	0	19.74	19.58	19.62		
10	256QAM	25	12	19.61	19.58	19.63	20.5	1.5
10	256QAM	25	25	19.70	19.64	19.58		
10	256QAM	50	0	19.75	19.63	19.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.19	21.11	21.20		
5	QPSK	1	12	21.31	21.17	21.27	22	0
5	QPSK	1	24	21.43	21.32	21.25		
5	QPSK	12	0	21.35	21.15	21.19		
5	QPSK	12	7	21.39	21.25	21.29	22	0
5	QPSK	12	13	21.31	21.31	21.31		
5	QPSK	25	0	21.36	21.27	21.18		
5	16QAM	1	0	21.20	21.22	21.14		
5	16QAM	1	12	21.32	21.23	21.32	22	0
5	16QAM	1	24	21.41	21.40	21.34		
5	16QAM	12	0	21.33	21.20	21.14		
5	16QAM	12	7	21.30	21.19	21.15	22	0
5	16QAM	12	13	21.35	21.37	21.18		
5	16QAM	25	0	21.28	21.11	21.21		
5	64QAM	1	0	20.99	20.83	20.92		
5	64QAM	1	12	21.06	21.01	20.91	22	0
5	64QAM	1	24	21.09	21.10	21.07		
5	64QAM	12	0	21.31	21.17	21.24		
5	64QAM	12	7	21.28	21.30	21.18	22	0
5	64QAM	12	13	21.34	21.27	21.26		
5	64QAM	25	0	21.30	21.27	21.24		
5	256QAM	1	0	19.29	19.26	19.29		
5	256QAM	1	12	19.43	19.30	19.25	20.5	1.5
5	256QAM	1	24	19.56	19.40	19.42		
5	256QAM	12	0	19.63	19.56	19.57		
5	256QAM	12	7	19.68	19.60	19.65	20.5	1.5
5	256QAM	12	13	19.67	19.68	19.57		
5	256QAM	25	0	19.75	19.66	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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.12	17.11	17.10		
20	QPSK	1	49	17.11	17.14	17.09	17.2	0
20	QPSK	1	99	17.18	17.16	17.17		
20	QPSK	50	0	17.16	17.09	17.15		
20	QPSK	50	24	17.09	17.05	17.10	17.2	0
20	QPSK	50	50	17.09	17.07	17.10		
20	QPSK	100	0	17.15	17.12	17.10		
20	16QAM	1	0	17.17	17.15	17.15		
20	16QAM	1	49	17.17	17.09	17.10	17.2	0
20	16QAM	1	99	17.10	17.16	17.13		
20	16QAM	50	0	17.16	17.10	17.09		
20	16QAM	50	24	17.09	17.15	17.11	17.2	0
20	16QAM	50	50	17.14	17.10	17.12		
20	16QAM	100	0	17.15	17.12	17.09		
20	64QAM	1	0	17.17	17.11	17.11		
20	64QAM	1	49	17.16	17.10	17.14	17.2	0
20	64QAM	1	99	17.17	17.09	17.10		
20	64QAM	50	0	17.12	17.16	17.15		
20	64QAM	50	24	17.13	17.13	17.16	17.2	0
20	64QAM	50	50	17.12	17.16	17.15		
20	64QAM	100	0	17.09	17.11	17.16		
20	256QAM	1	0	16.71	16.72	16.78		
20	256QAM	1	49	16.69	16.62	16.66	17.2	0
20	256QAM	1	99	16.66	16.67	16.53		
20	256QAM	50	0	16.96	16.86	17.00		
20	256QAM	50	24	16.94	16.86	16.97	17.2	0
20	256QAM	50	50	16.89	16.84	16.88		
20	256QAM	100	0	16.87	16.78	16.85		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.04	17.15	17.11		
15	QPSK	1	37	17.10	17.12	17.09	17.2	0
15	QPSK	1	74	17.17	17.17	17.17		
15	QPSK	36	0	17.16	17.02	17.15		
15	QPSK	36	20	17.10	17.12	17.11	17.2	0
15	QPSK	36	39	17.02	17.17	17.13		
15	QPSK	75	0	17.15	17.10	17.14		
15	16QAM	1	0	17.10	17.17	17.14		
15	16QAM	1	37	17.16	17.02	17.12	17.2	0
15	16QAM	1	74	17.17	17.10	17.13		
15	16QAM	36	0	17.12	17.08	17.14		
15	16QAM	36	20	17.16	17.10	17.15	17.2	0
15	16QAM	36	39	17.11	17.17	17.14		
15	16QAM	75	0	17.14	17.12	17.17		
15	64QAM	1	0	17.17	17.13	17.13		
15	64QAM	1	37	17.12	17.13	17.14	17.2	0
15	64QAM	1	74	17.16	17.02	17.12		
15	64QAM	36	0	17.11	17.17	17.15		
15	64QAM	36	20	17.16	17.02	17.12	17.2	0
15	64QAM	36	39	17.15	17.11	17.17		
15	64QAM	75	0	17.17	17.16	17.02		
15	256QAM	1	0	16.71	16.62	16.71		
15	256QAM	1	37	16.62	16.57	16.58	17.2	0
15	256QAM	1	74	16.59	16.61	16.49		
15	256QAM	36	0	16.90	16.79	16.93		
15	256QAM	36	20	16.91	16.80	16.94	17.2	0
15	256QAM	36	39	16.83	16.76	16.80		
15	256QAM	75	0	16.83	16.73	16.82		
Channel				37700	38000	38300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.14	17.10	17.12		
10	QPSK	1	25	17.15	17.13	17.12	17.2	0
10	QPSK	1	49	17.12	17.16	17.14		
10	QPSK	25	0	17.07	17.17	17.01		
10	QPSK	25	12	17.06	17.11	17.07	17.2	0
10	QPSK	25	25	17.07	17.16	17.07		
10	QPSK	50	0	17.10	17.06	17.01		
10	16QAM	1	0	17.11	17.15	17.12		
10	16QAM	1	25	17.10	17.06	17.15	17.2	0
10	16QAM	1	49	17.07	17.12	17.12		
10	16QAM	25	0	17.15	17.16	17.07		
10	16QAM	25	12	17.07	17.12	17.16	17.2	0
10	16QAM	25	25	17.06	17.14	17.11		
10	16QAM	50	0	17.15	17.01	17.07		
10	64QAM	1	0	17.06	17.16	17.13		
10	64QAM	1	25	17.11	17.17	17.10	17.2	0
10	64QAM	1	49	17.12	17.12	17.06		
10	64QAM	25	0	17.13	17.12	17.17		
10	64QAM	25	12	17.10	17.14	17.15	17.2	0
10	64QAM	25	25	17.12	17.17	17.15		
10	64QAM	50	0	17.07	17.07	17.07		
10	256QAM	1	0	16.68	16.62	16.68		
10	256QAM	1	25	16.69	16.56	16.63	17.2	0
10	256QAM	1	49	16.57	16.57	16.43		
10	256QAM	25	0	16.85	16.75	16.91		
10	256QAM	25	12	16.84	16.83	16.94	17.2	0
10	256QAM	25	25	16.82	16.75	16.85		
10	256QAM	50	0	16.81	16.67	16.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.14	17.05	17.01		
5	QPSK	1	12	17.15	17.07	17.13	17.2	0
5	QPSK	1	24	17.11	17.12	17.07		
5	QPSK	12	0	17.11	17.17	17.08		
5	QPSK	12	7	17.12	17.07	17.15	17.2	0
5	QPSK	12	13	17.16	17.17	17.14		
5	QPSK	25	0	17.01	17.03	17.10		
5	16QAM	1	0	17.15	17.14	17.16		
5	16QAM	1	12	17.16	17.16	17.07	17.2	0
5	16QAM	1	24	17.14	17.16	17.10		
5	16QAM	12	0	17.16	17.13	17.10		
5	16QAM	12	7	17.07	17.12	17.10	17.2	0
5	16QAM	12	13	17.13	17.15	17.11		
5	16QAM	25	0	17.14	17.12	17.17		
5	64QAM	1	0	17.07	17.16	17.13		
5	64QAM	1	12	17.11	17.01	17.16	17.2	0
5	64QAM	1	24	17.10	17.07	17.03		
5	64QAM	12	0	17.15	17.15	17.12		
5	64QAM	12	7	17.17	17.07	17.17	17.2	0
5	64QAM	12	13	17.10	17.16	17.14		
5	64QAM	25	0	17.12	17.10	17.13		
5	256QAM	1	0	16.65	16.63	16.78		
5	256QAM	1	12	16.63	16.61	16.59	17.2	0
5	256QAM	1	24	16.66	16.67	16.49		
5	256QAM	12	0	16.95	16.85	16.91		
5	256QAM	12	7	16.83	16.85	16.97	17.2	0
5	256QAM	12	13	16.85	16.74	16.77		
5	256QAM	25	0	16.84	16.73	16.82		

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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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	13.92	13.82	13.82	15	0
20	QPSK	1	49	13.91	13.87	13.84		
20	QPSK	1	99	14.21	13.89	13.90		
20	QPSK	50	0	14.11	13.93	14.00	15	0
20	QPSK	50	24	13.92	13.85	13.98		
20	QPSK	50	50	14.03	13.84	13.96		
20	QPSK	100	0	14.02	13.95	13.97		
20	16QAM	1	0	14.08	14.05	14.07	15	0
20	16QAM	1	49	14.14	14.13	14.10		
20	16QAM	1	99	14.18	14.16	14.15		
20	16QAM	50	0	13.94	14.03	14.00	15	0
20	16QAM	50	24	14.07	13.98	14.08		
20	16QAM	50	50	14.08	14.03	14.07		
20	16QAM	100	0	14.00	13.95	13.99		
20	64QAM	1	0	13.98	14.01	13.94	15	0
20	64QAM	1	49	14.05	14.03	14.01		
20	64QAM	1	99	14.13	14.01	14.09		
20	64QAM	50	0	14.01	13.93	14.04	15	0
20	64QAM	50	24	14.07	14.04	14.03		
20	64QAM	50	50	14.03	14.04	13.97		
20	64QAM	100	0	13.99	13.97	13.96		
20	256QAM	1	0	13.80	13.95	13.87	15	0
20	256QAM	1	49	13.94	13.86	13.89		
20	256QAM	1	99	14.05	13.89	14.03		
20	256QAM	50	0	13.86	13.81	13.98	15	0
20	256QAM	50	24	13.89	13.87	13.91		
20	256QAM	50	50	13.86	13.86	13.89		
20	256QAM	100	0	13.87	13.79	13.88		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	13.87	13.78	13.79	15	0
15	QPSK	1	37	13.84	13.78	13.78		
15	QPSK	1	74	14.11	13.89	13.83		
15	QPSK	36	0	14.09	13.86	13.99	15	0
15	QPSK	36	20	13.87	14.02	13.94		
15	QPSK	36	39	13.97	13.94	14.02		
15	QPSK	75	0	13.98	13.92	13.87		
15	16QAM	1	0	14.01	14.03	14.07	15	0
15	16QAM	1	37	14.04	14.09	14.10		
15	16QAM	1	74	14.14	14.05	14.08		
15	16QAM	36	0	13.89	13.95	13.91	15	0
15	16QAM	36	20	14.06	13.94	14.02		
15	16QAM	36	39	13.99	13.98	13.97		
15	16QAM	75	0	13.94	13.93	13.89		
15	64QAM	1	0	13.94	13.94	13.93	15	0
15	64QAM	1	37	14.03	13.95	13.92		
15	64QAM	1	74	14.05	13.97	14.01		
15	64QAM	36	0	14.01	13.93	13.97	15	0
15	64QAM	36	20	14.01	13.94	13.99		
15	64QAM	36	39	13.96	13.97	13.94		
15	64QAM	75	0	13.89	13.93	13.91		
15	256QAM	1	0	13.70	13.91	13.84	15	0
15	256QAM	1	37	13.91	13.82	13.86		
15	256QAM	1	74	14.01	13.86	13.98		
15	256QAM	36	0	13.82	13.79	13.98	15	0
15	256QAM	36	20	13.85	13.87	13.85		
15	256QAM	36	39	13.83	13.83	13.79		
15	256QAM	75	0	13.84	13.71	13.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	13.86	13.77	13.79	15	0
10	QPSK	1	25	13.87	13.76	13.80		
10	QPSK	1	49	14.10	13.85	13.87		
10	QPSK	25	0	14.02	13.90	13.91	15	0
10	QPSK	25	12	13.86	14.02	13.94		
10	QPSK	25	25	14.02	13.97	13.99		
10	QPSK	50	0	13.99	13.90	13.89		
10	16QAM	1	0	14.02	13.98	13.96	15	0
10	16QAM	1	25	14.06	14.02	14.07		
10	16QAM	1	49	14.17	14.12	14.08		
10	16QAM	25	0	13.91	14.03	13.98	15	0
10	16QAM	25	12	14.00	13.91	14.07		
10	16QAM	25	25	14.02	13.98	14.00		
10	16QAM	50	0	13.99	13.94	13.99		
10	64QAM	1	0	13.94	13.96	13.84	15	0
10	64QAM	1	25	13.95	14.01	13.93		
10	64QAM	1	49	14.03	14.00	14.07		
10	64QAM	25	0	14.01	13.82	14.03	15	0
10	64QAM	25	12	14.07	13.95	14.00		
10	64QAM	25	25	14.02	13.95	13.93		
10	64QAM	50	0	13.91	13.92	13.86		
10	256QAM	1	0	13.71	13.87	13.85	15	0
10	256QAM	1	25	13.87	13.78	13.79		
10	256QAM	1	49	13.94	13.85	13.94		
10	256QAM	25	0	13.84	13.76	13.87	15	0
10	256QAM	25	12	13.82	13.84	13.82		
10	256QAM	25	25	13.75	13.78	13.86		
10	256QAM	50	0	13.82	13.75	13.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	13.84	13.75	13.75	15	0
5	QPSK	1	12	13.86	13.86	13.82		
5	QPSK	1	24	14.13	13.82	13.82		
5	QPSK	12	0	14.11	13.89	13.96	15	0
5	QPSK	12	7	13.88	13.97	13.96		
5	QPSK	12	13	14.02	14.01	13.91		
5	QPSK	25	0	13.98	13.86	13.89		
5	16QAM	1	0	14.01	14.00	14.01	15	0
5	16QAM	1	12	14.10	14.08	14.05		
5	16QAM	1	24	14.15	14.15	14.13		
5	16QAM	12	0	13.84	14.01	13.97	15	0
5	16QAM	12	7	14.06	13.98	14.02		
5	16QAM	12	13	14.05	13.92	14.00		
5	16QAM	25	0	14.00	13.85	13.90		
5	64QAM	1	0	13.87	13.99	13.90	15	0
5	64QAM	1	12	13.98	13.98	13.98		
5	64QAM	1	24	14.13	13.96	14.04		
5	64QAM	12	0	14.00	13.87	13.93	15	0
5	64QAM	12	7	13.96	13.97	13.94		
5	64QAM	12	13	13.92	13.99	13.94		
5	64QAM	25	0	13.91	13.94	13.93		
5	256QAM	1	0	13.71	13.93	13.79	15	0
5	256QAM	1	12	13.91	13.81	13.89		
5	256QAM	1	24	14.02	13.79	13.96		
5	256QAM	12	0	13.76	13.71	13.95	15	0
5	256QAM	12	7	13.82	13.85	13.86		
5	256QAM	12	13	13.86	13.77	13.79		
5	256QAM	25	0	13.86	13.75	13.83		

Band 41_Ant 0

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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.73	21.95	21.70	21.60	21.36	22.5	0
20	QPSK	1	49	21.74	21.81	21.72	21.65	21.29		
20	QPSK	1	99	21.79	21.98	21.73	21.76	21.41		
20	QPSK	50	0	21.73	21.96	21.77	21.74	21.39	22.5	0
20	QPSK	50	24	21.70	21.85	21.76	21.66	21.33		
20	QPSK	50	50	21.71	21.88	21.72	21.68	21.37		
20	QPSK	100	0	21.71	21.92	21.76	21.61	21.38		
20	16QAM	1	0	21.86	21.88	21.78	21.75	21.35	22.5	0
20	16QAM	1	49	21.89	21.90	21.81	21.72	21.36		
20	16QAM	1	99	21.88	21.86	21.82	21.63	21.29		
20	16QAM	50	0	20.25	20.36	20.31	20.14	19.88	22.5	0
20	16QAM	50	24	20.31	20.37	20.27	20.14	19.85		
20	16QAM	50	50	20.34	20.40	20.32	20.16	19.85		
20	16QAM	100	0	20.24	20.41	20.29	20.13	19.75		
20	64QAM	1	0	19.99	20.19	19.99	19.88	19.52	22.5	0
20	64QAM	1	49	20.03	20.15	20.00	19.87	19.52		
20	64QAM	1	99	20.04	20.06	19.98	19.85	19.47		
20	64QAM	50	0	19.73	19.85	19.75	19.60	19.35	21	1.5
20	64QAM	50	24	19.81	19.87	19.78	19.62	19.33		
20	64QAM	50	50	19.85	19.87	19.67	19.65	19.31		
20	64QAM	100	0	19.76	19.92	19.76	19.68	19.31		
20	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
20	256QAM	1	49	17.80	17.58	17.90	17.95	17.90		
20	256QAM	1	99	17.84	17.70	17.60	17.59	17.62		
20	256QAM	50	0	17.63	17.83	17.58	17.90	17.71	19	3.5
20	256QAM	50	24	17.85	17.75	17.93	17.63	17.86		
20	256QAM	50	50	17.71	17.84	17.67	17.65	17.68		
20	256QAM	100	0	17.92	17.71	17.62	17.65	17.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.67	21.86	21.61	21.52	21.32	22.50	0
15	QPSK	1	37	21.71	21.72	21.68	21.59	21.21		
15	QPSK	1	74	21.69	21.97	21.70	21.47	21.18		
15	QPSK	36	0	21.68	21.96	21.71	21.57	21.33	22.5	0
15	QPSK	36	20	21.77	21.85	21.68	21.65	21.26		
15	QPSK	36	39	21.79	21.86	21.74	21.67	21.26		
15	QPSK	75	0	21.69	21.88	21.67	21.56	21.35		
15	16QAM	1	0	21.80	21.80	21.67	21.74	21.25	22.5	0
15	16QAM	1	37	21.83	21.79	21.70	21.72	21.32		
15	16QAM	1	74	21.83	21.86	21.78	21.60	21.27		
15	16QAM	36	0	20.18	20.25	20.27	20.13	19.86	22.5	0
15	16QAM	36	20	20.31	20.36	20.21	20.05	19.84		
15	16QAM	36	39	20.24	20.33	20.32	20.15	19.79		
15	16QAM	75	0	20.15	20.37	20.21	20.04	19.67		
15	64QAM	1	0	19.88	20.15	19.99	19.81	19.45	22.5	0
15	64QAM	1	37	19.97	20.06	19.97	19.86	19.42		
15	64QAM	1	74	19.93	20.01	19.96	19.75	19.38		
15	64QAM	36	0	19.64	19.80	19.72	19.54	19.32	21	1.5
15	64QAM	36	20	19.70	19.84	19.78	19.58	19.24		
15	64QAM	36	39	19.80	19.77	19.60	19.56	19.20		
15	64QAM	75	0	19.69	19.91	19.69	19.59	19.27		
15	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
15	256QAM	1	37	17.80	17.58	17.90	17.95	17.90		
15	256QAM	1	74	17.84	17.70	17.60	17.59	17.62		
15	256QAM	36	0	17.63	17.83	17.58	17.90	17.71	19	3.5
15	256QAM	36	20	17.85	17.75	17.93	17.63	17.86		
15	256QAM	36	39	17.71	17.84	17.67	17.65	17.68		
15	256QAM	75	0	17.92	17.71	17.62	17.65	17.74		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.63	21.93	21.60	21.60	21.35	22.50	0
10	QPSK	1	25	21.71	21.79	21.63	21.61	21.19		
10	QPSK	1	49	21.73	21.95	21.62	21.47	21.26		
10	QPSK	25	0	21.71	21.90	21.72	21.55	21.32	22.5	0
10	QPSK	25	12	21.75	21.77	21.73	21.58	21.28		
10	QPSK	25	25	21.73	21.83	21.69	21.68	21.32		
10	QPSK	50	0	21.66	21.84	21.65	21.58	21.30		
10	16QAM	1	0	21.75	21.84	21.77	21.69	21.29	22.5	0
10	16QAM	1	25	21.81	21.86	21.77	21.71	21.35		
10	16QAM	1	49	21.86	21.75	21.79	21.62	21.19		
10	16QAM	25	0	20.14	20.25	20.24	20.06	19.84	22.5	0
10	16QAM	25	12	20.27	20.30	20.23	20.14	19.74		
10	16QAM	25	25	20.32	20.34	20.26	20.07	19.75		
10	16QAM	50	0	20.22	20.31	20.20	20.07	19.66		
10	64QAM	1	0	19.94	20.15	19.90	19.84	19.49	22.5	0
10	64QAM	1	25	20.00	20.15	19.95	19.76	19.41		
10	64QAM	1	49	19.94	20.05	19.90	19.77	19.40		
10	64QAM	25	0	19.63	19.83	19.64	19.52	19.32	21	1.5
10	64QAM	25	12	19.79	19.85	19.76	19.57	19.29		
10	64QAM	25	25	19.79	19.81	19.67	19.62	19.23		
10	64QAM	50	0	19.71	19.92	19.73	19.62	19.26		
10	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
10	256QAM	1	25	17.80	17.58	17.90	17.95	17.90		
10	256QAM	1	49	17.84	17.70	17.60	17.59	17.62		
10	256QAM	25	0	17.63	17.83	17.58	17.90	17.71	19	3.5
10	256QAM	25	12	17.85	17.75	17.93	17.63	17.86		
10	256QAM	25	25	17.71	17.84	17.67	17.65	17.68		
10	256QAM	50	0	17.92	17.71	17.62	17.65	17.74		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.64	21.94	21.64	21.49	21.28	22.50	0
5	QPSK	1	12	21.63	21.78	21.72	21.63	21.27		
5	QPSK	1	24	21.76	21.89	21.64	21.49	21.25		
5	QPSK	12	0	21.71	21.96	21.75	21.54	21.37	22.5	0
5	QPSK	12	7	21.78	21.76	21.74	21.60	21.25		
5	QPSK	12	13	21.80	21.84	21.78	21.61	21.31		
5	QPSK	25	0	21.66	21.84	21.76	21.53	21.35		
5	16QAM	1	0	21.80	21.83	21.71	21.69	21.24	22.5	0
5	16QAM	1	12	21.87	21.80	21.73	21.61	21.30		
5	16QAM	1	24	21.79	21.85	21.77	21.61	21.25		
5	16QAM	12	0	20.17	20.26	20.20	20.11	19.77	22.5	0
5	16QAM	12	7	20.22	20.30	20.22	20.07	19.81		
5	16QAM	12	13	20.27	20.34	20.24	20.12	19.84		
5	16QAM	25	0	20.23	20.41	20.27	20.08	19.73		
5	64QAM	1	0	19.94	20.15	19.90	19.84	19.47	22.5	0
5	64QAM	1	12	20.01	20.06	19.90	19.79	19.42		
5	64QAM	1	24	19.97	19.95	19.95	19.77	19.39		
5	64QAM	12	0	19.70	19.84	19.67	19.58	19.30	21	1.5
5	64QAM	12	7	19.73	19.83	19.76	19.53	19.33		
5	64QAM	12	13	19.75	19.83	19.57	19.65	19.24		
5	64QAM	25	0	19.66	19.88	19.66	19.67	19.27		
5	256QAM	1	0	17.60	17.69	17.94	17.72	17.65	19	3.5
5	256QAM	1	12	17.80	17.58	17.90	17.95	17.90		
5	256QAM	1	24	17.84	17.70	17.60	17.59	17.62		
5	256QAM	12	0	17.63	17.83	17.58	17.90	17.71	19	3.5
5	256QAM	12	7	17.85	17.75	17.93	17.63	17.86		
5	256QAM	12	13	17.71	17.84	17.67	17.65	17.68		
5	256QAM	25	0	17.92	17.71	17.62	17.65	17.74		

Band 41_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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.02	21.21	20.96	21.08	20.86	21.5	0
20	QPSK	1	49	21.01	21.29	21.03	21.22	20.98		
20	QPSK	1	99	21.13	21.46	21.21	21.25	21.18		
20	QPSK	50	0	21.08	21.36	21.19	21.21	21.15	21.5	0
20	QPSK	50	24	21.00	21.35	21.09	21.16	20.97		
20	QPSK	50	50	21.05	21.29	21.18	21.12	20.97		
20	QPSK	100	0	20.98	21.32	21.11	21.20	20.94		
20	16QAM	1	0	21.13	21.33	21.05	21.26	21.01	21.5	0
20	16QAM	1	49	21.08	21.43	21.19	21.27	21.09		
20	16QAM	1	99	21.06	21.43	21.21	21.34	21.04		
20	16QAM	50	0	20.97	21.35	21.05	21.22	20.94	21.5	0
20	16QAM	50	24	21.03	21.36	21.10	21.23	21.01		
20	16QAM	50	50	21.04	21.36	21.13	21.24	20.98		
20	16QAM	100	0	21.09	21.36	21.06	21.20	20.96		
20	64QAM	1	0	20.82	21.01	20.79	20.91	20.66	21.5	0
20	64QAM	1	49	20.78	21.06	20.83	20.96	20.72		
20	64QAM	1	99	20.70	21.12	20.88	20.99	20.75		
20	64QAM	50	0	20.96	21.33	21.03	21.23	20.93	21.5	0
20	64QAM	50	24	20.98	21.36	21.05	21.20	20.94		
20	64QAM	50	50	21.03	21.36	21.12	21.23	20.94		
20	64QAM	100	0	21.00	21.33	21.08	21.20	20.89		
20	256QAM	1	0	19.71	19.92	19.72	19.79	19.55	20.5	1
20	256QAM	1	49	19.62	19.91	19.75	19.81	19.53		
20	256QAM	1	99	19.64	19.94	19.69	19.86	19.65		
20	256QAM	50	0	19.90	20.20	19.86	20.14	19.83	20.5	1
20	256QAM	50	24	19.93	20.20	19.94	20.02	19.85		
20	256QAM	50	50	19.93	20.20	19.97	20.12	19.88		
20	256QAM	100	0	19.84	20.13	19.92	20.09	19.72		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.01	21.17	20.85	20.99	20.85	21.50	0
15	QPSK	1	37	20.91	21.28	21.02	21.16	20.92		
15	QPSK	1	74	20.89	21.33	21.05	21.21	20.95		
15	QPSK	36	0	20.94	21.28	21.03	21.11	20.86	21.5	0
15	QPSK	36	20	20.90	21.34	21.00	21.16	20.92		
15	QPSK	36	39	20.99	21.18	21.10	21.15	20.97		
15	QPSK	75	0	20.92	21.24	21.02	21.18	20.91		
15	16QAM	1	0	21.10	21.30	20.99	21.23	20.94	21.5	0
15	16QAM	1	37	21.04	21.41	21.09	21.19	21.09		
15	16QAM	1	74	20.97	21.42	21.19	21.27	20.99		
15	16QAM	36	0	20.90	21.30	20.95	21.20	20.87	21.5	0
15	16QAM	36	20	20.96	21.32	21.00	21.18	20.94		
15	16QAM	36	39	20.97	21.32	21.05	21.22	20.93		
15	16QAM	75	0	21.01	21.29	20.96	21.18	20.88		
15	64QAM	1	0	20.78	21.00	20.69	20.87	20.60	21.5	0
15	64QAM	1	37	20.77	20.97	20.76	20.93	20.64		
15	64QAM	1	74	20.69	21.12	20.88	20.99	20.72		
15	64QAM	36	0	20.88	21.26	20.96	21.22	20.88	21.5	0
15	64QAM	36	20	20.88	21.29	20.96	21.12	20.83		
15	64QAM	36	39	20.92	21.29	21.06	21.21	20.89		
15	64QAM	75	0	20.96	21.32	21.03	21.15	20.87		
15	256QAM	1	0	19.68	19.82	19.61	19.78	19.52	20.5	1
15	256QAM	1	37	19.58	19.82	19.64	19.73	19.46		
15	256QAM	1	74	19.54	19.87	19.64	19.80	19.64		
15	256QAM	36	0	19.82	20.20	19.80	20.14	19.74	20.5	1
15	256QAM	36	20	19.87	20.11	19.83	19.97	19.83		
15	256QAM	36	39	19.93	20.15	19.94	20.02	19.82		
15	256QAM	75	0	19.78	20.04	19.91	20.06	19.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.01	21.13	20.93	21.06	20.82	21.50	0
10	QPSK	1	25	20.91	21.27	20.97	21.13	20.95		
10	QPSK	1	49	20.87	21.31	21.06	21.18	20.96		
10	QPSK	25	0	20.92	21.26	21.00	21.11	20.84	21.5	0
10	QPSK	25	12	20.94	21.33	21.05	21.18	20.89		
10	QPSK	25	25	20.98	21.21	21.14	21.11	20.88		
10	QPSK	50	0	20.89	21.25	21.03	21.10	20.85		
10	16QAM	1	0	21.02	21.26	20.99	21.24	20.93	21.5	0
10	16QAM	1	25	21.04	21.41	21.12	21.19	21.05		
10	16QAM	1	49	20.98	21.33	21.21	21.32	20.93		
10	16QAM	25	0	20.92	21.35	21.01	21.18	20.88	21.5	0
10	16QAM	25	12	20.93	21.27	21.02	21.22	20.94		
10	16QAM	25	25	20.97	21.34	21.06	21.20	20.93		
10	16QAM	50	0	21.01	21.30	21.06	21.10	20.90		
10	64QAM	1	0	20.73	20.93	20.74	20.83	20.62	21.5	0
10	64QAM	1	25	20.69	21.00	20.74	20.87	20.70		
10	64QAM	1	49	20.60	21.03	20.87	20.90	20.68		
10	64QAM	25	0	20.92	21.31	20.93	21.17	20.92	21.5	0
10	64QAM	25	12	20.93	21.35	20.96	21.17	20.84		
10	64QAM	25	25	20.99	21.35	21.09	21.13	20.85		
10	64QAM	50	0	20.97	21.27	20.99	21.18	20.89		
10	256QAM	1	0	19.61	19.81	19.66	19.77	19.48	20.5	1
10	256QAM	1	25	19.53	19.91	19.74	19.81	19.43		
10	256QAM	1	49	19.55	19.94	19.60	19.83	19.56		
10	256QAM	25	0	19.85	20.12	19.83	20.07	19.77	20.5	1
10	256QAM	25	12	19.87	20.15	19.86	19.95	19.76		
10	256QAM	25	25	19.84	20.15	19.94	20.04	19.80		
10	256QAM	50	0	19.75	20.06	19.84	20.04	19.70		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.91	21.19	20.93	21.03	20.83	21.50	0
5	QPSK	1	12	20.90	21.23	20.99	21.20	20.90		
5	QPSK	1	24	20.82	21.35	21.03	21.15	20.95		
5	QPSK	12	0	20.94	21.33	21.00	21.13	20.87	21.5	0
5	QPSK	12	7	20.90	21.32	20.99	21.20	20.94		
5	QPSK	12	13	21.03	21.22	21.10	21.13	20.90		
5	QPSK	25	0	20.91	21.25	21.11	21.10	20.83		
5	16QAM	1	0	21.12	21.33	20.96	21.19	20.94	21.5	0
5	16QAM	1	12	21.05	21.37	21.12	21.16	21.06		
5	16QAM	1	24	21.04	21.41	21.10	21.24	21.04		
5	16QAM	12	0	20.88	21.29	21.02	21.14	20.83	21.5	0
5	16QAM	12	7	20.99	21.33	21.08	21.13	20.98		
5	16QAM	12	13	20.99	21.32	21.07	21.15	20.87		
5	16QAM	25	0	20.98	21.36	20.95	21.12	20.91		
5	64QAM	1	0	20.77	21.00	20.71	20.86	20.61	21.5	0
5	64QAM	1	12	20.74	20.97	20.80	20.93	20.68		
5	64QAM	1	24	20.61	21.06	20.87	20.97	20.71		
5	64QAM	12	0	20.93	21.32	20.98	21.19	20.93	21.5	0
5	64QAM	12	7	20.97	21.33	21.00	21.11	20.84		
5	64QAM	12	13	21.03	21.25	21.06	21.22	20.93		
5	64QAM	25	0	20.95	21.28	20.98	21.15	20.84		
5	256QAM	1	0	19.65	19.81	19.65	19.73	19.50	20.5	1
5	256QAM	1	12	19.61	19.84	19.74	19.81	19.43		
5	256QAM	1	24	19.64	19.94	19.63	19.80	19.58		
5	256QAM	12	0	19.80	20.09	19.82	20.06	19.80	20.5	1
5	256QAM	12	7	19.82	20.16	19.92	19.92	19.77		
5	256QAM	12	13	19.93	20.15	19.92	20.02	19.86		
5	256QAM	25	0	19.84	20.08	19.84	20.06	19.70		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.13	16.29	16.51	16.43	16.49	16.7	0
20	QPSK	1	49	16.14	16.40	16.57	16.35	16.48		
20	QPSK	1	99	16.21	16.69	16.64	16.51	16.57		
20	QPSK	50	0	16.18	16.68	16.67	16.47	16.54	16.7	0
20	QPSK	50	24	16.13	16.30	16.60	16.43	16.46		
20	QPSK	50	50	16.02	16.30	16.46	16.40	16.43		
20	QPSK	100	0	16.06	16.52	16.50	16.41	16.51		
20	16QAM	1	0	16.16	16.31	16.38	16.41	16.56	16.7	0
20	16QAM	1	49	16.02	16.43	16.30	16.47	16.50		
20	16QAM	1	99	16.19	16.57	16.27	16.47	16.43		
20	16QAM	50	0	16.09	16.43	16.36	16.40	16.54	16.7	0
20	16QAM	50	24	16.13	16.52	16.35	16.44	16.53		
20	16QAM	50	50	16.15	16.40	16.38	16.47	16.48		
20	16QAM	100	0	16.10	16.44	16.42	16.43	16.47		
20	64QAM	1	0	16.16	16.05	16.02	16.20	16.16	16.7	0
20	64QAM	1	49	16.14	16.13	16.20	16.09	16.19		
20	64QAM	1	99	16.12	16.19	16.11	16.16	16.22		
20	64QAM	50	0	16.05	16.47	16.26	16.40	16.53	16.7	0
20	64QAM	50	24	16.12	16.42	16.36	16.35	16.52		
20	64QAM	50	50	16.14	16.49	16.45	16.49	16.44		
20	64QAM	100	0	16.12	16.33	16.37	16.39	16.52		
20	256QAM	1	0	16.28	16.13	16.19	16.27	16.09	16.7	0
20	256QAM	1	49	16.38	16.13	16.09	16.19	16.14		
20	256QAM	1	99	16.16	16.18	16.24	16.29	16.32		
20	256QAM	50	0	16.20	16.18	16.43	16.03	16.39	16.7	0
20	256QAM	50	24	16.27	16.20	16.31	16.17	16.29		
20	256QAM	50	50	16.12	16.14	16.15	16.27	16.22		
20	256QAM	100	0	16.07	16.19	16.15	16.33	16.27		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.09	16.21	16.49	16.35	16.40	16.70	0
15	QPSK	1	37	16.09	16.32	16.56	16.34	16.38		
15	QPSK	1	74	16.07	16.62	16.58	16.50	16.50		
15	QPSK	36	0	16.07	16.60	16.67	16.37	16.51	16.7	0
15	QPSK	36	20	16.06	16.20	16.51	16.40	16.42		
15	QPSK	36	39	16.02	16.24	16.41	16.39	16.35		
15	QPSK	75	0	15.95	16.49	16.48	16.32	16.40		
15	16QAM	1	0	16.11	16.26	16.36	16.33	16.46	16.7	0
15	16QAM	1	37	16.01	16.38	16.24	16.46	16.49		
15	16QAM	1	74	16.18	16.47	16.26	16.43	16.35		
15	16QAM	36	0	16.09	16.37	16.29	16.35	16.44	16.7	0
15	16QAM	36	20	16.07	16.47	16.31	16.34	16.49		
15	16QAM	36	39	16.10	16.33	16.32	16.41	16.38		
15	16QAM	75	0	16.04	16.37	16.31	16.43	16.38		
15	64QAM	1	0	16.14	16.04	16.00	16.19	16.07	16.7	0
15	64QAM	1	37	16.13	16.11	16.17	16.03	16.12		
15	64QAM	1	74	16.02	16.12	16.00	16.11	16.19		
15	64QAM	36	0	15.97	16.41	16.25	16.29	16.47	16.7	0
15	64QAM	36	20	16.03	16.32	16.34	16.24	16.41		
15	64QAM	36	39	16.14	16.47	16.44	16.47	16.44		
15	64QAM	75	0	16.10	16.22	16.30	16.30	16.45		
15	256QAM	1	0	16.17	16.12	16.14	16.26	16.02	16.7	0
15	256QAM	1	37	16.34	16.11	16.06	16.09	16.04		
15	256QAM	1	74	16.05	16.12	16.22	16.28	16.31		
15	256QAM	36	0	16.12	16.09	16.36	15.99	16.33	16.7	0
15	256QAM	36	20	16.27	16.09	16.25	16.08	16.21		
15	256QAM	36	39	16.08	16.04	16.10	16.21	16.19		
15	256QAM	75	0	16.07	16.09	16.05	16.22	16.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.09	16.25	16.50	16.37	16.39	16.70	0
10	QPSK	1	25	16.14	16.37	16.50	16.24	16.37		
10	QPSK	1	49	16.06	16.61	16.62	16.44	16.55		
10	QPSK	25	0	16.02	16.65	16.56	16.44	16.46	16.7	0
10	QPSK	25	12	16.11	16.30	16.56	16.32	16.37		
10	QPSK	25	25	15.91	16.20	16.37	16.33	16.41		
10	QPSK	50	0	16.04	16.51	16.48	16.38	16.51		
10	16QAM	1	0	16.14	16.31	16.27	16.37	16.56	16.7	0
10	16QAM	1	25	16.08	16.37	16.28	16.46	16.48		
10	16QAM	1	49	16.13	16.48	16.17	16.40	16.41		
10	16QAM	25	0	15.99	16.37	16.28	16.34	16.50	16.7	0
10	16QAM	25	12	16.07	16.50	16.25	16.36	16.49		
10	16QAM	25	25	16.15	16.40	16.37	16.45	16.47		
10	16QAM	50	0	16.05	16.39	16.42	16.42	16.38		
10	64QAM	1	0	16.09	15.95	16.01	16.15	16.10	16.7	0
10	64QAM	1	25	16.03	16.05	16.17	16.08	16.12		
10	64QAM	1	49	16.03	16.08	16.00	16.10	16.21		
10	64QAM	25	0	15.94	16.44	16.25	16.39	16.46	16.7	0
10	64QAM	25	12	16.02	16.33	16.33	16.28	16.50		
10	64QAM	25	25	16.08	16.45	16.42	16.48	16.40		
10	64QAM	50	0	16.02	16.29	16.34	16.30	16.43		
10	256QAM	1	0	16.22	16.12	16.12	16.18	16.02	16.7	0
10	256QAM	1	25	16.33	16.11	16.00	16.08	16.06		
10	256QAM	1	49	16.11	16.10	16.17	16.28	16.32		
10	256QAM	25	0	16.14	16.14	16.35	15.99	16.34	16.7	0
10	256QAM	25	12	16.21	16.16	16.29	16.12	16.28		
10	256QAM	25	25	16.04	16.04	16.08	16.20	16.14		
10	256QAM	50	0	15.99	16.09	16.05	16.27	16.23		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.12	16.26	16.48	16.37	16.39	16.70	0
5	QPSK	1	12	16.03	16.36	16.48	16.24	16.40		
5	QPSK	1	24	16.04	16.64	16.54	16.50	16.55		
5	QPSK	12	0	16.12	16.61	16.56	16.45	16.53	16.7	0
5	QPSK	12	7	16.07	16.23	16.50	16.35	16.42		
5	QPSK	12	13	16.01	16.22	16.46	16.39	16.38		
5	QPSK	25	0	15.99	16.44	16.47	16.35	16.46		
5	16QAM	1	0	16.15	16.27	16.29	16.38	16.55	16.7	0
5	16QAM	1	12	15.98	16.41	16.28	16.41	16.43		
5	16QAM	1	24	16.11	16.50	16.16	16.44	16.41		
5	16QAM	12	0	16.01	16.36	16.26	16.31	16.52	16.7	0
5	16QAM	12	7	16.03	16.43	16.33	16.37	16.47		
5	16QAM	12	13	16.12	16.32	16.33	16.41	16.39		
5	16QAM	25	0	16.07	16.38	16.40	16.34	16.44		
5	64QAM	1	0	16.08	15.94	16.01	16.15	16.07	16.7	0
5	64QAM	1	12	16.06	16.07	16.10	16.01	16.15		
5	64QAM	1	24	16.06	16.12	16.05	16.08	16.20		
5	64QAM	12	0	15.97	16.46	16.20	16.40	16.46	16.7	0
5	64QAM	12	7	16.04	16.41	16.30	16.35	16.49		
5	64QAM	12	13	16.04	16.39	16.43	16.47	16.39		
5	64QAM	25	0	16.03	16.22	16.28	16.30	16.46		
5	256QAM	1	0	16.21	16.11	16.10	16.23	16.02	16.7	0
5	256QAM	1	12	16.29	16.04	16.02	16.08	16.03		
5	256QAM	1	24	16.07	16.07	16.21	16.21	16.26		
5	256QAM	12	0	16.10	16.18	16.41	16.01	16.31	16.7	0
5	256QAM	12	7	16.24	16.16	16.31	16.07	16.25		
5	256QAM	12	13	16.08	16.14	16.05	16.16	16.19		
5	256QAM	25	0	16.04	16.15	16.04	16.25	16.27		

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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)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	13.04	13.07	13.35	13.29	13.08	14	0
20	QPSK	1	49	13.16	13.29	13.38	13.26	13.09		
20	QPSK	1	99	13.36	13.74	13.42	13.30	13.25		
20	QPSK	50	0	13.35	13.58	13.41	13.28	13.24	14	0
20	QPSK	50	24	13.12	13.33	13.39	13.25	13.22		
20	QPSK	50	50	13.29	13.46	13.35	13.26	13.21		
20	QPSK	100	0	13.15	13.51	13.46	13.41	13.24		
20	16QAM	1	0	13.31	13.13	13.60	13.55	13.38	14	0
20	16QAM	1	49	13.42	13.60	13.72	13.58	13.35		
20	16QAM	1	99	13.49	13.70	13.61	13.55	13.36		
20	16QAM	50	0	13.17	13.28	13.46	13.44	13.18	14	0
20	16QAM	50	24	13.26	13.36	13.52	13.45	13.28		
20	16QAM	50	50	13.34	13.39	13.53	13.48	13.24		
20	16QAM	100	0	13.24	13.32	13.51	13.45	13.15		
20	64QAM	1	0	13.19	13.21	13.49	13.39	13.09	14	0
20	64QAM	1	49	13.24	13.43	13.51	13.40	13.18		
20	64QAM	1	99	13.35	13.51	13.49	13.45	13.18		
20	64QAM	50	0	13.11	13.22	13.50	13.46	13.25	14	0
20	64QAM	50	24	13.23	13.26	13.45	13.44	13.21		
20	64QAM	50	50	13.32	13.44	13.47	13.44	13.28		
20	64QAM	100	0	13.21	13.27	13.44	13.39	13.23		
20	256QAM	1	0	13.03	13.15	13.42	13.26	12.96	14	0
20	256QAM	1	49	13.05	13.35	13.33	13.35	13.09		
20	256QAM	1	99	13.30	13.45	13.41	13.33	13.13		
20	256QAM	50	0	13.06	13.05	13.40	13.28	13.05	14	0
20	256QAM	50	24	13.16	13.07	13.30	13.24	13.13		
20	256QAM	50	50	13.15	13.37	13.36	13.38	13.14		
20	256QAM	100	0	13.08	13.13	13.39	13.25	13.04		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	13.02	13.05	13.30	13.28	13.03	14.00	0
15	QPSK	1	37	13.10	13.19	13.31	13.23	13.01		
15	QPSK	1	74	13.20	13.73	13.31	13.24	13.05		
15	QPSK	36	0	13.03	13.53	13.45	13.41	13.24	14	0
15	QPSK	36	20	13.10	13.28	13.42	13.29	13.21		
15	QPSK	36	39	13.26	13.37	13.49	13.39	13.24		
15	QPSK	75	0	13.04	13.44	13.37	13.38	13.21		
15	16QAM	1	0	13.22	13.04	13.58	13.52	13.36	14	0
15	16QAM	1	37	13.38	13.60	13.61	13.53	13.35		
15	16QAM	1	74	13.47	13.63	13.52	13.46	13.26		
15	16QAM	36	0	13.10	13.26	13.40	13.37	13.08	14	0
15	16QAM	36	20	13.17	13.33	13.43	13.38	13.21		
15	16QAM	36	39	13.33	13.30	13.45	13.47	13.14		
15	16QAM	75	0	13.18	13.30	13.48	13.45	13.09		
15	64QAM	1	0	13.13	13.21	13.44	13.33	13.03	14	0
15	64QAM	1	37	13.24	13.35	13.42	13.30	13.08		
15	64QAM	1	74	13.27	13.49	13.43	13.39	13.07		
15	64QAM	36	0	13.02	13.21	13.46	13.38	13.20	14	0
15	64QAM	36	20	13.18	13.16	13.35	13.36	13.19		
15	64QAM	36	39	13.30	13.35	13.37	13.41	13.24		
15	64QAM	75	0	13.10	13.17	13.44	13.36	13.17		
15	256QAM	1	0	13.00	13.06	13.41	13.26	12.94	14	0
15	256QAM	1	37	13.03	13.30	13.33	13.29	13.00		
15	256QAM	1	74	13.19	13.42	13.37	13.27	13.03		
15	256QAM	36	0	13.02	12.99	13.35	13.26	13.01	14	0
15	256QAM	36	20	13.05	12.98	13.30	13.15	13.05		
15	256QAM	36	39	13.10	13.26	13.25	13.30	13.13		
15	256QAM	75	0	13.04	13.10	13.30	13.21	13.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	13.05	13.11	13.40	13.31	13.05	14.00	0
10	QPSK	1	25	13.07	13.19	13.37	13.27	13.10		
10	QPSK	1	49	13.02	13.27	13.42	13.30	13.04		
10	QPSK	25	0	13.13	13.24	13.39	13.36	13.16	14	0
10	QPSK	25	12	13.15	13.25	13.44	13.35	13.21		
10	QPSK	25	25	13.16	13.28	13.43	13.43	13.24		
10	QPSK	50	0	13.16	13.21	13.44	13.45	13.22		
10	16QAM	1	0	13.33	13.44	13.65	13.57	13.33	14	0
10	16QAM	1	25	13.36	13.51	13.65	13.69	13.36		
10	16QAM	1	49	13.39	13.59	13.67	13.68	13.33		
10	16QAM	25	0	13.15	13.30	13.43	13.46	13.21	14	0
10	16QAM	25	12	13.21	13.31	13.53	13.48	13.23		
10	16QAM	25	25	13.14	13.33	13.48	13.49	13.29		
10	16QAM	50	0	13.11	13.27	13.45	13.41	13.18		
10	64QAM	1	0	13.13	13.23	13.48	13.47	13.22	14	0
10	64QAM	1	25	13.19	13.30	13.51	13.48	13.20		
10	64QAM	1	49	13.24	13.40	13.53	13.46	13.13		
10	64QAM	25	0	13.28	13.26	13.52	13.41	13.25	14	0
10	64QAM	25	12	13.11	13.26	13.54	13.45	13.29		
10	64QAM	25	25	13.20	13.27	13.48	13.47	13.24		
10	64QAM	50	0	13.00	13.28	13.43	13.34	13.16	14	0
10	256QAM	1	0	13.02	13.06	13.40	13.19	12.89		
10	256QAM	1	25	13.12	13.33	13.38	13.22	13.11		
10	256QAM	1	49	13.23	13.43	13.33	13.35	13.05		
10	256QAM	25	0	13.06	13.15	13.32	13.34	13.17	14	0
10	256QAM	25	12	13.09	13.18	13.38	13.35	13.08		
10	256QAM	25	25	13.25	13.31	13.38	13.37	13.21		
10	256QAM	50	0	13.11	13.15	13.33	13.19	13.08		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	13.01	13.15	13.41	13.31	13.14	14.00	0
5	QPSK	1	12	13.07	13.15	13.37	13.19	13.20		
5	QPSK	1	24	13.12	13.27	13.36	13.37	12.98		
5	QPSK	12	0	13.06	13.23	13.47	13.42	13.09	14	0
5	QPSK	12	7	13.07	13.18	13.42	13.28	13.29		
5	QPSK	12	13	13.07	13.21	13.43	13.53	13.23		
5	QPSK	25	0	13.16	13.25	13.37	13.53	13.20		
5	16QAM	1	0	13.29	13.41	13.63	13.53	13.39	14	0
5	16QAM	1	12	13.32	13.57	13.69	13.66	13.44		
5	16QAM	1	24	13.37	13.60	13.68	13.60	13.34		
5	16QAM	12	0	13.13	13.19	13.48	13.52	13.18	14	0
5	16QAM	12	7	13.15	13.25	13.40	13.57	13.13		
5	16QAM	12	13	13.17	13.20	13.38	13.45	13.29		
5	16QAM	25	0	13.21	13.28	13.48	13.42	13.23		
5	64QAM	1	0	13.21	13.32	13.58	13.54	13.30	14	0
5	64QAM	1	12	13.19	13.21	13.55	13.55	13.22		
5	64QAM	1	24	13.25	13.38	13.56	13.41	13.18		
5	64QAM	12	0	13.05	13.17	13.43	13.50	13.20	14	0
5	64QAM	12	7	13.13	13.26	13.45	13.55	13.26		
5	64QAM	12	13	13.12	13.25	13.37	13.42	13.28		
5	64QAM	25	0	13.21	13.33	13.61	13.26	13.19		
5	256QAM	1	0	13.00	13.10	13.31	13.25	13.02	14	0
5	256QAM	1	12	13.06	13.34	13.41	13.32	13.13		
5	256QAM	1	24	13.19	13.40	13.40	13.28	13.00		
5	256QAM	12	0	13.00	13.10	13.37	13.36	13.06	14	0
5	256QAM	12	7	13.03	13.09	13.27	13.24	13.05		
5	256QAM	12	13	13.23	13.27	13.35	13.29	13.22		
5	256QAM	25	0	13.05	13.21	13.24	13.21	13.10		

Full Power level/Default Power level for 5G NR-ENDC
For DFT-15

n5_Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.23	25.26	25.24	25.7	0.0
20	PI/2 BPSK	1	53	25.22	25.25	25.23		
20	PI/2 BPSK	1	104	25.17	25.17	25.12		
20	PI/2 BPSK	50	0	24.45	24.57	24.48	25.2	0.5
20	PI/2 BPSK	50	28	24.95	25.08	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.43	24.51	24.36	25.2	0.5
20	PI/2 BPSK	100	0	24.42	24.57	24.45		
20	QPSK	1	1	25.03	25.08	25.00	25.7	0.0
20	QPSK	1	53	24.93	25.03	24.92		
20	QPSK	1	104	24.88	25.01	24.90		
20	QPSK	50	0	23.98	24.06	24.01	24.7	1.0
20	QPSK	50	28	24.94	25.08	24.99	25.7	0.0
20	QPSK	50	56	23.89	24.04	23.95	24.7	1.0
20	QPSK	100	0	24.02	24.07	23.92		
20	16QAM	1	1	23.81	23.97	23.86	24.7	1.0
20	64QAM	1	1	22.43	22.55	22.39	23.2	2.5
20	256QAM	1	1	20.93	21.03	20.92	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	25.02	25.07	24.99	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	25.00	25.10	24.94	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	25.02	25.08	24.98	25.7	0.0

n5_Ant 1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.95	25.01	24.97	25.7	0.0
20	PI/2 BPSK	1	53	24.94	24.98	24.96		
20	PI/2 BPSK	1	104	24.84	24.74	24.76		
20	PI/2 BPSK	50	0	24.73	24.79	24.73	25.2	0.5
20	PI/2 BPSK	50	28	24.79	24.90	24.89	25.7	0.0
20	PI/2 BPSK	50	56	24.58	24.72	24.66	25.2	0.5
20	PI/2 BPSK	100	0	24.70	24.74	24.73		
20	QPSK	1	1	24.81	24.87	24.80	25.7	0.0
20	QPSK	1	53	24.73	24.81	24.69		
20	QPSK	1	104	24.59	24.66	24.61		
20	QPSK	50	0	23.57	23.70	23.56	24.7	1.0
20	QPSK	50	28	24.70	24.77	24.65	25.7	0.0
20	QPSK	50	56	23.47	23.59	23.50	24.7	1.0
20	QPSK	100	0	23.60	23.67	23.57		
20	16QAM	1	1	23.54	23.67	23.53	24.7	1.0
20	64QAM	1	1	22.19	22.28	22.23	23.2	2.5
20	256QAM	1	1	20.69	20.76	20.69	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	24.62	24.74	24.69	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	24.59	24.78	24.63	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	24.65	24.83	24.58	25.7	0.0

n7_Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.38	22.41	22.36	24.0	0.0
50	PI/2 BPSK	1	135	22.26	22.28	22.21		
50	PI/2 BPSK	1	268	22.35	22.24	22.31		
50	PI/2 BPSK	135	0	21.78	21.83	21.67	23.5	0.5
50	PI/2 BPSK	135	68	22.36	22.38	22.21	24.0	0.0
50	PI/2 BPSK	135	135	21.44	21.53	21.42	23.5	0.5
50	PI/2 BPSK	270	0	21.74	21.75	21.66		
50	QPSK	1	1	22.37	22.40	22.35	24.0	0.0
50	QPSK	1	135	22.28	22.34	22.23		
50	QPSK	1	268	22.04	22.11	21.95		
50	QPSK	135	0	21.06	21.21	21.15	23.0	1.0
50	QPSK	135	68	22.13	22.21	22.12	24.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	1.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	1.0
50	64QAM	1	1	19.68	19.78	19.71	21.5	2.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.31	22.32	22.27	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.36	22.31	22.31	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.40	21.56	21.40	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.37	22.15	22.30	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.98	22.11	21.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.00	22.19	22.02	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.96	22.03	21.97	24.0	0.0

n7_Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.48	24.59	24.56	25.0	0.0
50	PI/2 BPSK	1	135	24.22	24.28	24.14		
50	PI/2 BPSK	1	268	24.34	24.28	24.55		
50	PI/2 BPSK	135	0	23.82	23.89	23.80	24.5	0.5
50	PI/2 BPSK	135	68	24.26	24.33	24.29	25.0	0.0
50	PI/2 BPSK	135	135	23.82	23.85	23.78	24.5	0.5
50	PI/2 BPSK	270	0	23.86	23.90	23.82		
50	QPSK	1	1	24.34	24.43	24.34	25.0	0.0
50	QPSK	1	135	23.94	24.10	23.97		
50	QPSK	1	268	24.15	24.27	24.21		
50	QPSK	135	0	23.73	23.83	23.69	24.0	1.0
50	QPSK	135	68	24.19	24.24	24.17	25.0	0.0
50	QPSK	135	135	23.54	23.68	23.56	24.0	1.0
50	QPSK	270	0	23.67	23.75	23.68		
50	16QAM	1	1	23.51	23.62	23.50	24.0	1.0
50	64QAM	1	1	21.32	21.35	21.30	22.5	2.5
50	256QAM	1	1	20.34	20.47	20.39	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.26	24.39	24.24	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.32	24.27	24.32	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.34	23.41	23.34	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.09	24.19	24.07	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.08	24.12	24.13	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.07	24.14	24.11	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.09	24.12	24.12	25.0	0.0

n7_Ant 3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.32	24.52	24.19	25.7	0.0
50	PI/2 BPSK	1	135	24.18	24.24	24.02		
50	PI/2 BPSK	1	268	24.24	24.43	24.18		
50	PI/2 BPSK	135	0	23.83	23.96	23.86	25.2	0.5
50	PI/2 BPSK	135	68	24.22	24.31	24.26	25.7	0.0
50	PI/2 BPSK	135	135	23.93	24.00	23.84	25.2	0.5
50	PI/2 BPSK	270	0	23.76	23.85	23.75		
50	QPSK	1	1	24.24	24.39	24.33	25.7	0.0
50	QPSK	1	135	24.00	24.16	24.09		
50	QPSK	1	268	24.47	24.51	24.36		
50	QPSK	135	0	23.16	23.28	23.13	24.7	1.0
50	QPSK	135	68	24.17	24.29	24.24	25.7	0.0
50	QPSK	135	135	23.16	23.28	23.20	24.7	1.0
50	QPSK	270	0	23.09	23.20	23.06		
50	16QAM	1	1	22.83	22.89	22.78	24.7	1.0
50	64QAM	1	1	21.42	21.47	21.38	23.2	2.5
50	256QAM	1	1	20.24	20.39	20.32	21.2	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.38	24.45	24.32	25.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.35	24.47	24.35	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.44	23.59	23.44	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.35	24.29	24.31	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.34	24.22	24.29	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.40	24.18	24.34	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.36	24.13	24.32	25.7	0.0

n7_Ant 5 Default

YYYYY	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.01	23.05	23.03	24.5	0.0
50	PI/2 BPSK	1	135	22.85	22.96	23.02		
50	PI/2 BPSK	1	268	22.92	23.01	22.95		
50	PI/2 BPSK	135	0	22.60	22.71	22.57	24.0	0.5
50	PI/2 BPSK	135	68	22.78	22.81	22.79	24.5	0.0
50	PI/2 BPSK	135	135	22.66	22.71	22.58	24.0	0.5
50	PI/2 BPSK	270	0	22.12	22.29	22.13		
50	QPSK	1	1	22.79	22.95	22.90	24.5	0.0
50	QPSK	1	135	22.62	22.76	22.69		
50	QPSK	1	268	22.95	23.00	23.00		
50	QPSK	135	0	21.65	21.77	21.63	23.5	1.0
50	QPSK	135	68	22.82	22.95	22.81	24.5	0.0
50	QPSK	135	135	21.79	21.86	21.71	23.5	1.0
50	QPSK	270	0	21.77	21.87	21.82		
50	16QAM	1	1	21.39	21.51	21.37	23.5	1.0
50	64QAM	1	1	20.02	20.11	19.97	22.0	2.5
50	256QAM	1	1	18.93	19.07	18.98	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.92	23.00	22.92	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.87	22.97	22.84	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	22.94	22.36	22.92	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	22.94	22.93	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.90	22.88	22.92	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.94	22.88	22.84	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.85	22.84	22.91	24.5	0.0

For DFT-30

n38_Ant 0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.83	22.89	22.80	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.68	22.56		
40	PI/2 BPSK	1	104	22.47	22.34	22.23		
40	PI/2 BPSK	50	0	21.87	22.02	21.92	23.5	0.5
40	PI/2 BPSK	50	28	22.36	22.75	22.34	24.0	0.0
40	PI/2 BPSK	50	56	22.01	22.15	22.09	23.5	0.5
40	PI/2 BPSK	100	0	22.16	22.25	22.12		
40	QPSK	1	1	22.69	22.74	22.59	24.0	0.0
40	QPSK	1	53	22.37	22.56	22.35		
40	QPSK	1	104	22.24	22.59	22.26		
40	QPSK	50	0	22.38	22.65	22.39	24.0	0.0
40	QPSK	50	28	22.31	22.53	22.29		
40	QPSK	50	56	22.17	22.51	22.11		
40	QPSK	100	0	21.52	21.56	21.53	23.0	1.0
40	16QAM	1	1	21.24	21.54	21.16	23.0	1.0
40	64QAM	1	1	20.05	20.12	20.06	21.5	2.5
40	256QAM	1	1	18.41	18.48	18.43	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	22.53	22.69	22.58	24.0	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	21.80	21.91	21.76	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.55	22.74	22.61	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.56	22.61	22.59	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	22.61	22.65	22.61	24.0	0.0

n38_Ant 2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.94	24.98	24.96	25.5	0.0
40	PI/2 BPSK	1	53	24.82	24.83	24.74		
40	PI/2 BPSK	1	104	24.86	24.92	24.82		
40	PI/2 BPSK	50	0	24.07	24.22	24.12	25.0	0.5
40	PI/2 BPSK	50	28	24.54	24.68	24.55	25.5	0.0
40	PI/2 BPSK	50	56	23.96	24.07	23.93	25.0	0.5
40	PI/2 BPSK	100	0	24.04	24.16	24.08		
40	QPSK	1	1	24.89	24.97	24.91	25.5	0.0
40	QPSK	1	53	24.69	24.75	24.67		
40	QPSK	1	104	24.65	24.77	24.61		
40	QPSK	50	0	24.37	24.51	24.41	25.5	0.0
40	QPSK	50	28	24.36	24.48	24.39		
40	QPSK	50	56	24.33	24.38	24.24		
40	QPSK	100	0	23.87	23.94	23.78	24.5	1.0
40	16QAM	1	1	23.57	23.63	23.49	24.5	1.0
40	64QAM	1	1	22.03	22.12	21.98	23.0	2.5
40	256QAM	1	1	20.67	20.82	20.72	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	24.71	24.82	24.70	25.5	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	24.01	24.16	24.08	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	24.72	24.86	24.72	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	24.71	24.79	24.75	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	24.74	24.73	24.68	25.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.84	25.20	24.86	25.7	0.0
40	PI/2 BPSK	1	53	24.82	25.00	24.82		
40	PI/2 BPSK	1	104	24.61	25.19	24.73		
40	PI/2 BPSK	50	0	24.38	24.56	24.33	25.2	0.5
40	PI/2 BPSK	50	28	24.69	24.88	24.65	25.7	0.0
40	PI/2 BPSK	50	56	24.17	24.28	24.19	25.2	0.5
40	PI/2 BPSK	100	0	24.18	24.34	24.20		
40	QPSK	1	1	24.37	24.49	24.38	25.7	0.0
40	QPSK	1	53	24.57	24.65	24.57		
40	QPSK	1	104	24.69	24.78	24.69		
40	QPSK	50	0	23.66	23.77	23.72	25.7	0.0
40	QPSK	50	28	24.19	24.25	24.20		
40	QPSK	50	56	23.53	23.60	23.54		
40	QPSK	100	0	23.59	23.69	23.61	24.7	1.0
40	16QAM	1	1	23.65	23.71	23.63	24.7	1.0
40	64QAM	1	1	22.36	22.43	22.36	23.2	2.5
40	256QAM	1	1	20.97	21.09	21.00	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	24.38	24.54	24.43	25.7	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	23.77	23.83	23.75	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	24.42	24.64	24.39	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	24.43	24.65	24.45	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	24.47	24.66	24.49	25.7	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.18	23.56	23.21		
40	PI/2 BPSK	1	53	23.06	23.46	23.11	25.0	0.0
40	PI/2 BPSK	1	104	23.17	23.44	23.04		
40	PI/2 BPSK	50	0	22.84	23.00	22.91	24.5	0.5
40	PI/2 BPSK	50	28	23.32	23.42	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.80	22.90	22.84	24.5	0.5
40	PI/2 BPSK	100	0	22.84	22.92	22.85		
40	QPSK	1	1	23.21	23.33	23.17		
40	QPSK	1	53	22.52	23.21	22.57	25.0	0.0
40	QPSK	1	104	22.53	23.23	22.60		
40	QPSK	50	0	22.69	23.22	22.77		
40	QPSK	50	28	22.64	23.20	22.71	25.0	0.0
40	QPSK	50	56	22.53	23.21	22.61		
40	QPSK	100	0	22.69	22.76	22.68	24.0	1.0
40	16QAM	1	1	22.91	22.98	22.87	24.0	1.0
40	64QAM	1	1	20.28	20.22	20.25	22.5	2.5
40	256QAM	1	1	18.84	18.96	18.81	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	23.07	23.46	23.07	25.0	0.0
Channel				516024	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	23.06	23.40	23.08	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.99	23.51	23.11	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.96	23.45	23.11	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	23.04	23.43	23.07	25.0	0.0

Part27Q n78_Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.32			
100	PI/2 BPSK	1	137		26.03		27.0	0.0
100	PI/2 BPSK	1	271		26.29			
100	PI/2 BPSK	135	0		26.18		26.5	0.5
100	PI/2 BPSK	135	69		26.23		27.0	0.0
100	PI/2 BPSK	135	138		26.11		26.5	0.5
100	PI/2 BPSK	270	0		26.12			
100	QPSK	1	1		26.23			
100	QPSK	1	137		26.05		27.0	0.0
100	QPSK	1	271		26.13			
100	QPSK	135	0		25.95			
100	QPSK	135	69		25.94		27.0	0.0
100	QPSK	135	138		26.00			
100	QPSK	270	0		25.09		26.0	1.0
100	16QAM	1	1		24.98		26.0	1.0
100	64QAM	1	1		23.51		24.5	2.5
100	256QAM	1	1		22.21		22.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	26.21	26.19	26.26	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	26.13	26.07	26.15	27.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	26.10	26.09	26.12	27.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	26.06	26.09	26.19	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	26.06	26.09	26.11	27.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	26.15	26.06	26.13	27.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	26.16	26.10	26.16	27.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	26.10	26.04	26.11	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	26.12	26.10	26.11	27.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	26.05	26.08	26.16	27.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	26.16	26.08	26.15	27.0	0.0

Part27O n78_Ant 4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					#REF!			
Frequency (MHz)					#REF!			
100	PI/2 BPSK	1	1		26.28			
100	PI/2 BPSK	1	137		25.92		27.0	0.0
100	PI/2 BPSK	1	271		26.25			
100	PI/2 BPSK	135	0		25.59		26.5	0.5
100	PI/2 BPSK	135	69		26.23		27.0	0.0
100	PI/2 BPSK	135	138		25.64		26.5	0.5
100	PI/2 BPSK	270	0		25.72			
100	QPSK	1	1		26.00			
100	QPSK	1	137		25.91		27.0	0.0
100	QPSK	1	271		26.19			
100	QPSK	135	0		25.97			
100	QPSK	135	69		26.00		27.0	0.0
100	QPSK	135	138		26.04			
100	QPSK	270	0		25.02		26.0	1.0
100	16QAM	1	1		26.10		26.0	1.0
100	64QAM	1	1		22.65		24.5	2.5
100	256QAM	1	1		21.95		22.5	4.5
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
90	PI/2 BPSK	1	1	25.99	25.97	26.04	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
80	PI/2 BPSK	1	1	25.84	25.83	25.94	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
70	PI/2 BPSK	1	1	25.83	25.84	25.94	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
60	PI/2 BPSK	1	1	25.93	25.92	25.94	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
50	PI/2 BPSK	1	1	25.83	25.85	25.94	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
40	PI/2 BPSK	1	1	25.87	25.89	25.92	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
30	PI/2 BPSK	1	1	25.85	25.90	25.92	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
25	PI/2 BPSK	1	1	25.86	25.86	25.90	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
20	PI/2 BPSK	1	1	25.93	25.83	25.99	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
15	PI/2 BPSK	1	1	25.84	25.83	25.97	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
10	PI/2 BPSK	1	1	25.94	25.83	25.99	27.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.95		25.0	0.0
100	PI/2 BPSK	1	137		23.70			
100	PI/2 BPSK	1	271		23.93			
100	PI/2 BPSK	135	0		23.35		24.5	0.5
100	PI/2 BPSK	135	69		23.68		25.0	0.0
100	PI/2 BPSK	135	138		23.29		24.5	0.5
100	PI/2 BPSK	270	0		23.34			
100	QPSK	1	1		23.84		25.0	0.0
100	QPSK	1	137		23.71			
100	QPSK	1	271		23.90			
100	QPSK	135	0		23.78		25.0	0.0
100	QPSK	135	69		23.65			
100	QPSK	135	138		23.75			
100	QPSK	270	0		22.77		24.0	1.0
100	16QAM	1	1		22.57		24.0	1.0
100	64QAM	1	1		21.10		22.5	2.5
100	256QAM	1	1		19.80		20.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.86	23.84	23.89	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.79	23.74	23.84	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.76	23.73	23.82	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.73	23.73	23.82	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.80	23.69	23.83	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.72	23.69	23.83	25.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.74	23.78	23.80	25.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	23.72	23.78	23.76	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.81	23.73	23.80	25.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	23.75	23.69	23.84	25.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	23.81	23.71	23.81	25.0	0.0

Part27O n78_Ant 6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					#REF!			
Frequency (MHz)					#REF!			
100	PI/2 BPSK	1	1		23.89		25.0	0.0
100	PI/2 BPSK	1	137		23.56			
100	PI/2 BPSK	1	271		23.88			
100	PI/2 BPSK	135	0		23.16		24.5	0.5
100	PI/2 BPSK	135	69		23.66		25.0	0.0
100	PI/2 BPSK	135	138		23.26		24.5	0.5
100	PI/2 BPSK	270	0		23.27			
100	QPSK	1	1		23.65		25.0	0.0
100	QPSK	1	137		23.58			
100	QPSK	1	271		23.87			
100	QPSK	135	0		23.64		25.0	0.0
100	QPSK	135	69		23.65			
100	QPSK	135	138		23.74			
100	QPSK	270	0		22.70		24.0	1.0
100	16QAM	1	1		22.39		24.0	1.0
100	64QAM	1	1		20.98		22.5	2.5
100	256QAM	1	1		19.61		20.5	4.5
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
90	PI/2 BPSK	1	1	23.67	23.60	23.64	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
80	PI/2 BPSK	1	1	23.60	23.44	23.48	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
70	PI/2 BPSK	1	1	23.52	23.52	23.58	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
60	PI/2 BPSK	1	1	23.54	23.53	23.54	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
50	PI/2 BPSK	1	1	23.57	23.55	23.52	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
40	PI/2 BPSK	1	1	23.62	23.55	23.59	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
30	PI/2 BPSK	1	1	23.61	23.44	23.52	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
25	PI/2 BPSK	1	1	23.59	23.44	23.49	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
20	PI/2 BPSK	1	1	23.62	23.53	23.58	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
15	PI/2 BPSK	1	1	23.57	23.54	23.49	25.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
10	PI/2 BPSK	1	1	23.57	23.47	23.50	25.0	0.0

Part27Q n78_Ant 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.35		23.5	0.0
100	PI/2 BPSK	1	137		22.16			
100	PI/2 BPSK	1	271		22.33			
100	PI/2 BPSK	135	0		21.76		23.0	0.5
100	PI/2 BPSK	135	69		22.16		23.5	0.0
100	PI/2 BPSK	135	138		21.70		23.0	0.5
100	PI/2 BPSK	270	0		21.76			
100	QPSK	1	1		22.27		23.5	0.0
100	QPSK	1	137		22.11			
100	QPSK	1	271		22.21			
100	QPSK	135	0		21.90		23.5	0.0
100	QPSK	135	69		22.07			
100	QPSK	135	138		22.12			
100	QPSK	270	0		21.22		22.5	1.0
100	16QAM	1	1		21.04		22.5	1.0
100	64QAM	1	1		19.65		21.0	2.5
100	256QAM	1	1		18.21		19.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.22	22.28	22.29	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.13	22.23	22.24	23.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	22.15	22.19	22.21	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.08	22.16	22.13	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.13	22.17	22.13	23.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.17	22.26	22.22	23.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.17	22.24	22.19	23.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	22.07	22.24	22.16	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.13	22.26	22.15	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	22.07	22.17	22.20	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	22.11	22.27	22.13	23.5	0.0

Part27O n78_Ant 7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					#REF!			
Frequency (MHz)					#REF!			
100	PI/2 BPSK	1	1		22.15			
100	PI/2 BPSK	1	137		21.89		23.5	0.0
100	PI/2 BPSK	1	271		22.12			
100	PI/2 BPSK	135	0		21.53		23.0	0.5
100	PI/2 BPSK	135	69		22.05		23.5	0.0
100	PI/2 BPSK	135	138		21.53		23.0	0.5
100	PI/2 BPSK	270	0		21.57			
100	QPSK	1	1		22.06			
100	QPSK	1	137		21.87		23.5	0.0
100	QPSK	1	271		22.09			
100	QPSK	135	0		21.99			
100	QPSK	135	69		22.00		23.5	0.0
100	QPSK	135	138		22.05			
100	QPSK	270	0		21.03		22.5	1.0
100	16QAM	1	1		20.82		22.5	1.0
100	64QAM	1	1		19.40		21.0	2.5
100	256QAM	1	1		18.00		19.0	4.5
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
90	PI/2 BPSK	1	1	22.01	22.03	22.03	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
80	PI/2 BPSK	1	1	21.95	21.92	21.96	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
70	PI/2 BPSK	1	1	21.93	21.97	21.92	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
60	PI/2 BPSK	1	1	21.91	21.87	21.95	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
50	PI/2 BPSK	1	1	21.86	21.87	21.94	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
40	PI/2 BPSK	1	1	21.96	21.95	21.96	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
30	PI/2 BPSK	1	1	21.86	21.90	21.94	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
25	PI/2 BPSK	1	1	21.88	21.95	21.90	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
20	PI/2 BPSK	1	1	21.96	21.98	21.96	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
15	PI/2 BPSK	1	1	21.93	21.96	21.96	23.5	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
10	PI/2 BPSK	1	1	21.85	21.95	21.97	23.5	0.0

Part27Q n78_Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.79			
100	PI/2 BPSK	1	137		25.54		27.0	0.0
100	PI/2 BPSK	1	271		25.78			
100	PI/2 BPSK	135	0		25.21		26.5	0.5
100	PI/2 BPSK	135	69		25.54		27.0	0.0
100	PI/2 BPSK	135	138		25.15		26.5	0.5
100	PI/2 BPSK	270	0		25.16			
100	QPSK	1	1		25.75			
100	QPSK	1	137		25.56		27.0	0.0
100	QPSK	1	271		25.70			
100	QPSK	135	0		25.67			
100	QPSK	135	69		25.51		27.0	0.0
100	QPSK	135	138		25.64			
100	QPSK	270	0		24.63		26.0	1.0
100	16QAM	1	1		24.52		26.0	1.0
100	64QAM	1	1		23.10		24.5	2.5
100	256QAM	1	1		21.66		22.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	25.72	25.74	25.73	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	25.59	25.64	25.63	27.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	25.65	25.64	25.61	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	25.59	25.58	25.58	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	25.63	25.64	25.63	27.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	25.61	25.60	25.58	27.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	25.60	25.66	25.66	27.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	25.61	25.61	25.66	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	25.66	25.63	25.65	27.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	25.56	25.67	25.63	27.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	25.66	25.59	25.60	27.0	0.0

Part27O n78_Ant 8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					#REF!			
Frequency (MHz)					#REF!			
100	PI/2 BPSK	1	1		25.69			
100	PI/2 BPSK	1	137		25.43		27.0	0.0
100	PI/2 BPSK	1	271		25.65			
100	PI/2 BPSK	135	0		25.08		26.5	0.5
100	PI/2 BPSK	135	69		25.53		27.0	0.0
100	PI/2 BPSK	135	138		25.14		26.5	0.5
100	PI/2 BPSK	270	0		25.11			
100	QPSK	1	1		25.59			
100	QPSK	1	137		25.46		27.0	0.0
100	QPSK	1	271		25.64			
100	QPSK	135	0		25.63			
100	QPSK	135	69		25.55		27.0	0.0
100	QPSK	135	138		25.50			
100	QPSK	270	0		24.53		26.0	1.0
100	16QAM	1	1		24.33		26.0	1.0
100	64QAM	1	1		22.91		24.5	2.5
100	256QAM	1	1		21.49		22.5	4.5
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
90	PI/2 BPSK	1	1	25.53	25.54	25.59	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
80	PI/2 BPSK	1	1	25.44	25.38	25.47	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
70	PI/2 BPSK	1	1	25.44	25.47	25.54	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
60	PI/2 BPSK	1	1	25.47	25.39	25.52	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
50	PI/2 BPSK	1	1	25.39	25.43	25.51	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
40	PI/2 BPSK	1	1	25.40	25.42	25.49	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
30	PI/2 BPSK	1	1	25.39	25.39	25.48	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
25	PI/2 BPSK	1	1	25.40	25.38	25.47	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
20	PI/2 BPSK	1	1	25.37	25.46	25.54	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
15	PI/2 BPSK	1	1	25.44	25.44	25.50	27.0	0.0
Channel				#REF!	#REF!	#REF!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				#REF!	#REF!	#REF!		
10	PI/2 BPSK	1	1	25.45	25.43	25.50	27.0	0.0

Reduced power level for 5G NR-ENDC
For DFT-15

n5_Ant 0 DSI 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.23	25.26	25.24	25.7	0.0
20	PI/2 BPSK	1	53	25.22	25.25	25.23		
20	PI/2 BPSK	1	104	25.17	25.17	25.12		
20	PI/2 BPSK	50	0	24.45	24.57	24.48	25.2	0.5
20	PI/2 BPSK	50	28	24.95	25.08	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.43	24.51	24.36	25.2	0.5
20	PI/2 BPSK	100	0	24.42	24.57	24.45		
20	QPSK	1	1	25.03	25.08	25.00	25.7	0.0
20	QPSK	1	53	24.93	25.03	24.92		
20	QPSK	1	104	24.88	25.01	24.90		
20	QPSK	50	0	23.98	24.06	24.01	24.7	1.0
20	QPSK	50	28	24.94	25.08	24.99	25.7	0.0
20	QPSK	50	56	23.89	24.04	23.95	24.7	1.0
20	QPSK	100	0	24.02	24.07	23.92		
20	16QAM	1	1	23.81	23.97	23.86	24.7	1.0
20	64QAM	1	1	22.43	22.55	22.39	23.2	2.5
20	256QAM	1	1	20.93	21.03	20.92	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	25.02	25.07	24.99	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	25.00	25.10	24.94	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	25.02	25.08	24.98	25.7	0.0

n5_Ant 1 DSI 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.54	20.62	20.55	21.2	0.0
20	PI/2 BPSK	1	53	20.52	20.59	20.51		
20	PI/2 BPSK	1	104	20.43	20.48	20.45		
20	PI/2 BPSK	50	0	20.33	20.40	20.35	21.2	0.0
20	PI/2 BPSK	50	28	20.41	20.45	20.43	21.2	0.0
20	PI/2 BPSK	50	56	20.31	20.34	20.32	21.2	0.0
20	PI/2 BPSK	100	0	20.32	20.35	20.33		
20	QPSK	1	1	20.41	20.47	20.43	21.2	0.0
20	QPSK	1	53	20.36	20.54	20.54		
20	QPSK	1	104	20.32	20.42	20.35		
20	QPSK	50	0	20.28	20.34	20.24	21.2	0.0
20	QPSK	50	28	20.27	20.43	20.41	21.2	0.0
20	QPSK	50	56	20.19	20.32	20.30	21.2	0.0
20	QPSK	100	0	20.17	20.31	20.21		
20	16QAM	1	1	19.99	20.14	20.09	21.2	0.0
20	64QAM	1	1	20.11	20.18	20.09	21.2	0.0
20	256QAM	1	1	18.61	18.73	18.66	19.2	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	20.40	20.57	20.42	21.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	20.44	20.50	20.47	21.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	20.43	20.53	20.50	21.2	0.0

n7_Ant 0 DSI 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.38	22.41	22.36	24.0	0.0
50	PI/2 BPSK	1	135	22.26	22.28	22.21		
50	PI/2 BPSK	1	268	22.35	22.24	22.31		
50	PI/2 BPSK	135	0	21.78	21.83	21.67	23.5	0.5
50	PI/2 BPSK	135	68	22.36	22.38	22.21	24.0	0.0
50	PI/2 BPSK	135	135	21.44	21.53	21.42	23.5	0.5
50	PI/2 BPSK	270	0	21.74	21.75	21.66		
50	QPSK	1	1	22.37	22.40	22.35	24.0	0.0
50	QPSK	1	135	22.28	22.34	22.23		
50	QPSK	1	268	22.04	22.11	21.95		
50	QPSK	135	0	21.06	21.21	21.15	23.0	1.0
50	QPSK	135	68	22.13	22.21	22.12	24.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	1.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	1.0
50	64QAM	1	1	19.68	19.78	19.71	21.5	2.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.31	22.32	22.27	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.36	22.31	22.31	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.40	21.56	21.40	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.37	22.15	22.30	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.98	22.11	21.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.00	22.19	22.02	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.96	22.03	21.97	24.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.48	24.59	24.56	25.0	0.0
50	PI/2 BPSK	1	135	24.22	24.28	24.14		
50	PI/2 BPSK	1	268	24.34	24.28	24.55		
50	PI/2 BPSK	135	0	23.82	23.89	23.80	24.5	0.5
50	PI/2 BPSK	135	68	24.26	24.33	24.29	25.0	0.0
50	PI/2 BPSK	135	135	23.82	23.85	23.78	24.5	0.5
50	PI/2 BPSK	270	0	23.86	23.90	23.82		
50	QPSK	1	1	24.34	24.43	24.34	25.0	0.0
50	QPSK	1	135	23.94	24.10	23.97		
50	QPSK	1	268	24.15	24.27	24.21		
50	QPSK	135	0	23.73	23.83	23.69	24.0	1.0
50	QPSK	135	68	24.19	24.24	24.17	25.0	0.0
50	QPSK	135	135	23.54	23.68	23.56	24.0	1.0
50	QPSK	270	0	23.67	23.75	23.68		
50	16QAM	1	1	23.51	23.62	23.50	24.0	1.0
50	64QAM	1	1	21.32	21.35	21.30	22.5	2.5
50	256QAM	1	1	20.34	20.47	20.39	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.26	24.39	24.24	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.32	24.27	24.32	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.34	23.41	23.34	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.09	24.19	24.07	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.08	24.12	24.13	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.07	24.14	24.11	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.09	24.12	24.12	25.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.48	15.62	15.42	16.2	0.0
50	PI/2 BPSK	1	135	15.45	15.51	15.40		
50	PI/2 BPSK	1	268	15.44	15.46	15.38		
50	PI/2 BPSK	135	0	15.33	15.35	15.31	16.2	0.0
50	PI/2 BPSK	135	68	15.52	15.57	15.48	16.2	0.0
50	PI/2 BPSK	135	135	15.50	15.55	15.40	16.2	0.0
50	PI/2 BPSK	270	0	15.53	15.61	15.42		
50	QPSK	1	1	15.27	15.27	15.13	16.2	0.0
50	QPSK	1	135	15.03	15.09	14.90		
50	QPSK	1	268	15.17	15.25	15.04		
50	QPSK	135	0	15.31	15.36	15.23	16.2	0.0
50	QPSK	135	68	15.45	15.46	15.32	16.2	0.0
50	QPSK	135	135	15.42	15.53	15.32	16.2	0.0
50	QPSK	270	0	15.48	15.52	15.40		
50	16QAM	1	1	15.14	15.16	15.05	16.2	0.0
50	64QAM	1	1	14.77	14.88	14.71	16.2	0.0
50	256QAM	1	1	15.28	15.31	15.20	16.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.32	15.47	15.27	16.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	15.43	15.47	15.33	16.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	15.38	15.57	15.28	16.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.33	15.57	15.28	16.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.42	15.55	15.30	16.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	15.41	15.46	15.27	16.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	15.32	15.49	15.34	16.2	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	12.90	13.01	12.95	14.0	0.0
50	PI/2 BPSK	1	135	12.85	12.92	12.89		
50	PI/2 BPSK	1	268	12.89	12.91	12.90		
50	PI/2 BPSK	135	0	12.80	12.88	12.85	14.0	0.0
50	PI/2 BPSK	135	68	12.85	12.98	12.90	14.0	0.0
50	PI/2 BPSK	135	135	12.84	12.96	12.87	14.0	0.0
50	PI/2 BPSK	270	0	12.82	12.95	12.93		
50	QPSK	1	1	12.64	12.82	12.74	14.0	0.0
50	QPSK	1	135	12.49	12.67	12.66		
50	QPSK	1	268	12.63	12.79	12.79		
50	QPSK	135	0	12.61	12.78	12.76	14.0	0.0
50	QPSK	135	68	12.76	12.92	12.83	14.0	0.0
50	QPSK	135	135	12.85	12.99	12.93	14.0	0.0
50	QPSK	270	0	12.78	12.94	12.85		
50	16QAM	1	1	12.63	12.77	12.72	14.0	0.0
50	64QAM	1	1	12.32	12.46	12.45	14.0	0.0
50	256QAM	1	1	12.72	12.92	12.91	14.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	12.75	12.93	12.87	14.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	12.85	12.93	12.84	14.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	12.77	12.86	12.86	14.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	12.84	12.89	12.90	14.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	12.83	12.89	12.90	14.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	12.80	12.96	12.89	14.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	12.78	12.94	12.85	14.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.83	22.89	22.80	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.68	22.56		
40	PI/2 BPSK	1	104	22.47	22.34	22.23		
40	PI/2 BPSK	50	0	21.87	22.02	21.92	23.5	0.5
40	PI/2 BPSK	50	28	22.36	22.75	22.34	24.0	0.0
40	PI/2 BPSK	50	56	22.01	22.15	22.09	23.5	0.5
40	PI/2 BPSK	100	0	22.16	22.25	22.12		
40	QPSK	1	1	22.69	22.74	22.59	24.0	0.0
40	QPSK	1	53	22.37	22.56	22.35		
40	QPSK	1	104	22.24	22.59	22.26		
40	QPSK	50	0	22.38	22.65	22.39	24.0	0.0
40	QPSK	50	28	22.31	22.53	22.29		
40	QPSK	50	56	22.17	22.51	22.11		
40	QPSK	100	0	21.52	21.56	21.53	23.0	1.0
40	16QAM	1	1	21.24	21.54	21.16	23.0	1.0
40	64QAM	1	1	20.05	20.12	20.06	21.5	2.5
40	256QAM	1	1	18.41	18.48	18.43	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	22.53	22.69	22.58	24.0	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	21.80	21.91	21.76	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.55	22.74	22.61	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.56	22.61	22.59	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	22.61	22.65	22.61	24.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.94	24.98	24.96	25.5	0.0
40	PI/2 BPSK	1	53	24.82	24.83	24.74		
40	PI/2 BPSK	1	104	24.86	24.92	24.82		
40	PI/2 BPSK	50	0	24.07	24.22	24.12	25.0	0.5
40	PI/2 BPSK	50	28	24.54	24.68	24.55	25.5	0.0
40	PI/2 BPSK	50	56	23.96	24.07	23.93	25.0	0.5
40	PI/2 BPSK	100	0	24.04	24.16	24.08		
40	QPSK	1	1	24.89	24.97	24.91	25.5	0.0
40	QPSK	1	53	24.69	24.75	24.67		
40	QPSK	1	104	24.65	24.77	24.61		
40	QPSK	50	0	24.37	24.51	24.41	25.5	0.0
40	QPSK	50	28	24.36	24.48	24.39		
40	QPSK	50	56	24.33	24.38	24.24		
40	QPSK	100	0	23.87	23.94	23.78	24.5	1.0
40	16QAM	1	1	23.57	23.63	23.49	24.5	1.0
40	64QAM	1	1	22.03	22.12	21.98	23.0	2.5
40	256QAM	1	1	20.67	20.82	20.72	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	24.71	24.82	24.70	25.5	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	24.01	24.16	24.08	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	24.72	24.86	24.72	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	24.71	24.79	24.75	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	24.74	24.73	24.68	25.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.54	16.65	16.57	16.7	0.0
40	PI/2 BPSK	1	53	16.52	16.61	16.53		
40	PI/2 BPSK	1	104	16.50	16.63	16.50		
40	PI/2 BPSK	50	0	16.42	16.48	16.47	16.7	0.0
40	PI/2 BPSK	50	28	16.54	16.60	16.57	16.7	0.0
40	PI/2 BPSK	50	56	16.45	16.49	16.47	16.7	0.0
40	PI/2 BPSK	100	0	16.46	16.49	16.47		
40	QPSK	1	1	16.41	16.53	16.44	16.7	0.0
40	QPSK	1	53	16.39	16.55	16.53		
40	QPSK	1	104	16.32	16.52	16.50		
40	QPSK	50	0	16.36	16.46	16.37	16.7	0.0
40	QPSK	50	28	16.37	16.56	16.52		
40	QPSK	50	56	16.33	16.45	16.38		
40	QPSK	100	0	16.24	16.44	16.36	16.7	0.0
40	16QAM	1	1	16.16	16.31	16.25	16.7	0.0
40	64QAM	1	1	16.17	16.35	16.27	16.7	0.0
40	256QAM	1	1	16.26	16.39	16.35	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	16.42	16.54	16.48	16.7	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	16.42	16.49	16.47	16.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	16.45	16.53	16.52	16.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	16.45	16.55	16.50	16.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	16.40	14.52	16.46	16.7	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	12.85	13.06	12.92	14.0	0.0
40	PI/2 BPSK	1	53	12.78	12.90	12.82		
40	PI/2 BPSK	1	104	12.76	12.85	12.79		
40	PI/2 BPSK	50	0	12.78	12.83	12.81	14.0	0.0
40	PI/2 BPSK	50	28	12.79	12.85	12.82	14.0	0.0
40	PI/2 BPSK	50	56	12.69	12.74	12.71	14.0	0.0
40	PI/2 BPSK	100	0	12.74	12.77	12.75		
40	QPSK	1	1	12.73	12.81	12.67	14.0	0.0
40	QPSK	1	53	12.77	12.88	12.78		
40	QPSK	1	104	12.63	12.69	12.60		
40	QPSK	50	0	12.67	12.79	12.65	14.0	0.0
40	QPSK	50	28	12.63	12.77	12.64		
40	QPSK	50	56	12.64	12.72	12.59		
40	QPSK	100	0	12.70	12.77	12.71	14.0	0.0
40	16QAM	1	1	12.58	12.73	12.63	14.0	0.0
40	64QAM	1	1	12.32	12.44	12.28	14.0	0.0
40	256QAM	1	1	12.81	12.92	12.77	14.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	12.73	13.00	12.77	14.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	12.74	12.97	12.79	14.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	12.80	12.94	12.83	14.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	12.79	12.94	12.79	14.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	12.74	12.92	12.87	14.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.48		14.0	0.0
100	PI/2 BPSK	1	137		13.33			
100	PI/2 BPSK	1	271		13.16			
100	PI/2 BPSK	135	0		13.44		14.0	0.0
100	PI/2 BPSK	135	69		13.46		14.0	0.0
100	PI/2 BPSK	135	138		13.24		14.0	0.0
100	PI/2 BPSK	270	0		13.39			
100	QPSK	1	1		13.11		14.0	0.0
100	QPSK	1	137		13.06			
100	QPSK	1	271		13.14			
100	QPSK	135	0		13.42		14.0	0.0
100	QPSK	135	69		13.37			
100	QPSK	135	138		13.22			
100	QPSK	270	0		13.32		14.0	0.0
100	16QAM	1	1		13.09		14.0	0.0
100	64QAM	1	1		13.13		14.0	0.0
100	256QAM	1	1		13.45		14.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.40	13.42	13.35	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.34	13.28	13.20	14.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.29	13.34	13.28	14.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.25	13.35	13.22	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.26	13.27	13.23	14.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.32	13.28	13.28	14.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.34	13.30	13.24	14.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	13.32	13.35	13.23	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.27	13.31	13.21	14.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	13.30	13.35	13.21	14.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	13.29	13.31	13.20	14.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.18		14.0	0.0
100	PI/2 BPSK	1	137		13.11			
100	PI/2 BPSK	1	271		13.04			
100	PI/2 BPSK	135	0		13.13		14.0	0.0
100	PI/2 BPSK	135	69		13.14		14.0	0.0
100	PI/2 BPSK	135	138		13.11		14.0	0.0
100	PI/2 BPSK	270	0		13.12			
100	QPSK	1	1		12.95		14.0	0.0
100	QPSK	1	137		13.13			
100	QPSK	1	271		13.03			
100	QPSK	135	0		13.14		14.0	0.0
100	QPSK	135	69		13.15			
100	QPSK	135	138		13.09			
100	QPSK	270	0		13.13		14.0	0.0
100	16QAM	1	1		12.80		14.0	0.0
100	64QAM	1	1		12.78		14.0	0.0
100	256QAM	1	1		12.85		14.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	13.10	13.12	13.05	14.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	13.04	12.96	12.95	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	12.96	12.97	12.99	14.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	12.98	13.07	12.91	14.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	13.00	13.07	12.97	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	13.03	12.98	12.98	14.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	12.99	13.02	12.92	14.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	12.99	13.01	12.90	14.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	12.94	12.97	12.97	14.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	12.97	12.99	12.92	14.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	12.98	13.00	12.93	14.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.06		15.0	0.0
100	PI/2 BPSK	1	137		13.95			
100	PI/2 BPSK	1	271		13.85			
100	PI/2 BPSK	135	0		13.83		15.0	0.0
100	PI/2 BPSK	135	69		14.05		15.0	0.0
100	PI/2 BPSK	135	138		13.82		15.0	0.0
100	PI/2 BPSK	270	0		14.02			
100	QPSK	1	1		13.91		15.0	0.0
100	QPSK	1	137		13.93			
100	QPSK	1	271		13.78			
100	QPSK	135	0		14.02		15.0	0.0
100	QPSK	135	69		13.96			
100	QPSK	135	138		13.84			
100	QPSK	270	0		13.98		15.0	0.0
100	16QAM	1	1		13.75		15.0	0.0
100	64QAM	1	1		13.74		15.0	0.0
100	256QAM	1	1		13.82		15.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.95	13.98	13.90	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.80	13.86	13.80	15.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.89	13.82	13.74	15.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.80	13.93	13.77	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.83	13.92	13.77	15.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.87	13.86	13.82	15.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.79	13.84	13.78	15.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	13.87	13.87	13.85	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.88	13.82	13.77	15.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	13.85	13.85	13.77	15.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	13.80	13.84	13.85	15.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.95		15.0	0.0
100	PI/2 BPSK	1	137		13.88			
100	PI/2 BPSK	1	271		13.76			
100	PI/2 BPSK	135	0		13.93		15.0	0.0
100	PI/2 BPSK	135	69		13.94		15.0	0.0
100	PI/2 BPSK	135	138		13.87		15.0	0.0
100	PI/2 BPSK	270	0		13.92			
100	QPSK	1	1		13.79		15.0	0.0
100	QPSK	1	137		13.86			
100	QPSK	1	271		13.76			
100	QPSK	135	0		13.91		15.0	0.0
100	QPSK	135	69		13.85			
100	QPSK	135	138		13.87			
100	QPSK	270	0		13.92		15.0	0.0
100	16QAM	1	1		13.54		15.0	0.0
100	64QAM	1	1		13.56		15.0	0.0
100	256QAM	1	1		13.70		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	13.88	13.92	13.86	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	13.83	13.77	13.72	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	13.75	13.81	13.74	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	13.79	13.77	13.80	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	13.78	13.83	13.73	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	13.80	13.86	13.80	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	13.75	13.80	13.70	15.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	13.74	13.83	13.74	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	13.79	13.78	13.70	15.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	13.78	13.86	13.72	15.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	13.81	13.77	13.70	15.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.17		14.0	0.0
100	PI/2 BPSK	1	137		12.96			
100	PI/2 BPSK	1	271		12.92			
100	PI/2 BPSK	135	0		13.08		14.0	0.0
100	PI/2 BPSK	135	69		13.12		14.0	0.0
100	PI/2 BPSK	135	138		12.84		14.0	0.0
100	PI/2 BPSK	270	0		13.07			
100	QPSK	1	1		13.12		14.0	0.0
100	QPSK	1	137		13.02			
100	QPSK	1	271		12.76			
100	QPSK	135	0		13.14		14.0	0.0
100	QPSK	135	69		13.02			
100	QPSK	135	138		12.93			
100	QPSK	270	0		13.04		14.0	0.0
100	16QAM	1	1		12.85		14.0	0.0
100	64QAM	1	1		12.92		14.0	0.0
100	256QAM	1	1		12.90		14.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.02	13.10	12.95	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	12.93	13.03	12.90	14.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	12.96	12.98	12.83	14.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	12.95	12.95	12.84	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	12.95	13.00	12.85	14.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	12.86	13.02	12.84	14.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	12.86	12.94	12.80	14.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	12.97	13.02	12.79	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	12.94	13.02	12.86	14.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	12.89	13.05	12.82	14.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	12.92	13.00	12.80	14.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.97		14.0	0.0
100	PI/2 BPSK	1	137		12.92			
100	PI/2 BPSK	1	271		12.82			
100	PI/2 BPSK	135	0		12.92		14.0	0.0
100	PI/2 BPSK	135	69		12.95		14.0	0.0
100	PI/2 BPSK	135	138		12.91		14.0	0.0
100	PI/2 BPSK	270	0		12.92			
100	QPSK	1	1		12.82		14.0	0.0
100	QPSK	1	137		12.92			
100	QPSK	1	271		12.78			
100	QPSK	135	0		12.96		14.0	0.0
100	QPSK	135	69		12.92			
100	QPSK	135	138		12.92			
100	QPSK	270	0		12.63		14.0	0.0
100	16QAM	1	1		12.62		14.0	0.0
100	64QAM	1	1		12.61		14.0	0.0
100	256QAM	1	1		12.58		14.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	12.88	12.92	12.82	14.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	12.82	12.85	12.71	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	12.80	12.84	12.75	14.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	12.76	12.85	12.71	14.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	12.79	12.85	12.74	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	12.74	12.83	12.66	14.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	12.75	12.79	12.72	14.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	12.80	12.78	12.70	14.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	12.81	12.83	12.73	14.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	12.81	12.76	12.72	14.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	12.80	12.79	12.75	14.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.29		23.5	0.0
100	PI/2 BPSK	1	137		22.04			
100	PI/2 BPSK	1	271		22.28			
100	PI/2 BPSK	135	0		21.71		23.5	0.0
100	PI/2 BPSK	135	69		22.04		23.5	0.0
100	PI/2 BPSK	135	138		21.65		23.5	0.0
100	PI/2 BPSK	270	0		21.66			
100	QPSK	1	1		22.25		23.5	0.0
100	QPSK	1	137		22.06			
100	QPSK	1	271		22.20			
100	QPSK	135	0		22.17		23.5	0.0
100	QPSK	135	69		22.01			
100	QPSK	135	138		22.14			
100	QPSK	270	0		21.13		23.5	0.0
100	16QAM	1	1		21.02		23.5	0.0
100	64QAM	1	1		19.60		23.5	0.0
100	256QAM	1	1		18.16		22.5	1.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.22	22.24	22.23	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.09	22.14	19.63	23.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	22.15	22.14	22.11	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.09	22.08	22.08	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.13	22.14	22.13	23.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.11	22.10	22.08	23.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.10	22.16	22.16	23.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	22.11	22.11	22.16	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.16	22.13	22.15	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	22.06	22.17	22.13	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	22.16	22.09	22.10	23.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.19		23.5	0.0
100	PI/2 BPSK	1	137		21.93			
100	PI/2 BPSK	1	271		22.15			
100	PI/2 BPSK	135	0		21.58		23.5	0.0
100	PI/2 BPSK	135	69		22.03		23.5	0.0
100	PI/2 BPSK	135	138		21.64		23.5	0.0
100	PI/2 BPSK	270	0		21.61			
100	QPSK	1	1		22.09		23.5	0.0
100	QPSK	1	137		21.96			
100	QPSK	1	271		22.14			
100	QPSK	135	0		22.13		23.5	0.0
100	QPSK	135	69		22.05			
100	QPSK	135	138		22.00			
100	QPSK	270	0		21.03		23.5	0.0
100	16QAM	1	1		20.83		23.5	0.0
100	64QAM	1	1		19.41		23.5	0.0
100	256QAM	1	1		17.99		22.5	1.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	22.03	22.04	22.09	23.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	21.94	21.88	21.97	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	21.94	21.97	22.04	23.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	21.97	21.89	22.02	23.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	21.89	21.93	22.01	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	21.90	21.92	21.99	23.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	21.89	21.89	21.98	23.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	21.90	21.88	21.97	23.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	21.87	21.96	22.04	23.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	21.94	21.94	22.00	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	21.95	21.93	22.00	23.5	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.73	24.76	24.74	25.2	0.0
20	PI/2 BPSK	1	53	24.72	24.75	24.73		
20	PI/2 BPSK	1	104	24.67	24.67	24.62		
20	PI/2 BPSK	50	0	23.95	24.07	23.98	25.2	0.0
20	PI/2 BPSK	50	28	24.45	24.58	24.53	25.2	0.0
20	PI/2 BPSK	50	56	23.93	24.01	23.86	25.2	0.0
20	PI/2 BPSK	100	0	23.92	24.07	23.95		
20	QPSK	1	1	24.53	24.58	24.50	25.2	0.0
20	QPSK	1	53	24.43	24.53	24.42		
20	QPSK	1	104	24.38	24.51	24.40		
20	QPSK	50	0	23.48	23.56	23.51	24.7	0.5
20	QPSK	50	28	24.44	24.58	24.49	25.2	0.0
20	QPSK	50	56	23.89	24.04	23.95	24.7	0.5
20	QPSK	100	0	24.02	24.07	23.92		
20	16QAM	1	1	23.81	23.97	23.86	24.7	0.5
20	64QAM	1	1	22.43	22.55	22.39	23.2	2.0
20	256QAM	1	1	20.93	21.03	20.92	21.2	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	24.52	24.57	24.49	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	24.50	24.60	24.44	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	24.52	24.58	24.48	25.2	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.04	21.12	21.05	21.7	0.0
20	PI/2 BPSK	1	53	21.02	21.09	21.01		
20	PI/2 BPSK	1	104	20.93	20.98	20.95		
20	PI/2 BPSK	50	0	20.83	20.90	20.85	21.7	0.0
20	PI/2 BPSK	50	28	20.91	20.95	20.93	21.7	0.0
20	PI/2 BPSK	50	56	20.81	20.84	20.82	21.7	0.0
20	PI/2 BPSK	100	0	20.82	20.85	20.83		
20	QPSK	1	1	20.91	20.97	20.93	21.7	0.0
20	QPSK	1	53	20.86	21.04	21.04		
20	QPSK	1	104	20.82	20.92	20.85		
20	QPSK	50	0	20.78	20.84	20.74	21.7	0.0
20	QPSK	50	28	20.77	20.93	20.91	21.7	0.0
20	QPSK	50	56	20.69	20.82	20.80	21.7	0.0
20	QPSK	100	0	20.67	20.81	20.71		
20	16QAM	1	1	20.49	20.64	20.59	21.7	0.0
20	64QAM	1	1	21.11	21.08	21.09	21.7	0.0
20	256QAM	1	1	19.61	19.73	19.66	20.2	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	20.90	21.07	20.92	21.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	20.94	21.00	20.97	21.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	20.93	21.03	21.00	21.7	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.38	21.41	21.36	23.0	0.0
50	PI/2 BPSK	1	135	21.26	21.28	21.21		
50	PI/2 BPSK	1	268	21.35	21.24	21.31		
50	PI/2 BPSK	135	0	20.78	20.83	20.67	23.0	0.0
50	PI/2 BPSK	135	68	21.36	21.38	21.21	23.0	0.0
50	PI/2 BPSK	135	135	20.44	20.53	20.42	23.0	0.0
50	PI/2 BPSK	270	0	20.74	20.75	20.66		
50	QPSK	1	1	21.37	21.40	21.35	23.0	0.0
50	QPSK	1	135	21.28	21.34	21.23		
50	QPSK	1	268	21.04	21.11	20.95		
50	QPSK	135	0	20.06	20.21	20.15	23.0	0.0
50	QPSK	135	68	21.13	21.21	21.12	23.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	0.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	0.0
50	64QAM	1	1	19.68	19.78	19.71	21.5	1.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	3.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.31	21.32	21.27	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.36	21.31	21.31	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	20.40	20.56	20.40	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.37	21.15	21.30	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.98	21.11	20.97	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.00	21.19	21.02	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.96	21.03	20.97	23.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.80	19.89	19.82	20.5	0.0
50	PI/2 BPSK	1	135	19.71	19.84	19.76		
50	PI/2 BPSK	1	268	19.62	19.71	19.68		
50	PI/2 BPSK	135	0	19.70	19.80	19.82	20.5	0.0
50	PI/2 BPSK	135	68	19.78	19.88	19.86	20.5	0.0
50	PI/2 BPSK	135	135	19.60	19.84	19.61	20.5	0.0
50	PI/2 BPSK	270	0	19.67	19.89	19.76		
50	QPSK	1	1	19.53	19.73	19.64	20.5	0.0
50	QPSK	1	135	19.66	19.77	19.69		
50	QPSK	1	268	19.40	19.61	19.57		
50	QPSK	135	0	19.69	19.81	19.77	20.5	0.0
50	QPSK	135	68	19.56	19.74	19.65	20.5	0.0
50	QPSK	135	135	19.67	19.86	19.85	20.5	0.0
50	QPSK	270	0	19.63	19.78	19.71		
50	16QAM	1	1	19.30	19.46	19.43	20.5	0.0
50	64QAM	1	1	19.43	19.53	19.42	20.5	0.0
50	256QAM	1	1	18.95	19.12	19.06	20.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.64	19.74	19.68	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	19.75	19.75	19.76	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	19.68	19.76	19.71	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.64	19.83	19.74	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	19.74	19.79	19.70	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.73	19.81	19.77	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.73	19.77	19.69	20.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.13	20.20	20.05	21.2	0.0
50	PI/2 BPSK	1	135	20.04	20.14	20.02		
50	PI/2 BPSK	1	268	20.08	20.13	20.04		
50	PI/2 BPSK	135	0	20.06	20.11	20.01	21.2	0.0
50	PI/2 BPSK	135	68	20.09	20.12	20.03	21.2	0.0
50	PI/2 BPSK	135	135	19.96	20.01	19.92	21.2	0.0
50	PI/2 BPSK	270	0	20.03	20.15	20.01		
50	QPSK	1	1	19.82	19.92	19.75	21.2	0.0
50	QPSK	1	135	19.97	20.04	19.93		
50	QPSK	1	268	20.04	20.06	19.92		
50	QPSK	135	0	20.06	20.06	19.91	21.2	0.0
50	QPSK	135	68	19.97	19.97	19.79	21.2	0.0
50	QPSK	135	135	20.10	20.16	20.04	21.2	0.0
50	QPSK	270	0	20.07	20.09	19.97		
50	16QAM	1	1	20.00	20.02	19.98	21.2	0.0
50	64QAM	1	1	19.99	20.00	19.98	21.2	0.0
50	256QAM	1	1	20.01	20.03	20.00	21.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.03	20.05	19.92	21.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	20.03	20.13	19.98	21.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	20.06	20.08	19.88	21.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.06	20.10	19.89	21.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.03	20.10	19.91	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.98	20.10	19.91	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.03	20.13	19.98	21.2	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.13	18.20	18.16	19.5	0.0
50	PI/2 BPSK	1	135	18.07	18.14	18.12		
50	PI/2 BPSK	1	268	18.11	18.16	18.15		
50	PI/2 BPSK	135	0	17.95	18.02	18.01	19.5	0.0
50	PI/2 BPSK	135	68	17.98	18.03	18.02	19.5	0.0
50	PI/2 BPSK	135	135	17.81	17.84	17.83	19.5	0.0
50	PI/2 BPSK	270	0	17.97	18.00	17.98		
50	QPSK	1	1	17.87	17.99	17.97	19.5	0.0
50	QPSK	1	135	18.03	18.18	18.10		
50	QPSK	1	268	17.95	18.12	18.05		
50	QPSK	135	0	17.81	18.02	17.94	19.5	0.0
50	QPSK	135	68	17.90	18.05	18.00	19.5	0.0
50	QPSK	135	135	17.94	18.15	18.13	19.5	0.0
50	QPSK	270	0	18.01	18.11	18.07		
50	16QAM	1	1	17.71	17.89	17.84	19.5	0.0
50	64QAM	1	1	17.58	17.71	17.60	19.5	0.0
50	256QAM	1	1	17.52	17.68	17.60	19.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.93	18.08	18.03	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	17.94	18.11	18.03	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	17.99	18.06	18.01	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.94	18.13	18.04	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	17.92	18.11	18.01	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	17.91	18.14	17.98	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	17.91	18.05	18.02	19.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.75	20.76	20.74		
40	PI/2 BPSK	1	53	20.72	20.73	20.68	22.0	0.0
40	PI/2 BPSK	1	104	20.54	20.56	20.52		
40	PI/2 BPSK	50	0	20.62	20.66	20.57	22.0	0.0
40	PI/2 BPSK	50	28	20.63	20.70	20.59	22.0	0.0
40	PI/2 BPSK	50	56	20.52	20.53	20.47	22.0	0.0
40	PI/2 BPSK	100	0	20.58	20.61	20.52		
40	QPSK	1	1	20.62	20.72	20.53		
40	QPSK	1	53	20.54	20.58	20.37	22.0	0.0
40	QPSK	1	104	20.44	20.52	20.40		
40	QPSK	50	0	20.51	20.56	20.44		
40	QPSK	50	28	20.59	20.61	20.40	22.0	0.0
40	QPSK	50	56	20.46	20.48	20.27		
40	QPSK	100	0	20.54	20.58	20.38	22.0	0.0
40	16QAM	1	1	20.41	20.47	20.33	22.0	0.0
40	64QAM	1	1	19.97	20.06	19.95	21.5	0.5
40	256QAM	1	1	18.64	18.75	18.54	19.5	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	20.59	20.62	20.65	22.0	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	20.66	20.68	20.59	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	20.69	20.68	20.62	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	20.66	20.63	20.62	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	20.60	20.70	20.68	22.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.90	19.92	19.91		
40	PI/2 BPSK	1	53	19.85	19.87	19.84	20.5	0.0
40	PI/2 BPSK	1	104	19.70	19.75	19.72		
40	PI/2 BPSK	50	0	19.68	19.72	19.71	20.5	0.0
40	PI/2 BPSK	50	28	19.70	19.79	19.73	20.5	0.0
40	PI/2 BPSK	50	56	19.60	19.69	19.63	20.5	0.0
40	PI/2 BPSK	100	0	19.67	19.73	19.72		
40	QPSK	1	1	19.73	19.88	19.78		
40	QPSK	1	53	19.66	19.82	19.74	20.5	0.0
40	QPSK	1	104	19.55	19.68	19.68		
40	QPSK	50	0	19.49	19.62	19.56		
40	QPSK	50	28	19.55	19.71	19.65	20.5	0.0
40	QPSK	50	56	19.44	19.59	19.59		
40	QPSK	100	0	19.58	19.68	19.66	20.5	0.0
40	16QAM	1	1	19.33	19.54	19.52	20.5	0.0
40	64QAM	1	1	19.48	19.62	19.54	20.5	0.0
40	256QAM	1	1	19.58	19.74	19.72	20.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	19.81	19.81	19.76	20.5	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	19.76	19.86	19.78	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	19.82	19.76	19.76	20.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	19.76	19.87	19.83	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	19.84	19.76	19.75	20.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.21	20.30	20.28		
40	PI/2 BPSK	1	53	20.18	20.26	20.21	20.7	0.0
40	PI/2 BPSK	1	104	20.12	20.27	20.22		
40	PI/2 BPSK	50	0	20.17	20.21	20.18	20.7	0.0
40	PI/2 BPSK	50	28	20.18	20.24	20.21	20.7	0.0
40	PI/2 BPSK	50	56	20.10	20.15	20.14	20.7	0.0
40	PI/2 BPSK	100	0	20.13	20.18	20.16		
40	QPSK	1	1	20.03	20.24	20.17		
40	QPSK	1	53	20.12	20.27	20.20	20.7	0.0
40	QPSK	1	104	20.06	20.25	20.17		
40	QPSK	50	0	19.97	20.16	20.08		
40	QPSK	50	28	20.13	20.27	20.18	20.7	0.0
40	QPSK	50	56	20.03	20.19	20.18		
40	QPSK	100	0	19.98	20.18	20.16	20.7	0.0
40	16QAM	1	1	19.95	20.11	20.07	20.7	0.0
40	64QAM	1	1	19.91	20.06	20.01	20.7	0.0
40	256QAM	1	1	20.02	20.21	20.20	20.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	20.09	20.25	20.20	20.7	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	20.05	20.24	20.21	20.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	20.11	20.22	20.14	20.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	20.07	20.20	20.19	20.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	20.13	20.16	20.14	20.7	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.58	18.68	18.67	19.5	0.0
40	PI/2 BPSK	1	53	18.48	18.56	18.52		
40	PI/2 BPSK	1	104	18.45	18.51	18.49		
40	PI/2 BPSK	50	0	18.32	18.49	18.35	19.5	0.0
40	PI/2 BPSK	50	28	18.56	18.62	18.58	19.5	0.0
40	PI/2 BPSK	50	56	18.42	18.49	18.45	19.5	0.0
40	PI/2 BPSK	100	0	18.51	18.54	18.53		
40	QPSK	1	1	18.35	18.53	18.48	19.5	0.0
40	QPSK	1	53	18.40	18.56	18.56		
40	QPSK	1	104	18.42	18.53	18.42		
40	QPSK	50	0	18.30	18.45	18.38	19.5	0.0
40	QPSK	50	28	18.41	18.53	18.48		
40	QPSK	50	56	18.29	18.48	18.46		
40	QPSK	100	0	18.40	18.52	18.43	19.5	0.0
40	16QAM	1	1	18.32	18.47	18.43	19.5	0.0
40	64QAM	1	1	18.13	18.28	18.21	19.5	0.0
40	256QAM	1	1	18.11	18.25	18.16	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	18.51	18.58	18.52	19.5	0.0
Channel				516004	519000	521406	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	18.50	18.55	18.51	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	18.52	18.61	18.53	19.5	0.0
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	18.50	18.54	18.62	19.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	18.48	18.53	18.57	19.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.49		18.0	0.0
100	PI/2 BPSK	1	137		17.28			
100	PI/2 BPSK	1	271		17.13			
100	PI/2 BPSK	135	0		17.32		18.0	0.0
100	PI/2 BPSK	135	69		17.33		18.0	0.0
100	PI/2 BPSK	135	138		17.26		18.0	0.0
100	PI/2 BPSK	270	0		17.39			
100	QPSK	1	1		17.43		18.0	0.0
100	QPSK	1	137		17.36			
100	QPSK	1	271		17.24			
100	QPSK	135	0		17.43		18.0	0.0
100	QPSK	135	69		17.36			
100	QPSK	135	138		17.18			
100	QPSK	270	0		17.34		18.0	0.0
100	16QAM	1	1		17.15		18.0	0.0
100	64QAM	1	1		17.22		18.0	0.0
100	256QAM	1	1		17.08		18.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.30	17.32	17.28	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.21	17.22	17.15	18.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.18	17.16	17.13	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.18	17.24	17.13	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.16	17.18	17.18	18.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.25	17.17	17.18	18.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.17	17.21	17.15	18.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	17.22	17.27	17.15	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.20	17.20	17.15	18.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	17.24	17.19	17.12	18.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	17.14	17.24	17.17	18.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.20		18.0	0.0
100	PI/2 BPSK	1	137		17.14			
100	PI/2 BPSK	1	271		17.13			
100	PI/2 BPSK	135	0		17.15		18.0	0.0
100	PI/2 BPSK	135	69		17.17		18.0	0.0
100	PI/2 BPSK	135	138		17.13		18.0	0.0
100	PI/2 BPSK	270	0		17.16			
100	QPSK	1	1		17.04		18.0	0.0
100	QPSK	1	137		17.15			
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.15		18.0	0.0
100	QPSK	135	69		17.09			
100	QPSK	135	138		17.14			
100	QPSK	270	0		17.12		18.0	0.0
100	16QAM	1	1		16.85		18.0	0.0
100	64QAM	1	1		16.83		18.0	0.0
100	256QAM	1	1		16.80		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	17.12	17.18	17.10	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.07	17.07	17.00	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	16.98	17.02	17.02	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.02	17.07	16.94	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.06	17.13	17.05	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.04	17.13	17.03	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	17.06	17.02	17.05	18.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	17.01	17.08	16.99	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	16.98	17.08	16.98	18.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	17.01	17.04	16.97	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	17.03	17.05	17.02	18.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.06		15.0	0.0
100	PI/2 BPSK	1	137		13.95			
100	PI/2 BPSK	1	271		13.85			
100	PI/2 BPSK	135	0		13.83		15.0	0.0
100	PI/2 BPSK	135	69		14.05		15.0	0.0
100	PI/2 BPSK	135	138		13.82		15.0	0.0
100	PI/2 BPSK	270	0		14.02			
100	QPSK	1	1		13.91		15.0	0.0
100	QPSK	1	137		13.93			
100	QPSK	1	271		13.78			
100	QPSK	135	0		14.02		15.0	0.0
100	QPSK	135	69		13.96			
100	QPSK	135	138		13.84			
100	QPSK	270	0		13.98		15.0	0.0
100	16QAM	1	1		13.75		15.0	0.0
100	64QAM	1	1		13.74		15.0	0.0
100	256QAM	1	1		13.82		15.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.95	13.98	13.90	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.80	13.86	13.80	15.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.89	13.82	13.74	15.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.80	13.93	13.77	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.83	13.92	13.77	15.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.87	13.86	13.82	15.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.79	13.84	13.78	15.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	13.87	13.87	13.85	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.88	13.82	13.77	15.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.4	3500.01	3542.49		
15	PI/2 BPSK	1	1	13.85	13.85	13.77	15.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	13.80	13.84	13.85	15.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.95		15.0	0.0
100	PI/2 BPSK	1	137		13.88			
100	PI/2 BPSK	1	271		13.76			
100	PI/2 BPSK	135	0		13.93		15.0	0.0
100	PI/2 BPSK	135	69		13.94		15.0	0.0
100	PI/2 BPSK	135	138		13.87		15.0	0.0
100	PI/2 BPSK	270	0		13.92			
100	QPSK	1	1		13.79		15.0	0.0
100	QPSK	1	137		13.86			
100	QPSK	1	271		13.76			
100	QPSK	135	0		13.91		15.0	0.0
100	QPSK	135	69		13.85			
100	QPSK	135	138		13.87			
100	QPSK	270	0		13.92		15.0	0.0
100	16QAM	1	1		13.54		15.0	0.0
100	64QAM	1	1		13.56		15.0	0.0
100	256QAM	1	1		13.70		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	13.88	13.92	13.86	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	13.83	13.77	13.72	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	13.75	13.81	13.74	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	13.79	13.77	13.80	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	13.78	13.83	13.73	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	13.80	13.86	13.80	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	13.75	13.80	13.70	15.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	13.74	13.83	13.74	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	13.79	13.78	13.70	15.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	13.78	13.86	13.72	15.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	13.81	13.77	13.70	15.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.58		15.5	0.0
100	PI/2 BPSK	1	137		16.45			
100	PI/2 BPSK	1	271		16.31			
100	PI/2 BPSK	135	0		16.52		15.5	0.0
100	PI/2 BPSK	135	69		16.55		15.5	0.0
100	PI/2 BPSK	135	138		16.36		15.5	0.0
100	PI/2 BPSK	270	0		16.47			
100	QPSK	1	1		16.48		15.5	0.0
100	QPSK	1	137		16.46			
100	QPSK	1	271		16.32			
100	QPSK	135	0		16.55		15.5	0.0
100	QPSK	135	69		16.47			
100	QPSK	135	138		16.36			
100	QPSK	270	0		16.53		15.5	0.0
100	16QAM	1	1		16.23		15.5	0.0
100	64QAM	1	1		16.34		15.5	0.0
100	256QAM	1	1		16.32		15.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.50	16.52	16.48	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.41	16.40	16.36	15.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.37	16.38	16.34	15.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.43	16.43	16.35	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.35	16.40	16.42	15.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.38	16.36	16.37	15.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.36	16.40	16.38	15.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.42	16.46	16.43	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.44	16.39	16.32	15.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.40	16.39	16.40	15.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.40	16.39	16.37	15.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.48		17.5	0.0
100	PI/2 BPSK	1	137		16.38			
100	PI/2 BPSK	1	271		16.22			
100	PI/2 BPSK	135	0		16.43		17.5	0.0
100	PI/2 BPSK	135	69		16.45		17.5	0.0
100	PI/2 BPSK	135	138		16.35		17.5	0.0
100	PI/2 BPSK	270	0		16.43			
100	QPSK	1	1		16.27		17.5	0.0
100	QPSK	1	137		16.34			
100	QPSK	1	271		16.18			
100	QPSK	135	0		16.35		17.5	0.0
100	QPSK	135	69		16.36			
100	QPSK	135	138		16.36			
100	QPSK	270	0		16.38		17.5	0.0
100	16QAM	1	1		16.06		17.5	0.0
100	64QAM	1	1		16.07		17.5	0.0
100	256QAM	1	1		16.02		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	16.40	16.42	16.39	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	16.28	16.29	16.34	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	16.30	16.37	16.32	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	16.35	16.30	16.34	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	16.26	16.35	16.33	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	16.27	16.29	16.24	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	16.30	16.29	16.24	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	16.32	16.36	16.28	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	16.28	16.35	16.29	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	16.27	16.26	16.32	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	16.31	16.29	16.33	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.36		17.5	0.0
100	PI/2 BPSK	1	137		16.21			
100	PI/2 BPSK	1	271		16.01			
100	PI/2 BPSK	135	0		16.21		17.5	0.0
100	PI/2 BPSK	135	69		16.25		17.5	0.0
100	PI/2 BPSK	135	138		16.03		17.5	0.0
100	PI/2 BPSK	270	0		16.16			
100	QPSK	1	1		16.24		17.5	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		15.98			
100	QPSK	135	0		16.33		17.5	0.0
100	QPSK	135	69		16.24			
100	QPSK	135	138		16.04			
100	QPSK	270	0		16.24		17.5	0.0
100	16QAM	1	1		15.98		17.5	0.0
100	64QAM	1	1		20.01.		17.5	0.0
100	256QAM	1	1		16.21		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.28	16.32	16.25	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.23	16.21	16.16	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.12	16.20	16.19	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.20	16.17	16.11	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.23	16.20	16.19	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.14	16.16	16.20	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.21	16.22	16.11	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.18	16.26	16.09	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.19	16.17	16.09	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.15	16.21	16.13	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.18	16.21	16.17	17.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.23		17.5	0.0
100	PI/2 BPSK	1	137		15.89			
100	PI/2 BPSK	1	271		15.85			
100	PI/2 BPSK	135	0		15.95		17.5	0.0
100	PI/2 BPSK	135	69		16.20		17.5	0.0
100	PI/2 BPSK	135	138		15.86		17.5	0.0
100	PI/2 BPSK	270	0		16.18			
100	QPSK	1	1		15.75		17.5	0.0
100	QPSK	1	137		15.88			
100	QPSK	1	271		15.82			
100	QPSK	135	0		15.91		17.5	0.0
100	QPSK	135	69		15.93			
100	QPSK	135	138		15.87			
100	QPSK	270	0		15.94		17.5	0.0
100	16QAM	1	1		15.85		17.5	0.0
100	64QAM	1	1		15.83		17.5	0.0
100	256QAM	1	1		15.82		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.91	15.95	15.86	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.86	15.89	15.73	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	15.78	15.79	15.70	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	15.85	15.90	15.75	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.80	15.90	15.81	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.75	15.83	15.78	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	15.79	15.84	15.70	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	15.83	15.82	15.75	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	15.79	15.86	15.74	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	15.75	15.84	15.77	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	15.75	15.85	15.80	17.5	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.23	25.26	25.24	25.7	0.0
20	PI/2 BPSK	1	53	25.22	25.25	25.23		
20	PI/2 BPSK	1	104	25.17	25.17	25.12		
20	PI/2 BPSK	50	0	24.45	24.57	24.48	25.2	0.5
20	PI/2 BPSK	50	28	24.95	25.08	25.03	25.7	0.0
20	PI/2 BPSK	50	56	24.43	24.51	24.36	25.2	0.5
20	PI/2 BPSK	100	0	24.42	24.57	24.45		
20	QPSK	1	1	25.03	25.08	25.00	25.7	0.0
20	QPSK	1	53	24.93	25.03	24.92		
20	QPSK	1	104	24.88	25.01	24.90		
20	QPSK	50	0	23.98	24.06	24.01	24.7	1.0
20	QPSK	50	28	24.94	25.08	24.99	25.7	0.0
20	QPSK	50	56	23.89	24.04	23.95	24.7	1.0
20	QPSK	100	0	24.02	24.07	23.92		
20	16QAM	1	1	23.81	23.97	23.86	24.7	1.0
20	64QAM	1	1	22.43	22.55	22.39	23.2	2.5
20	256QAM	1	1	20.93	21.03	20.92	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	25.02	25.07	24.99	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	25.00	25.10	24.94	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	25.02	25.08	24.98	25.7	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.04	21.12	21.05	21.7	0.0
20	PI/2 BPSK	1	53	21.02	21.09	21.01		
20	PI/2 BPSK	1	104	20.93	20.98	20.95		
20	PI/2 BPSK	50	0	20.83	20.90	20.85	21.7	0.0
20	PI/2 BPSK	50	28	20.91	20.95	20.93	21.7	0.0
20	PI/2 BPSK	50	56	20.81	20.84	20.82	21.7	0.0
20	PI/2 BPSK	100	0	20.82	20.85	20.83		
20	QPSK	1	1	20.91	20.97	20.93	21.7	0.0
20	QPSK	1	53	20.86	21.04	21.04		
20	QPSK	1	104	20.82	20.92	20.85		
20	QPSK	50	0	20.78	20.84	20.74	21.7	0.0
20	QPSK	50	28	20.77	20.93	20.91	21.7	0.0
20	QPSK	50	56	20.69	20.82	20.80	21.7	0.0
20	QPSK	100	0	20.67	20.81	20.71		
20	16QAM	1	1	20.49	20.64	20.59	21.7	0.0
20	64QAM	1	1	21.11	21.08	21.09	21.7	0.0
20	256QAM	1	1	19.61	19.73	19.66	20.2	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	20.90	21.07	20.92	21.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	20.94	21.00	20.97	21.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	20.93	21.03	21.00	21.7	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.38	22.41	22.36	24.0	0.0
50	PI/2 BPSK	1	135	22.26	22.28	22.21		
50	PI/2 BPSK	1	268	22.35	22.24	22.31		
50	PI/2 BPSK	135	0	21.78	21.83	21.67	23.5	0.5
50	PI/2 BPSK	135	68	22.36	22.38	22.21	24.0	0.0
50	PI/2 BPSK	135	135	21.44	21.53	21.42	23.5	0.5
50	PI/2 BPSK	270	0	21.74	21.75	21.66		
50	QPSK	1	1	22.37	22.40	22.35	24.0	0.0
50	QPSK	1	135	22.28	22.34	22.23		
50	QPSK	1	268	22.04	22.11	21.95		
50	QPSK	135	0	21.06	21.21	21.15	23.0	1.0
50	QPSK	135	68	22.13	22.21	22.12	24.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	1.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	1.0
50	64QAM	1	1	19.68	19.78	19.71	21.5	2.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.31	22.32	22.27	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.36	22.31	22.31	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.40	21.56	21.40	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.37	22.15	22.30	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.98	22.11	21.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.00	22.19	22.02	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.96	22.03	21.97	24.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.48	24.59	24.56	25.0	0.0
50	PI/2 BPSK	1	135	24.22	24.28	24.14		
50	PI/2 BPSK	1	268	24.34	24.28	24.55		
50	PI/2 BPSK	135	0	23.82	23.89	23.80	24.5	0.5
50	PI/2 BPSK	135	68	24.26	24.33	24.29	25.0	0.0
50	PI/2 BPSK	135	135	23.82	23.85	23.78	24.5	0.5
50	PI/2 BPSK	270	0	23.86	23.90	23.82		
50	QPSK	1	1	24.34	24.43	24.34	25.0	0.0
50	QPSK	1	135	23.94	24.10	23.97		
50	QPSK	1	268	24.15	24.27	24.21		
50	QPSK	135	0	23.73	23.83	23.69	24.0	1.0
50	QPSK	135	68	24.19	24.24	24.17	25.0	0.0
50	QPSK	135	135	23.54	23.68	23.56	24.0	1.0
50	QPSK	270	0	23.67	23.75	23.68		
50	16QAM	1	1	23.51	23.62	23.50	24.0	1.0
50	64QAM	1	1	21.32	21.35	21.30	22.5	2.5
50	256QAM	1	1	20.34	20.47	20.39	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.26	24.39	24.24	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	24.32	24.27	24.32	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.34	23.41	23.34	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.09	24.19	24.07	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	24.08	24.12	24.13	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	24.07	24.14	24.11	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	24.09	24.12	24.12	25.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.69	21.71	21.67	22.7	0.0
50	PI/2 BPSK	1	135	21.55	21.56	21.51		
50	PI/2 BPSK	1	268	21.50	21.54	21.44		
50	PI/2 BPSK	135	0	21.54	21.55	21.48	22.2	0.5
50	PI/2 BPSK	135	68	21.62	21.67	21.56	22.7	0.0
50	PI/2 BPSK	135	135	21.60	21.64	21.60	22.2	0.5
50	PI/2 BPSK	270	0	21.60	21.63	21.56		
50	QPSK	1	1	21.57	21.62	21.51	22.7	0.0
50	QPSK	1	135	21.50	21.54	21.50		
50	QPSK	1	268	21.56	21.58	21.51		
50	QPSK	135	0	21.50	21.56	21.46	21.7	1.0
50	QPSK	135	68	21.47	21.53	21.46	22.7	0.0
50	QPSK	135	135	21.50	21.56	21.48	21.7	1.0
50	QPSK	270	0	21.62	21.62	21.62		
50	16QAM	1	1	21.54	21.59	21.48	21.7	1.0
50	64QAM	1	1	21.55	21.61	21.52	20.2	2.5
50	256QAM	1	1	21.38	21.42	21.34	18.2	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.65	21.67	21.65	22.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.67	21.65	21.65	22.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.67	21.69	21.66	22.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.66	21.68	21.65	22.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.69	21.70	21.65	22.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.65	21.67	21.66	22.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.67	21.69	21.63	22.7	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.66	19.97	19.65	21.5	0.0
50	PI/2 BPSK	1	135	19.53	19.55	19.51		
50	PI/2 BPSK	1	268	19.47	19.50	19.43		
50	PI/2 BPSK	135	0	19.52	19.51	19.46	21.0	0.5
50	PI/2 BPSK	135	68	19.61	19.73	19.56	21.5	0.0
50	PI/2 BPSK	135	135	19.57	19.64	19.60	21.0	0.5
50	PI/2 BPSK	270	0	19.57	19.59	19.52		
50	QPSK	1	1	19.57	19.60	19.47	21.5	0.0
50	QPSK	1	135	19.48	19.51	19.50		
50	QPSK	1	268	19.52	19.57	19.48		
50	QPSK	135	0	19.50	19.53	19.42	20.5	1.0
50	QPSK	135	68	19.46	19.51	19.44	21.5	0.0
50	QPSK	135	135	19.49	19.54	19.44	20.5	1.0
50	QPSK	270	0	19.58	19.61	19.58		
50	16QAM	1	1	19.52	19.59	19.44	20.5	1.0
50	64QAM	1	1	19.53	19.59	19.48	19.0	2.5
50	256QAM	1	1	19.35	19.40	19.33	17.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.66	19.74	19.64	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	19.62	19.73	19.65	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	19.63	19.75	19.61	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.62	19.74	19.65	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	19.64	19.75	19.64	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.64	19.76	19.64	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.65	19.76	19.61	21.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.83	22.89	22.80	24.0	0.0
40	PI/2 BPSK	1	53	22.73	22.68	22.56		
40	PI/2 BPSK	1	104	22.47	22.34	22.23		
40	PI/2 BPSK	50	0	21.87	22.02	21.92	23.5	0.5
40	PI/2 BPSK	50	28	22.36	22.75	22.34	24.0	0.0
40	PI/2 BPSK	50	56	22.01	22.15	22.09	23.5	0.5
40	PI/2 BPSK	100	0	22.16	22.25	22.12		
40	QPSK	1	1	22.69	22.74	22.59	24.0	0.0
40	QPSK	1	53	22.37	22.56	22.35		
40	QPSK	1	104	22.24	22.59	22.26		
40	QPSK	50	0	22.38	22.65	22.39	24.0	0.0
40	QPSK	50	28	22.31	22.53	22.29		
40	QPSK	50	56	22.17	22.51	22.11		
40	QPSK	100	0	21.52	21.56	21.53	23.0	1.0
40	16QAM	1	1	21.24	21.54	21.16	23.0	1.0
40	64QAM	1	1	20.05	20.12	20.06	21.5	2.5
40	256QAM	1	1	18.41	18.48	18.43	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	22.53	22.69	22.58	24.0	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	21.80	21.91	21.76	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.55	22.74	22.61	24.0	0.0
Channel				515002	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.56	22.61	22.59	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	22.61	22.65	22.61	24.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.94	24.98	24.96	25.5	0.0
40	PI/2 BPSK	1	53	24.82	24.83	24.74		
40	PI/2 BPSK	1	104	24.86	24.92	24.82		
40	PI/2 BPSK	50	0	24.07	24.22	24.12	25.0	0.5
40	PI/2 BPSK	50	28	24.54	24.68	24.55	25.5	0.0
40	PI/2 BPSK	50	56	23.96	24.07	23.93	25.0	0.5
40	PI/2 BPSK	100	0	24.04	24.16	24.08		
40	QPSK	1	1	24.89	24.97	24.91	25.5	0.0
40	QPSK	1	53	24.69	24.75	24.67		
40	QPSK	1	104	24.65	24.77	24.61		
40	QPSK	50	0	24.37	24.51	24.41	25.5	0.0
40	QPSK	50	28	24.36	24.48	24.39		
40	QPSK	50	56	24.33	24.38	24.24		
40	QPSK	100	0	23.87	23.94	23.78	24.5	1.0
40	16QAM	1	1	23.57	23.63	23.49	24.5	1.0
40	64QAM	1	1	22.03	22.12	21.98	23.0	2.5
40	256QAM	1	1	20.67	20.82	20.72	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	24.71	24.82	24.70	25.5	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	24.01	24.16	24.08	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	24.72	24.86	24.72	25.5	0.0
Channel				515002	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	24.71	24.79	24.75	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	24.74	24.73	24.68	25.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.84	22.90	22.86	23.2	0.0
40	PI/2 BPSK	1	53	22.79	22.89	22.79		
40	PI/2 BPSK	1	104	22.72	22.84	22.84		
40	PI/2 BPSK	50	0	22.71	22.76	22.74	23.2	0.0
40	PI/2 BPSK	50	28	22.75	22.78	22.76	23.2	0.0
40	PI/2 BPSK	50	56	22.58	22.65	22.60	23.2	0.0
40	PI/2 BPSK	100	0	22.79	22.80	22.74		
40	QPSK	1	1	22.83	22.84	22.84	23.2	0.0
40	QPSK	1	53	22.83	22.83	22.78		
40	QPSK	1	104	22.79	22.85	22.85		
40	QPSK	50	0	22.75	22.76	22.69	23.2	0.0
40	QPSK	50	28	22.72	22.79	22.75		
40	QPSK	50	56	22.74	22.81	22.80		
40	QPSK	100	0	22.67	22.74	22.70	22.2	1.0
40	16QAM	1	1	22.83	22.89	22.87	22.2	1.0
40	64QAM	1	1	22.84	22.87	22.84	20.7	2.5
40	256QAM	1	1	22.69	22.71	22.65	18.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	22.82	22.83	22.80	23.2	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	22.77	22.87	22.85	23.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.82	22.87	22.82	23.2	0.0
Channel				515002	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	22.82	22.89	22.84	23.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	22.77	22.78	22.79	23.2	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.11	20.17	20.15		
40	PI/2 BPSK	1	53	20.03	20.06	20.01	21.5	0.0
40	PI/2 BPSK	1	104	20.14	20.15	20.12		
40	PI/2 BPSK	50	0	20.07	20.08	19.97	21.5	0.0
40	PI/2 BPSK	50	28	20.08	20.09	20.03	21.5	0.0
40	PI/2 BPSK	50	56	20.02	20.06	19.99	21.5	0.0
40	PI/2 BPSK	100	0	20.04	20.05	20.04		
40	QPSK	1	1	19.97	19.98	19.94		
40	QPSK	1	53	19.97	19.99	19.94	21.5	0.0
40	QPSK	1	104	19.94	20.01	19.95		
40	QPSK	50	0	19.95	19.95	19.94		
40	QPSK	50	28	19.91	19.96	19.91	21.5	0.0
40	QPSK	50	56	19.90	19.94	19.91		
40	QPSK	100	0	19.96	19.98	19.94	20.5	1.0
40	16QAM	1	1	19.94	20.01	19.94	20.5	1.0
40	64QAM	1	1	20.01	20.03	19.96	19.0	2.5
40	256QAM	1	1	19.87	19.93	19.90	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	20.04	20.11	20.13	21.5	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	20.10	20.13	20.15	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	20.09	20.16	20.12	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	20.05	20.14	20.13	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	20.09	20.10	20.11	21.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.32			
100	PI/2 BPSK	1	137		21.03		22.0	0.0
100	PI/2 BPSK	1	271		21.29			
100	PI/2 BPSK	135	0		21.18		22.0	0.0
100	PI/2 BPSK	135	69		21.20		22.0	0.0
100	PI/2 BPSK	135	138		21.11		22.0	0.0
100	PI/2 BPSK	270	0		21.12			
100	QPSK	1	1		21.23			
100	QPSK	1	137		21.05		22.0	0.0
100	QPSK	1	271		21.13			
100	QPSK	135	0		20.95			
100	QPSK	135	69		20.94		22.0	0.0
100	QPSK	135	138		21.00			
100	QPSK	270	0		20.09		22.0	0.0
100	16QAM	1	1		19.98		22.0	0.0
100	64QAM	1	1		18.51		22.0	0.0
100	256QAM	1	1		17.21		20.0	2.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	21.21	21.19	21.26	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	21.13	21.07	21.15	22.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	21.10	21.09	21.12	22.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	21.06	21.09	21.19	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.06	21.09	21.11	22.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	21.15	21.06	21.13	22.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	21.16	21.10	21.16	22.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	21.10	21.04	21.11	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	21.12	21.10	21.11	22.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	21.05	21.08	21.16	22.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	21.16	21.08	21.15	22.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.28			
100	PI/2 BPSK	1	137		20.92		22.0	0.0
100	PI/2 BPSK	1	271		21.25			
100	PI/2 BPSK	135	0		20.59		22.0	0.0
100	PI/2 BPSK	135	69		21.23		22.0	0.0
100	PI/2 BPSK	135	138		20.64		22.0	0.0
100	PI/2 BPSK	270	0		20.72			
100	QPSK	1	1		21.00			
100	QPSK	1	137		20.91		22.0	0.0
100	QPSK	1	271		21.19			
100	QPSK	135	0		20.97			
100	QPSK	135	69		21.00		22.0	0.0
100	QPSK	135	138		21.04			
100	QPSK	270	0		20.02		22.0	0.0
100	16QAM	1	1		21.10		22.0	0.0
100	64QAM	1	1		20.15		22.0	0.0
100	256QAM	1	1		19.45		20.0	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	20.99	20.97	21.04	22.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	20.84	20.83	20.94	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	20.83	20.84	20.94	22.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	20.93	20.92	20.94	22.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	20.83	20.85	20.94	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	20.87	20.89	20.92	22.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	20.85	20.90	20.92	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	20.86	20.86	20.90	22.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	20.93	20.83	20.99	22.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	20.84	20.83	20.97	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	20.94	20.83	20.99	22.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.57		24.0	0.0
100	PI/2 BPSK	1	137		22.41			
100	PI/2 BPSK	1	271		22.48			
100	PI/2 BPSK	135	0		22.51		23.5	0.5
100	PI/2 BPSK	135	69		22.53		24.0	0.0
100	PI/2 BPSK	135	138		22.47		23.5	0.5
100	PI/2 BPSK	270	0		22.52			
100	QPSK	1	1		22.51		24.0	0.0
100	QPSK	1	137		22.47			
100	QPSK	1	271		22.46			
100	QPSK	135	0		22.49		24.0	0.0
100	QPSK	135	69		22.50			
100	QPSK	135	138		22.41			
100	QPSK	270	0		22.42		23.0	1.0
100	16QAM	1	1		22.45		23.0	1.0
100	64QAM	1	1		22.56		21.5	2.5
100	256QAM	1	1		22.34		19.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.48	22.52	22.51	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.49	22.56	22.55	24.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	22.47	22.53	22.56	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.49	22.54	22.56	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.48	22.54	22.56	24.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.46	22.55	22.51	24.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1				24.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	22.50	22.55	22.52	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.50	22.53	22.52	24.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	22.49	22.55	22.51	24.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	22.46	22.52	22.52	24.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.47		24.0	0.0
100	PI/2 BPSK	1	137		22.31			
100	PI/2 BPSK	1	271		22.38			
100	PI/2 BPSK	135	0		22.41		23.5	0.5
100	PI/2 BPSK	135	69		22.43		24.0	0.0
100	PI/2 BPSK	135	138		22.37		23.5	0.5
100	PI/2 BPSK	270	0		22.42			
100	QPSK	1	1		22.41		24.0	0.0
100	QPSK	1	137		22.37			
100	QPSK	1	271		22.36			
100	QPSK	135	0		22.39		24.0	0.0
100	QPSK	135	69		22.40			
100	QPSK	135	138		22.31			
100	QPSK	270	0		22.32		23.0	1.0
100	16QAM	1	1		22.35		23.0	1.0
100	64QAM	1	1		22.46		21.5	2.5
100	256QAM	1	1		22.24		19.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	22.39	22.44	22.42	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	22.39	22.43	22.43	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	22.38	22.45	22.42	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	22.43	22.43	22.41	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	22.39	22.42	22.42	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	22.38	22.46	22.41	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	22.43	22.42	22.41	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	22.43	22.41	22.45	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	22.38	22.45	22.42	24.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	22.41	22.45	22.42	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	22.42	22.46	22.41	24.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.58		17.5	0.0
100	PI/2 BPSK	1	137		16.45			
100	PI/2 BPSK	1	271		16.31			
100	PI/2 BPSK	135	0		16.52		17.5	0.0
100	PI/2 BPSK	135	69		16.55		17.5	0.0
100	PI/2 BPSK	135	138		16.36		17.5	0.0
100	PI/2 BPSK	270	0		16.47			
100	QPSK	1	1		16.48		17.5	0.0
100	QPSK	1	137		16.46			
100	QPSK	1	271		16.32			
100	QPSK	135	0		16.55		17.5	0.0
100	QPSK	135	69		16.47			
100	QPSK	135	138		16.36			
100	QPSK	270	0		16.53		17.5	0.0
100	16QAM	1	1		16.23		17.5	0.0
100	64QAM	1	1		16.34		17.5	0.0
100	256QAM	1	1		16.32		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.50	16.52	16.48	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.41	16.40	16.36	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.37	16.38	16.34	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.43	16.43	16.35	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.35	16.40	16.42	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.38	16.36	16.37	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.36	16.40	16.38	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.42	16.46	16.43	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.44	16.39	16.32	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.40	16.39	16.40	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.40	16.39	16.37	17.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.48		17.5	0.0
100	PI/2 BPSK	1	137		16.38			
100	PI/2 BPSK	1	271		16.22			
100	PI/2 BPSK	135	0		16.43		17.5	0.0
100	PI/2 BPSK	135	69		16.45		17.5	0.0
100	PI/2 BPSK	135	138		16.35		17.5	0.0
100	PI/2 BPSK	270	0		16.43			
100	QPSK	1	1		16.27		17.5	0.0
100	QPSK	1	137		16.34			
100	QPSK	1	271		16.18			
100	QPSK	135	0		16.35		17.5	0.0
100	QPSK	135	69		16.36			
100	QPSK	135	138		16.36			
100	QPSK	270	0		16.38		17.5	0.0
100	16QAM	1	1		16.06		17.5	0.0
100	64QAM	1	1		16.07		17.5	0.0
100	256QAM	1	1		16.02		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	16.40	16.42	16.39	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	16.28	16.29	16.34	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	16.30	16.37	16.32	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	16.35	16.30	16.34	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	16.26	16.35	16.33	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	16.27	16.29	16.24	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	16.30	16.29	16.24	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	16.32	16.36	16.28	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	16.28	16.35	16.29	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	16.27	16.26	16.32	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	16.31	16.29	16.33	17.5	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.34		22.5	0.0
100	PI/2 BPSK	1	137		21.09			
100	PI/2 BPSK	1	271		21.33			
100	PI/2 BPSK	135	0		20.76		22.5	0.0
100	PI/2 BPSK	135	69		21.09		22.5	0.0
100	PI/2 BPSK	135	138		20.70		22.5	0.0
100	PI/2 BPSK	270	0		20.71			
100	QPSK	1	1		21.30		22.5	0.0
100	QPSK	1	137		21.11			
100	QPSK	1	271		21.25			
100	QPSK	135	0		21.22		22.5	0.0
100	QPSK	135	69		21.06			
100	QPSK	135	138		21.19			
100	QPSK	270	0		20.18		22.5	0.0
100	16QAM	1	1		20.07		22.5	0.0
100	64QAM	1	1		20.65		22.0	0.5
100	256QAM	1	1		19.21		20.0	2.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	21.27	21.29	21.28	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	21.14	21.19	21.18	22.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	21.20	21.19	21.16	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	21.14	21.13	21.13	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.18	21.19	21.18	22.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	21.16	21.15	21.13	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	21.15	21.21	21.21	22.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	21.16	21.16	21.21	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	21.21	21.18	21.20	22.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	21.11	21.22	21.18	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	21.21	21.14	21.15	22.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.24		22.5	0.0
100	PI/2 BPSK	1	137		20.98			
100	PI/2 BPSK	1	271		21.20			
100	PI/2 BPSK	135	0		20.63		22.5	0.0
100	PI/2 BPSK	135	69		21.08		22.5	0.0
100	PI/2 BPSK	135	138		20.69		22.5	0.0
100	PI/2 BPSK	270	0		20.66			
100	QPSK	1	1		21.14		22.5	0.0
100	QPSK	1	137		21.01			
100	QPSK	1	271		21.19			
100	QPSK	135	0		21.18		22.5	0.0
100	QPSK	135	69		21.10			
100	QPSK	135	138		21.05			
100	QPSK	270	0		20.08		22.5	0.0
100	16QAM	1	1		19.88		22.5	0.0
100	64QAM	1	1		20.46		22.0	0.5
100	256QAM	1	1		19.04		20.0	2.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	21.08	21.09	21.14	22.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	20.99	20.93	21.02	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	20.99	21.02	21.09	22.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	21.02	20.94	21.07	22.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	20.94	20.98	21.06	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	20.95	20.97	21.04	22.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	20.94	20.94	21.03	22.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	20.95	20.93	21.02	22.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	20.92	21.01	21.09	22.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	20.99	20.99	21.05	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	21.00	20.98	21.05	22.5	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.83	23.86	23.84	24.2	0.0
20	PI/2 BPSK	1	53	23.82	23.85	23.83		
20	PI/2 BPSK	1	104	23.77	23.77	23.72		
20	PI/2 BPSK	50	0	23.05	23.17	23.08	24.2	0.0
20	PI/2 BPSK	50	28	23.55	23.68	23.63	24.2	0.0
20	PI/2 BPSK	50	56	23.03	23.11	22.96	24.2	0.0
20	PI/2 BPSK	100	0	23.02	23.17	23.05		
20	QPSK	1	1	23.63	23.68	23.60	24.2	0.0
20	QPSK	1	53	23.53	23.63	23.52		
20	QPSK	1	104	23.48	23.61	23.50		
20	QPSK	50	0	22.58	22.66	22.61	23.7	0.5
20	QPSK	50	28	23.54	23.68	23.59	24.2	0.0
20	QPSK	50	56	22.99	23.14	23.05	23.7	0.5
20	QPSK	100	0	23.12	23.17	23.02		
20	16QAM	1	1	23.41	23.57	23.46	23.7	0.5
20	64QAM	1	1	22.53	22.65	22.49	22.2	2.0
20	256QAM	1	1	21.03	21.13	21.02	20.2	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.62	23.67	23.59	24.2	0.0
Channel				165900	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.60	23.70	23.54	24.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.62	23.68	23.58	24.2	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.62	19.71	19.58	20.2	0.0
20	PI/2 BPSK	1	53	19.56	19.55	19.55		
20	PI/2 BPSK	1	104	19.56	19.62	19.56		
20	PI/2 BPSK	50	0	19.54	19.66	19.56	20.2	0.0
20	PI/2 BPSK	50	28	19.64	19.69	19.59	20.2	0.0
20	PI/2 BPSK	50	56	19.63	19.58	19.52	20.2	0.0
20	PI/2 BPSK	100	0	19.53	19.56	19.51		
20	QPSK	1	1	19.60	19.57	19.64	20.2	0.0
20	QPSK	1	53	19.59	19.53	19.53		
20	QPSK	1	104	19.64	19.64	19.67		
20	QPSK	50	0	19.46	19.54	19.49	20.2	0.0
20	QPSK	50	28	19.62	19.59	19.60	20.2	0.0
20	QPSK	50	56	19.60	19.60	19.58	20.2	0.0
20	QPSK	100	0	19.65	19.69	19.67		
20	16QAM	1	1	19.55	19.56	19.60	20.2	0.0
20	64QAM	1	1	19.55	19.56	19.54	20.2	0.0
20	256QAM	1	1	19.52	19.48	19.52	20.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	19.46	19.58	19.43	20.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	19.42	19.66	19.47	20.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	19.51	19.59	19.42	20.2	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.38	21.41	21.36	23.0	0.0
50	PI/2 BPSK	1	135	21.26	21.28	21.21		
50	PI/2 BPSK	1	268	21.35	21.24	21.31		
50	PI/2 BPSK	135	0	20.78	20.83	20.67	23.0	0.0
50	PI/2 BPSK	135	68	21.36	21.38	21.21	23.0	0.0
50	PI/2 BPSK	135	135	20.44	20.53	20.42	23.0	0.0
50	PI/2 BPSK	270	0	20.74	20.75	20.66		
50	QPSK	1	1	21.37	21.40	21.35	23.0	0.0
50	QPSK	1	135	21.28	21.34	21.23		
50	QPSK	1	268	21.04	21.11	20.95		
50	QPSK	135	0	20.06	20.21	20.15	23.0	0.0
50	QPSK	135	68	21.13	21.21	21.12	23.0	0.0
50	QPSK	135	135	20.83	20.93	20.79	23.0	0.0
50	QPSK	270	0	21.02	21.13	21.06		
50	16QAM	1	1	21.21	21.26	21.15	23.0	0.0
50	64QAM	1	1	19.68	19.78	19.71	21.5	1.5
50	256QAM	1	1	18.60	18.69	18.56	19.5	3.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.31	21.32	21.27	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.36	21.31	21.31	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	20.40	20.56	20.40	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.37	21.15	21.30	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.98	21.11	20.97	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.00	21.19	21.02	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.96	21.03	20.97	23.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.80	19.89	19.82	20.5	0.0
50	PI/2 BPSK	1	135	19.71	19.84	19.76		
50	PI/2 BPSK	1	268	19.62	19.71	19.68		
50	PI/2 BPSK	135	0	19.70	19.80	19.82	20.5	0.0
50	PI/2 BPSK	135	68	19.78	19.88	19.86	20.5	0.0
50	PI/2 BPSK	135	135	19.60	19.84	19.61	20.5	0.0
50	PI/2 BPSK	270	0	19.67	19.89	19.76		
50	QPSK	1	1	19.53	19.73	19.64	20.5	0.0
50	QPSK	1	135	19.66	19.77	19.69		
50	QPSK	1	268	19.40	19.61	19.57		
50	QPSK	135	0	19.69	19.81	19.77	20.5	0.0
50	QPSK	135	68	19.56	19.74	19.65	20.5	0.0
50	QPSK	135	135	19.67	19.86	19.85	20.5	0.0
50	QPSK	270	0	19.63	19.78	19.71		
50	16QAM	1	1	19.30	19.46	19.43	20.5	0.0
50	64QAM	1	1	19.43	19.53	19.42	20.5	0.0
50	256QAM	1	1	18.95	19.12	19.06	20.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.64	19.74	19.68	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	19.75	19.75	19.76	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	19.68	19.76	19.71	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.64	19.83	19.74	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	19.74	19.79	19.70	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.73	19.81	19.77	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.73	19.77	19.69	20.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.48	15.62	15.42	16.2	0.0
50	PI/2 BPSK	1	135	15.45	15.51	15.40		
50	PI/2 BPSK	1	268	15.44	15.46	15.38		
50	PI/2 BPSK	135	0	15.33	15.35	15.31	16.2	0.0
50	PI/2 BPSK	135	68	15.52	15.57	15.48	16.2	0.0
50	PI/2 BPSK	135	135	15.50	15.55	15.40	16.2	0.0
50	PI/2 BPSK	270	0	15.53	15.61	15.42		
50	QPSK	1	1	15.27	15.27	15.13	16.2	0.0
50	QPSK	1	135	15.03	15.09	14.90		
50	QPSK	1	268	15.17	15.25	15.04		
50	QPSK	135	0	15.31	15.36	15.23	16.2	0.0
50	QPSK	135	68	15.45	15.46	15.32	16.2	0.0
50	QPSK	135	135	15.42	15.53	15.32	16.2	0.0
50	QPSK	270	0	15.48	15.52	15.40		
50	16QAM	1	1	15.14	15.16	15.05	16.2	0.0
50	64QAM	1	1	14.77	14.88	14.71	16.2	0.0
50	256QAM	1	1	15.28	15.31	15.20	16.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.32	15.47	15.27	16.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	15.43	15.47	15.33	16.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	15.38	15.57	15.28	16.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.33	15.57	15.28	16.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.42	15.55	15.30	16.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	15.41	15.46	15.27	16.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	15.32	15.49	15.34	16.2	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	12.90	13.01	12.95	14.0	0.0
50	PI/2 BPSK	1	135	12.85	12.92	12.89		
50	PI/2 BPSK	1	268	12.89	12.91	12.90		
50	PI/2 BPSK	135	0	12.80	12.88	12.85	14.0	0.0
50	PI/2 BPSK	135	68	12.85	12.98	12.90	14.0	0.0
50	PI/2 BPSK	135	135	12.84	12.96	12.87	14.0	0.0
50	PI/2 BPSK	270	0	12.82	12.95	12.93		
50	QPSK	1	1	12.64	12.82	12.74	14.0	0.0
50	QPSK	1	135	12.49	12.67	12.66		
50	QPSK	1	268	12.63	12.79	12.79		
50	QPSK	135	0	12.61	12.78	12.76	14.0	0.0
50	QPSK	135	68	12.76	12.92	12.83	14.0	0.0
50	QPSK	135	135	12.85	12.99	12.93	14.0	0.0
50	QPSK	270	0	12.78	12.94	12.85		
50	16QAM	1	1	12.63	12.77	12.72	14.0	0.0
50	64QAM	1	1	12.32	12.46	12.45	14.0	0.0
50	256QAM	1	1	12.72	12.92	12.91	14.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	12.75	12.93	12.87	14.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	12.85	12.93	12.84	14.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	12.77	12.86	12.86	14.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	12.84	12.89	12.90	14.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	12.83	12.89	12.90	14.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	12.80	12.96	12.89	14.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	12.78	12.94	12.85	14.0	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.75	20.76	20.74		
40	PI/2 BPSK	1	53	20.72	20.73	20.68	21.5	0.0
40	PI/2 BPSK	1	104	20.54	20.56	20.52		
40	PI/2 BPSK	50	0	20.62	20.66	20.57	21.5	0.0
40	PI/2 BPSK	50	28	20.63	20.70	20.59	21.5	0.0
40	PI/2 BPSK	50	56	20.52	20.53	20.47	21.5	0.0
40	PI/2 BPSK	100	0	20.58	20.61	20.52		
40	QPSK	1	1	20.62	20.72	20.53		
40	QPSK	1	53	20.54	20.58	20.37	21.5	0.0
40	QPSK	1	104	20.44	20.52	20.40		
40	QPSK	50	0	20.51	20.56	20.44		
40	QPSK	50	28	20.59	20.61	20.40	21.5	0.0
40	QPSK	50	56	20.46	20.48	20.27		
40	QPSK	100	0	20.54	20.58	20.38	21.5	0.0
40	16QAM	1	1	20.41	20.47	20.33	21.5	0.0
40	64QAM	1	1	19.97	20.06	19.95	21.5	0.0
40	256QAM	1	1	18.64	18.75	18.54	19.5	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	20.59	20.62	20.65	21.5	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	20.66	20.68	20.59	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	20.69	20.68	20.62	21.5	0.0
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	20.66	20.63	20.62	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	20.60	20.70	20.68	21.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.90	19.92	19.91		
40	PI/2 BPSK	1	53	19.85	19.87	19.84	20.5	0.0
40	PI/2 BPSK	1	104	19.70	19.75	19.72		
40	PI/2 BPSK	50	0	19.68	19.72	19.71	20.5	0.0
40	PI/2 BPSK	50	28	19.70	19.79	19.73	20.5	0.0
40	PI/2 BPSK	50	56	19.60	19.69	19.63	20.5	0.0
40	PI/2 BPSK	100	0	19.67	19.73	19.72		
40	QPSK	1	1	19.73	19.88	19.78		
40	QPSK	1	53	19.66	19.82	19.74	20.5	0.0
40	QPSK	1	104	19.55	19.68	19.68		
40	QPSK	50	0	19.49	19.62	19.56		
40	QPSK	50	28	19.55	19.71	19.65	20.5	0.0
40	QPSK	50	56	19.44	19.59	19.59		
40	QPSK	100	0	19.58	19.68	19.66	20.5	0.0
40	16QAM	1	1	19.33	19.54	19.52	20.5	0.0
40	64QAM	1	1	19.48	19.62	19.54	20.5	0.0
40	256QAM	1	1	19.58	19.74	19.72	20.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	19.81	19.81	19.76	20.5	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	19.76	19.86	19.78	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	19.82	19.76	19.76	20.5	0.0
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	19.76	19.87	19.83	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	19.84	19.76	19.75	20.5	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.54	16.65	16.57		
40	PI/2 BPSK	1	53	16.52	16.61	16.53	16.7	0.0
40	PI/2 BPSK	1	104	16.50	16.63	16.50		
40	PI/2 BPSK	50	0	16.42	16.48	16.47	16.7	0.0
40	PI/2 BPSK	50	28	16.54	16.60	16.57	16.7	0.0
40	PI/2 BPSK	50	56	16.45	16.49	16.47	16.7	0.0
40	PI/2 BPSK	100	0	16.46	16.49	16.47		
40	QPSK	1	1	16.41	16.53	16.44		
40	QPSK	1	53	16.39	16.55	16.53	16.7	0.0
40	QPSK	1	104	16.32	16.52	16.50		
40	QPSK	50	0	16.36	16.46	16.37		
40	QPSK	50	28	16.37	16.56	16.52	16.7	0.0
40	QPSK	50	56	16.33	16.45	16.38		
40	QPSK	100	0	16.24	16.44	16.36	16.7	0.0
40	16QAM	1	1	16.16	16.31	16.25	16.7	0.0
40	64QAM	1	1	16.17	16.35	16.27	16.7	0.0
40	256QAM	1	1	16.26	16.39	16.35	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	16.42	16.54	16.48	16.7	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	16.42	16.49	16.47	16.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	16.45	16.53	16.52	16.7	0.0
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	16.45	16.55	16.50	16.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	16.40	14.52	16.46	16.7	0.0

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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)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	12.85	13.06	12.92	14.0	0.0
40	PI/2 BPSK	1	53	12.78	12.90	12.82		
40	PI/2 BPSK	1	104	12.76	12.85	12.79		
40	PI/2 BPSK	50	0	12.78	12.83	12.81	14.0	0.0
40	PI/2 BPSK	50	28	12.79	12.85	12.82	14.0	0.0
40	PI/2 BPSK	50	56	12.69	12.74	12.71	14.0	0.0
40	PI/2 BPSK	100	0	12.74	12.77	12.75		
40	QPSK	1	1	12.73	12.81	12.67	14.0	0.0
40	QPSK	1	53	12.77	12.88	12.78		
40	QPSK	1	104	12.63	12.69	12.60		
40	QPSK	50	0	12.67	12.79	12.65	14.0	0.0
40	QPSK	50	28	12.63	12.77	12.64		
40	QPSK	50	56	12.64	12.72	12.59		
40	QPSK	100	0	12.70	12.77	12.71	14.0	0.0
40	16QAM	1	1	12.58	12.73	12.63	14.0	0.0
40	64QAM	1	1	12.32	12.44	12.28	14.0	0.0
40	256QAM	1	1	12.81	12.92	12.77	14.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	12.73	13.00	12.77	14.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	PI/2 BPSK	1	1	12.74	12.97	12.79	14.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	12.80	12.94	12.83	14.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	PI/2 BPSK	1	1	12.79	12.94	12.79	14.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	PI/2 BPSK	1	1	12.74	12.92	12.87	14.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.48		14.0	0.0
100	PI/2 BPSK	1	137		13.33			
100	PI/2 BPSK	1	271		13.16			
100	PI/2 BPSK	135	0		13.44		14.0	0.0
100	PI/2 BPSK	135	69		13.46		14.0	0.0
100	PI/2 BPSK	135	138		13.24		14.0	0.0
100	PI/2 BPSK	270	0		13.39			
100	QPSK	1	1		13.11		14.0	0.0
100	QPSK	1	137		13.06			
100	QPSK	1	271		13.14			
100	QPSK	135	0		13.42		14.0	0.0
100	QPSK	135	69		13.37			
100	QPSK	135	138		13.22			
100	QPSK	270	0		13.32		14.0	0.0
100	16QAM	1	1		13.09		14.0	0.0
100	64QAM	1	1		13.13		14.0	0.0
100	256QAM	1	1		13.45		14.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.40	13.42	13.35	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.34	13.28	13.20	14.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.29	13.34	13.28	14.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.25	13.35	13.22	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.26	13.27	13.23	14.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.32	13.28	13.28	14.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.34	13.30	13.24	14.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	13.32	13.35	13.23	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.27	13.31	13.21	14.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	13.30	13.35	13.21	14.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	13.29	13.31	13.20	14.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.18		14.0	0.0
100	PI/2 BPSK	1	137		13.11			
100	PI/2 BPSK	1	271		13.04			
100	PI/2 BPSK	135	0		13.13		14.0	0.0
100	PI/2 BPSK	135	69		13.14		14.0	0.0
100	PI/2 BPSK	135	138		13.11		14.0	0.0
100	PI/2 BPSK	270	0		13.12			
100	QPSK	1	1		12.95		14.0	0.0
100	QPSK	1	137		13.13			
100	QPSK	1	271		13.03			
100	QPSK	135	0		13.14		14.0	0.0
100	QPSK	135	69		13.15			
100	QPSK	135	138		13.09			
100	QPSK	270	0		13.13		14.0	0.0
100	16QAM	1	1		12.80		14.0	0.0
100	64QAM	1	1		12.78		14.0	0.0
100	256QAM	1	1		12.85		14.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	13.10	13.12	13.05	14.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	13.04	12.96	12.95	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	12.96	12.97	12.99	14.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	12.98	13.07	12.91	14.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	13.00	13.07	12.97	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	13.03	12.98	12.98	14.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	12.99	13.02	12.92	14.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	12.99	13.01	12.90	14.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	12.94	12.97	12.97	14.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	12.97	12.99	12.92	14.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	12.98	13.00	12.93	14.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.06		15.0	0.0
100	PI/2 BPSK	1	137		13.95			
100	PI/2 BPSK	1	271		13.85			
100	PI/2 BPSK	135	0		13.83		15.0	0.0
100	PI/2 BPSK	135	69		14.05		15.0	0.0
100	PI/2 BPSK	135	138		13.82		15.0	0.0
100	PI/2 BPSK	270	0		14.02			
100	QPSK	1	1		13.91		15.0	0.0
100	QPSK	1	137		13.93			
100	QPSK	1	271		13.78			
100	QPSK	135	0		14.02		15.0	0.0
100	QPSK	135	69		13.96			
100	QPSK	135	138		13.84			
100	QPSK	270	0		13.98		15.0	0.0
100	16QAM	1	1		13.75		15.0	0.0
100	64QAM	1	1		13.74		15.0	0.0
100	256QAM	1	1		13.82		15.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.95	13.98	13.90	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.80	13.86	13.80	15.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.89	13.82	13.74	15.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.80	13.93	13.77	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.83	13.92	13.77	15.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.87	13.86	13.82	15.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.79	13.84	13.78	15.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	13.87	13.87	13.85	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.88	13.82	13.77	15.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	13.85	13.85	13.77	15.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	13.80	13.84	13.85	15.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.95		15.0	0.0
100	PI/2 BPSK	1	137		13.88			
100	PI/2 BPSK	1	271		13.76			
100	PI/2 BPSK	135	0		13.93		15.0	0.0
100	PI/2 BPSK	135	69		13.94		15.0	0.0
100	PI/2 BPSK	135	138		13.87		15.0	0.0
100	PI/2 BPSK	270	0		13.92			
100	QPSK	1	1		13.79		15.0	0.0
100	QPSK	1	137		13.86			
100	QPSK	1	271		13.76			
100	QPSK	135	0		13.91		15.0	0.0
100	QPSK	135	69		13.85			
100	QPSK	135	138		13.87			
100	QPSK	270	0		13.92		15.0	0.0
100	16QAM	1	1		13.54		15.0	0.0
100	64QAM	1	1		13.56		15.0	0.0
100	256QAM	1	1		13.70		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	13.88	13.92	13.86	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	13.83	13.77	13.72	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	13.75	13.81	13.74	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	13.79	13.77	13.80	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	13.78	13.83	13.73	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	13.80	13.86	13.80	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	13.75	13.80	13.70	15.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	13.74	13.83	13.74	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	13.79	13.78	13.70	15.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	13.78	13.86	13.72	15.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	13.81	13.77	13.70	15.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.17		14.0	0.0
100	PI/2 BPSK	1	137		12.96			
100	PI/2 BPSK	1	271		12.92			
100	PI/2 BPSK	135	0		13.08		14.0	0.0
100	PI/2 BPSK	135	69		13.12		14.0	0.0
100	PI/2 BPSK	135	138		12.84		14.0	0.0
100	PI/2 BPSK	270	0		13.07			
100	QPSK	1	1		13.12		14.0	0.0
100	QPSK	1	137		13.02			
100	QPSK	1	271		12.76			
100	QPSK	135	0		13.14		14.0	0.0
100	QPSK	135	69		13.02			
100	QPSK	135	138		12.93			
100	QPSK	270	0		13.04		14.0	0.0
100	16QAM	1	1		12.85		14.0	0.0
100	64QAM	1	1		12.92		14.0	0.0
100	256QAM	1	1		12.90		14.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.02	13.10	12.95	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	12.93	13.03	12.90	14.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	12.96	12.98	12.83	14.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	12.95	12.95	12.84	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	12.95	13.00	12.85	14.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	12.86	13.02	12.84	14.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	12.86	12.94	12.80	14.0	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	12.97	13.02	12.79	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	12.94	13.02	12.86	14.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	12.89	13.05	12.82	14.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	12.92	13.00	12.80	14.0	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.97		14.0	0.0
100	PI/2 BPSK	1	137		12.92			
100	PI/2 BPSK	1	271		12.82			
100	PI/2 BPSK	135	0		12.92		14.0	0.0
100	PI/2 BPSK	135	69		12.95		14.0	0.0
100	PI/2 BPSK	135	138		12.91		14.0	0.0
100	PI/2 BPSK	270	0		12.92			
100	QPSK	1	1		12.82		14.0	0.0
100	QPSK	1	137		12.92			
100	QPSK	1	271		12.78			
100	QPSK	135	0		12.96		14.0	0.0
100	QPSK	135	69		12.92			
100	QPSK	135	138		12.92			
100	QPSK	270	0		12.63		14.0	0.0
100	16QAM	1	1		12.62		14.0	0.0
100	64QAM	1	1		12.61		14.0	0.0
100	256QAM	1	1		12.58		14.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	12.88	12.92	12.82	14.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	12.82	12.85	12.71	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	12.80	12.84	12.75	14.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	12.76	12.85	12.71	14.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	12.79	12.85	12.74	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	12.74	12.83	12.66	14.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	12.75	12.79	12.72	14.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	12.80	12.78	12.70	14.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	12.81	12.83	12.73	14.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	12.81	12.76	12.72	14.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	12.80	12.79	12.75	14.0	0.0

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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.36		17.5	0.0
100	PI/2 BPSK	1	137		16.21			
100	PI/2 BPSK	1	271		16.01			
100	PI/2 BPSK	135	0		16.21		17.5	0.0
100	PI/2 BPSK	135	69		16.25		17.5	0.0
100	PI/2 BPSK	135	138		16.03		17.5	0.0
100	PI/2 BPSK	270	0		16.16			
100	QPSK	1	1		16.24		17.5	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		15.98			
100	QPSK	135	0		16.33		17.5	0.0
100	QPSK	135	69		16.24			
100	QPSK	135	138		16.04			
100	QPSK	270	0		16.24		17.5	0.0
100	16QAM	1	1		15.98		17.5	0.0
100	64QAM	1	1		20.01		17.5	0.0
100	256QAM	1	1		16.21		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.28	16.32	16.25	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.23	16.21	16.16	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.12	16.20	16.19	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.20	16.17	16.11	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.23	16.20	16.19	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.14	16.16	16.20	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.21	16.22	16.11	17.5	0.0
Channel				630834	633334	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.48		
25	PI/2 BPSK	1	1	16.18	16.26	16.09	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.19	16.17	16.09	17.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	PI/2 BPSK	1	1	16.15	16.21	16.13	17.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	PI/2 BPSK	1	1	16.18	16.21	16.17	17.5	0.0

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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)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.23		17.5	0.0
100	PI/2 BPSK	1	137		15.89			
100	PI/2 BPSK	1	271		15.85			
100	PI/2 BPSK	135	0		15.95		17.5	0.0
100	PI/2 BPSK	135	69		16.20		17.5	0.0
100	PI/2 BPSK	135	138		15.86		17.5	0.0
100	PI/2 BPSK	270	0		16.18			
100	QPSK	1	1		15.75		17.5	0.0
100	QPSK	1	137		15.88			
100	QPSK	1	271		15.82			
100	QPSK	135	0		15.91		17.5	0.0
100	QPSK	135	69		15.93			
100	QPSK	135	138		15.87			
100	QPSK	270	0		15.94		17.5	0.0
100	16QAM	1	1		15.85		17.5	0.0
100	64QAM	1	1		15.83		17.5	0.0
100	256QAM	1	1		15.82		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.91	15.95	15.86	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.86	15.89	15.73	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	15.78	15.79	15.70	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	15.85	15.90	15.75	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.80	15.90	15.81	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.75	15.83	15.78	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	15.79	15.84	15.70	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	PI/2 BPSK	1	1	15.83	15.82	15.75	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	15.79	15.86	15.74	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	PI/2 BPSK	1	1	15.75	15.84	15.77	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	PI/2 BPSK	1	1	15.75	15.85	15.80	17.5	0.0

Other_PA

Full Power level/Default Power level for WWAN-ENDC

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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.55	24.59	24.53		
20	QPSK	1	49	24.52	24.58	24.48	25	0
20	QPSK	1	99	24.50	24.55	24.41		
20	QPSK	50	0	23.51	23.62	23.50		
20	QPSK	50	24	23.51	23.54	23.45	24	1
20	QPSK	50	50	23.54	23.53	23.44		
20	QPSK	100	0	23.44	23.51	23.37		
20	16QAM	1	0	23.42	23.62	23.40		
20	16QAM	1	49	23.51	23.68	23.45	24	1
20	16QAM	1	99	23.39	23.59	23.38		
20	16QAM	50	0	22.42	22.58	22.32		
20	16QAM	50	24	22.30	22.48	22.18	23	2
20	16QAM	50	50	22.25	22.51	22.24		
20	16QAM	100	0	22.27	22.53	22.30		
20	64QAM	1	0	22.35	22.58	22.33		
20	64QAM	1	49	22.31	22.56	22.28	23	2
20	64QAM	1	99	22.30	22.51	22.28		
20	64QAM	50	0	21.43	21.58	21.37		
20	64QAM	50	24	21.27	21.43	21.15	22	3
20	64QAM	50	50	21.36	21.52	21.32		
20	64QAM	100	0	21.32	21.49	21.18		
20	256QAM	1	0	19.19	19.43	19.14		
20	256QAM	1	49	19.20	19.46	19.26	20	5
20	256QAM	1	99	19.23	19.42	19.16		
20	256QAM	50	0	19.34	19.53	19.22		
20	256QAM	50	24	19.22	19.43	19.15	20	5
20	256QAM	50	50	19.21	19.47	19.19		
20	256QAM	100	0	19.25	19.48	19.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.47	24.38	24.37		
15	QPSK	1	37	24.36	24.51	24.43	25	0
15	QPSK	1	74	24.28	24.47	24.26		
15	QPSK	36	0	23.39	23.53	23.35		
15	QPSK	36	20	23.39	23.45	23.32	24	1
15	QPSK	36	39	23.41	23.37	23.39		
15	QPSK	75	0	23.30	23.40	23.27		
15	16QAM	1	0	23.35	23.46	23.33		
15	16QAM	1	37	23.36	23.54	23.32	24	1
15	16QAM	1	74	23.32	23.46	23.24		
15	16QAM	36	0	22.29	22.42	22.21		
15	16QAM	36	20	22.16	22.40	22.02	23	2
15	16QAM	36	39	22.18	22.35	22.11		
15	16QAM	75	0	22.16	22.40	22.25		
15	64QAM	1	0	22.28	22.43	22.27		
15	64QAM	1	37	22.22	22.50	22.14	23	2
15	64QAM	1	74	22.20	22.39	22.13		
15	64QAM	36	0	21.38	21.46	21.21		
15	64QAM	36	20	21.17	21.35	21.05	22	3
15	64QAM	36	39	21.22	21.45	21.21		
15	64QAM	75	0	21.24	21.43	21.05		
15	256QAM	1	0	19.13	19.30	19.06		
15	256QAM	1	37	19.15	19.41	19.14	20	5
15	256QAM	1	74	19.14	19.30	19.02		
15	256QAM	36	0	19.22	19.38	19.10		
15	256QAM	36	20	19.12	19.35	19.05	20	5
15	256QAM	36	39	19.08	19.37	19.13		
15	256QAM	75	0	19.12	19.43	19.10		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.48	24.46	24.37		
10	QPSK	1	25	24.38	24.52	24.42	25	0
10	QPSK	1	49	24.40	24.46	24.30		
10	QPSK	25	0	23.34	23.57	23.39		
10	QPSK	25	12	23.41	23.42	23.33	24	1
10	QPSK	25	25	23.44	23.40	23.37		
10	QPSK	50	0	23.34	23.42	23.24		
10	16QAM	1	0	23.32	23.55	23.32		
10	16QAM	1	25	23.44	23.57	23.40	24	1
10	16QAM	1	49	23.24	23.44	23.24		
10	16QAM	25	0	22.37	22.53	22.27		
10	16QAM	25	12	22.25	22.42	22.09	23	2
10	16QAM	25	25	22.15	22.42	22.16		
10	16QAM	50	0	22.17	22.41	22.23		
10	64QAM	1	0	22.20	22.46	22.21		
10	64QAM	1	25	22.25	22.45	22.12	23	2
10	64QAM	1	49	22.21	22.45	22.18		
10	64QAM	25	0	21.35	21.50	21.30		
10	64QAM	25	12	21.12	21.28	21.01	22	3
10	64QAM	25	25	21.27	21.40	21.22		
10	64QAM	50	0	21.25	21.39	21.07		
10	256QAM	1	0	19.12	19.36	19.02		
10	256QAM	1	25	19.15	19.31	19.21	20	5
10	256QAM	1	49	19.10	19.27	19.07		
10	256QAM	25	0	19.24	19.44	19.14		
10	256QAM	25	12	19.07	19.29	19.10	20	5
10	256QAM	25	25	19.08	19.33	19.12		
10	256QAM	50	0	19.17	19.36	19.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.39	24.41	24.47		
5	QPSK	1	12	24.40	24.43	24.42	25	0
5	QPSK	1	24	24.47	24.49	24.26		
5	QPSK	12	0	23.41	23.50	23.36		
5	QPSK	12	7	23.43	23.47	23.30	24	1
5	QPSK	12	13	23.43	23.47	23.33		
5	QPSK	25	0	23.30	23.40	23.31		
5	16QAM	1	0	23.32	23.46	23.28		
5	16QAM	1	12	23.37	23.58	23.36	24	1
5	16QAM	1	24	23.25	23.52	23.30		
5	16QAM	12	0	22.27	22.49	22.24		
5	16QAM	12	7	22.21	22.35	22.03	23	2
5	16QAM	12	13	22.11	22.36	22.11		
5	16QAM	25	0	22.12	22.47	22.20		
5	64QAM	1	0	22.27	22.50	22.22		
5	64QAM	1	12	22.17	22.45	22.20	23	2
5	64QAM	1	24	22.14	22.43	22.23		
5	64QAM	12	0	21.29	21.45	21.23		
5	64QAM	12	7	21.21	21.36	20.99	22	3
5	64QAM	12	13	21.29	21.42	21.20		
5	64QAM	25	0	21.26	21.41	21.08		
5	256QAM	1	0	19.12	19.30	19.09		
5	256QAM	1	12	19.06	19.37	19.12	20	5
5	256QAM	1	24	19.14	19.26	19.03		
5	256QAM	12	0	19.23	19.44	19.14		
5	256QAM	12	7	19.16	19.27	19.09	20	5
5	256QAM	12	13	19.09	19.32	19.05		
5	256QAM	25	0	19.16	19.39	19.14		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.39	24.41	24.40		
3	QPSK	1	8	24.42	24.49	24.34	25	0
3	QPSK	1	14	24.43	24.46	24.28		
3	QPSK	8	0	23.35	23.56	23.40		
3	QPSK	8	4	23.36	23.41	23.30	24	1
3	QPSK	8	7	23.40	23.48	23.33		
3	QPSK	15	0	23.35	23.43	23.28		
3	16QAM	1	0	23.28	23.46	23.32		
3	16QAM	1	8	23.42	23.55	23.37	24	1
3	16QAM	1	14	23.31	23.52	23.33		
3	16QAM	8	0	22.26	22.51	22.19		
3	16QAM	8	4	22.24	22.35	22.11	23	2
3	16QAM	8	7	22.19	22.45	22.18		
3	16QAM	15	0	22.18	22.44	22.25		
3	64QAM	1	0	22.28	22.48	22.18		
3	64QAM	1	8	22.19	22.48	22.18	23	2
3	64QAM	1	14	22.25	22.45	22.23		
3	64QAM	8	0	21.31	21.49	21.27		
3	64QAM	8	4	21.12	21.35	21.08	22	3
3	64QAM	8	7	21.22	21.37	21.26		
3	64QAM	15	0	21.26	21.39	21.02		
3	256QAM	1	0	19.03	19.34	19.07		
3	256QAM	1	8	19.09	19.33	19.12	20	5
3	256QAM	1	14	19.07	19.34	19.01		
3	256QAM	8	0	19.23	19.48	19.15		
3	256QAM	8	4	19.14	19.33	19.07	20	5
3	256QAM	8	7	19.11	19.33	19.11		
3	256QAM	15	0	19.10	19.39	19.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.49	24.39	24.43		
1.4	QPSK	1	3	24.44	24.53	24.39		
1.4	QPSK	1	5	24.43	24.43	24.31	25	0
1.4	QPSK	3	0	23.81	24.03	23.91		
1.4	QPSK	3	1	23.85	23.95	23.90		
1.4	QPSK	3	3	23.94	23.96	23.80		
1.4	QPSK	6	0	23.37	23.35	23.31	24	1
1.4	16QAM	1	0	23.31	23.46	23.35		
1.4	16QAM	1	3	23.40	23.54	23.40		
1.4	16QAM	1	5	23.34	23.53	23.23	24	1
1.4	16QAM	3	0	22.80	22.93	22.76		
1.4	16QAM	3	1	22.75	22.86	22.56		
1.4	16QAM	3	3	22.62	22.88	22.60		
1.4	16QAM	6	0	22.14	22.43	22.16	23	2
1.4	64QAM	1	0	22.19	22.42	22.22		
1.4	64QAM	1	3	22.22	22.44	22.22		
1.4	64QAM	1	5	22.15	22.39	22.22	23	2
1.4	64QAM	3	0	21.77	21.94	21.76		
1.4	64QAM	3	1	21.68	21.84	21.58		
1.4	64QAM	3	3	21.78	21.95	21.77		
1.4	64QAM	6	0	21.24	21.40	21.04	22	3
1.4	256QAM	1	0	19.09	19.27	19.07		
1.4	256QAM	1	3	19.06	19.34	19.18		
1.4	256QAM	1	5	19.10	19.30	19.02	20	5
1.4	256QAM	3	0	19.26	19.37	19.12		
1.4	256QAM	3	1	19.07	19.33	19.06		
1.4	256QAM	3	3	19.07	19.37	19.08		
1.4	256QAM	6	0	19.13	19.36	19.09	20	5

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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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25.41	25.43	25.33		
20	QPSK	1	49	25.30	25.37	25.29	25.5	0
20	QPSK	1	99	25.32	25.36	25.21		
20	QPSK	50	0	24.30	24.47	24.27		
20	QPSK	50	24	24.26	24.27	24.23	24.5	1
20	QPSK	50	50	24.25	24.26	24.14		
20	QPSK	100	0	24.27	24.31	24.15		
20	16QAM	1	0	24.31	24.46	24.27		
20	16QAM	1	49	24.34	24.46	24.27	24.5	1
20	16QAM	1	99	24.13	24.31	24.07		
20	16QAM	50	0	23.26	23.36	23.19		
20	16QAM	50	24	23.07	23.25	23.02	23.5	2
20	16QAM	50	50	23.07	23.24	23.05		
20	16QAM	100	0	23.17	23.28	23.12		
20	64QAM	1	0	23.28	23.40	23.14		
20	64QAM	1	49	23.22	23.37	23.16	23.5	2
20	64QAM	1	99	23.13	23.31	23.13		
20	64QAM	50	0	22.11	22.32	22.11		
20	64QAM	50	24	22.10	22.21	21.96	22.5	3
20	64QAM	50	50	22.13	22.25	22.01		
20	64QAM	100	0	22.00	22.21	22.03		
20	256QAM	1	0	20.11	20.24	20.00		
20	256QAM	1	49	20.08	20.23	20.03	20.5	5
20	256QAM	1	99	20.10	20.25	20.03		
20	256QAM	50	0	20.16	20.32	20.08		
20	256QAM	50	24	19.96	20.14	19.88	20.5	5
20	256QAM	50	50	20.07	20.23	20.04		
20	256QAM	100	0	20.06	20.21	20.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	25.25	25.31	25.27		
15	QPSK	1	37	25.31	25.32	25.13	25.5	0
15	QPSK	1	74	25.28	25.22	25.15		
15	QPSK	36	0	24.24	24.27	24.11		
15	QPSK	36	20	24.29	24.12	24.07	24.5	1
15	QPSK	36	39	24.27	24.18	24.02		
15	QPSK	75	0	24.18	24.16	23.99		
15	16QAM	1	0	24.26	24.43	24.25		
15	16QAM	1	37	24.25	24.34	24.18	24.5	1
15	16QAM	1	74	24.02	24.22	23.93		
15	16QAM	36	0	23.01	23.16	22.90		
15	16QAM	36	20	22.97	23.13	22.90	23.5	2
15	16QAM	36	39	22.91	23.19	22.95		
15	16QAM	75	0	23.05	23.20	22.99		
15	64QAM	1	0	23.16	23.32	23.08		
15	64QAM	1	37	23.12	23.27	23.09	23.5	2
15	64QAM	1	74	23.04	23.26	23.00		
15	64QAM	36	0	21.96	22.20	22.02		
15	64QAM	36	20	21.96	22.10	21.90	22.5	3
15	64QAM	36	39	22.04	22.18	21.92		
15	64QAM	75	0	21.86	22.06	21.89		
15	256QAM	1	0	20.02	20.10	19.93		
15	256QAM	1	37	20.02	20.06	19.90	20.5	5
15	256QAM	1	74	20.10	20.14	19.94		
15	256QAM	36	0	20.01	20.25	20.00		
15	256QAM	36	20	19.89	19.99	19.77	20.5	5
15	256QAM	36	39	19.91	20.16	19.89		
15	256QAM	75	0	19.92	20.05	19.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	25.36	25.37	25.26		
10	QPSK	1	25	25.28	25.26	25.19	25.5	0
10	QPSK	1	49	25.25	25.23	25.15		
10	QPSK	25	0	24.17	24.32	24.16		
10	QPSK	25	12	24.30	24.22	24.13	24.5	1
10	QPSK	25	25	24.34	24.02	24.15		
10	QPSK	50	0	24.20	24.16	24.10		
10	16QAM	1	0	24.18	24.44	24.24		
10	16QAM	1	25	24.25	24.34	24.12	24.5	1
10	16QAM	1	49	24.05	24.15	24.00		
10	16QAM	25	0	23.10	23.30	23.12		
10	16QAM	25	12	22.95	23.09	22.91	23.5	2
10	16QAM	25	25	22.91	23.10	22.98		
10	16QAM	50	0	23.00	23.15	23.07		
10	64QAM	1	0	23.13	23.32	23.08		
10	64QAM	1	25	23.15	23.32	23.09	23.5	2
10	64QAM	1	49	22.97	23.23	23.05		
10	64QAM	25	0	22.03	22.21	22.05		
10	64QAM	25	12	21.98	22.12	21.82	22.5	3
10	64QAM	25	25	22.04	22.20	21.95		
10	64QAM	50	0	21.95	22.13	21.98		
10	256QAM	1	0	20.00	20.11	19.85		
10	256QAM	1	25	20.00	20.17	19.94	20.5	5
10	256QAM	1	49	20.04	20.15	19.90		
10	256QAM	25	0	20.07	20.22	19.98		
10	256QAM	25	12	19.91	20.05	19.80	20.5	5
10	256QAM	25	25	19.96	20.10	19.97		
10	256QAM	50	0	19.97	20.14	19.91		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	25.30	25.17	25.18		
5	QPSK	1	12	25.23	25.30	25.15	25.5	0
5	QPSK	1	24	25.33	25.23	25.12		
5	QPSK	12	0	24.18	24.31	24.15		
5	QPSK	12	7	24.23	24.21	24.07	24.5	1
5	QPSK	12	13	24.23	24.19	24.02		
5	QPSK	25	0	24.17	24.23	24.10		
5	16QAM	1	0	24.16	24.43	24.23		
5	16QAM	1	12	24.23	24.36	24.16	24.5	1
5	16QAM	1	24	24.02	24.26	24.04		
5	16QAM	12	0	23.11	23.26	23.10		
5	16QAM	12	7	22.91	23.16	22.94	23.5	2
5	16QAM	12	13	23.00	23.16	22.99		
5	16QAM	25	0	23.07	23.12	22.99		
5	64QAM	1	0	23.23	23.33	23.05		
5	64QAM	1	12	23.16	23.21	23.06	23.5	2
5	64QAM	1	24	23.06	23.23	23.01		
5	64QAM	12	0	21.99	22.17	21.96		
5	64QAM	12	7	22.00	22.12	21.81	22.5	3
5	64QAM	12	13	22.00	22.19	21.95		
5	64QAM	25	0	21.90	22.11	21.95		
5	256QAM	1	0	20.08	20.22	19.92		
5	256QAM	1	12	19.97	20.16	19.89	20.5	5
5	256QAM	1	24	20.08	20.20	19.96		
5	256QAM	12	0	20.11	20.24	20.01		
5	256QAM	12	7	19.91	20.07	19.81	20.5	5
5	256QAM	12	13	20.02	20.17	19.90		
5	256QAM	25	0	20.01	20.06	19.89		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	25.36	25.20	25.23		
3	QPSK	1	8	25.30	25.23	25.14	25.5	0
3	QPSK	1	14	25.24	25.28	25.11		
3	QPSK	8	0	24.22	24.30	24.21		
3	QPSK	8	4	24.28	24.20	24.10	24.5	1
3	QPSK	8	7	24.25	24.12	23.99		
3	QPSK	15	0	24.12	24.26	24.09		
3	16QAM	1	0	24.22	24.41	24.25		
3	16QAM	1	8	24.21	24.37	24.12	24.5	1
3	16QAM	1	14	23.98	24.15	23.98		
3	16QAM	8	0	23.14	23.25	23.03		
3	16QAM	8	4	22.94	23.09	22.89	23.5	2
3	16QAM	8	7	22.97	23.14	22.92		
3	16QAM	15	0	23.05	23.19	23.07		
3	64QAM	1	0	23.23	23.24	22.99		
3	64QAM	1	8	23.14	23.29	23.10	23.5	2
3	64QAM	1	14	22.98	23.16	23.08		
3	64QAM	8	0	21.96	22.23	21.96		
3	64QAM	8	4	21.94	22.14	21.86	22.5	3
3	64QAM	8	7	22.07	22.15	21.89		
3	64QAM	15	0	21.91	22.07	21.98		
3	256QAM	1	0	20.04	20.19	19.92		
3	256QAM	1	8	19.96	20.13	19.95	20.5	5
3	256QAM	1	14	20.01	20.16	19.96		
3	256QAM	8	0	20.05	20.23	19.99		
3	256QAM	8	4	19.86	20.01	19.73	20.5	5
3	256QAM	8	7	19.98	20.14	19.89		
3	256QAM	15	0	19.95	20.09	19.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	25.30	25.32	25.26		
1.4	QPSK	1	3	25.27	25.28	25.23		
1.4	QPSK	1	5	25.25	25.25	25.12	25.5	0
1.4	QPSK	3	0	24.73	24.77	24.66		
1.4	QPSK	3	1	24.78	24.81	24.61		
1.4	QPSK	3	3	24.74	24.72	24.51		
1.4	QPSK	6	0	24.14	24.21	24.02	24.5	1
1.4	16QAM	1	0	24.19	24.38	24.19		
1.4	16QAM	1	3	24.29	24.41	24.22		
1.4	16QAM	1	5	24.06	24.17	24.00	24.5	1
1.4	16QAM	3	0	23.61	23.76	23.59		
1.4	16QAM	3	1	23.46	23.66	23.47		
1.4	16QAM	3	3	23.44	23.68	23.50		
1.4	16QAM	6	0	23.01	23.18	23.00	23.5	2
1.4	64QAM	1	0	23.22	23.34	23.05		
1.4	64QAM	1	3	23.12	23.21	23.03		
1.4	64QAM	1	5	23.08	23.21	23.07	23.5	2
1.4	64QAM	3	0	22.54	22.71	22.52		
1.4	64QAM	3	1	22.54	22.65	22.33		
1.4	64QAM	3	3	22.55	22.61	22.41		
1.4	64QAM	6	0	21.94	22.13	21.92	22.5	3
1.4	256QAM	1	0	20.01	20.17	19.85		
1.4	256QAM	1	3	20.02	20.17	19.90		
1.4	256QAM	1	5	20.08	20.15	19.92	20.5	5
1.4	256QAM	3	0	20.05	20.25	19.99		
1.4	256QAM	3	1	19.84	20.01	19.74		
1.4	256QAM	3	3	19.99	20.13	19.96		
1.4	256QAM	6	0	19.93	20.15	19.95	20.5	5

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.34	23.36	23.25		
20	QPSK	1	49	23.20	23.22	23.18	24	0
20	QPSK	1	99	23.12	23.15	22.89		
20	QPSK	50	0	22.26	22.29	22.18		
20	QPSK	50	24	22.19	22.20	22.16	23	1
20	QPSK	50	50	22.18	22.23	22.09		
20	QPSK	100	0	22.23	22.26	22.12		
20	16QAM	1	0	22.28	22.43	22.37		
20	16QAM	1	49	22.16	22.32	22.24	23	1
20	16QAM	1	99	22.10	22.20	22.12		
20	16QAM	50	0	21.00	21.13	20.99		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.19	22.25	22.18	23.5	0
20	QPSK	1	49	22.11	22.12	22.10		
20	QPSK	1	99	22.08	22.10	22.03		
20	QPSK	50	0	21.08	21.12	21.06	22.5	1
20	QPSK	50	24	21.07	21.08	21.01		
20	QPSK	50	50	20.93	20.96	20.92		
20	QPSK	100	0	20.99	21.03	20.97		
20	16QAM	1	0	21.07	21.13	20.98	22.5	1
20	16QAM	1	49	21.01	21.14	21.07		
20	16QAM	1	99	21.04	21.15	21.04		
20	16QAM	50	0	20.06	20.18	20.02	21.5	2
20	16QAM	50	24	20.07	20.19	20.07		
20	16QAM	50	50	20.16	20.27	20.16		
20	16QAM	100	0	20.07	20.13	19.98		
20	64QAM	1	0	20.11	20.26	20.20	21.5	2
20	64QAM	1	49	20.16	20.28	20.16		
20	64QAM	1	99	20.20	20.29	20.22		
20	64QAM	50	0	19.05	19.21	19.16	20.5	3
20	64QAM	50	24	19.13	19.22	19.07		
20	64QAM	50	50	19.12	19.24	19.14		
20	64QAM	100	0	19.01	19.10	18.97		
20	256QAM	1	0	17.05	17.23	16.97	18.5	5
20	256QAM	1	49	17.00	17.19	17.01		
20	256QAM	1	99	17.16	17.26	17.07		
20	256QAM	50	0	17.01	17.18	17.03	18.5	5
20	256QAM	50	24	16.98	17.18	17.00		
20	256QAM	50	50	17.05	17.15	16.99		
20	256QAM	100	0	17.00	17.17	17.01		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.07	22.00	21.99	23.5	0
15	QPSK	1	37	21.97	21.92	21.97		
15	QPSK	1	74	22.22	21.99	22.11		
15	QPSK	36	0	21.19	21.07	21.21	22.5	1
15	QPSK	36	20	21.22	21.07	21.15		
15	QPSK	36	39	21.19	21.02	21.23		
15	QPSK	75	0	21.23	21.08	21.22		
15	16QAM	1	0	21.14	21.20	21.03	22.5	1
15	16QAM	1	37	21.11	21.22	21.21		
15	16QAM	1	74	21.13	21.26	21.08		
15	16QAM	36	0	19.96	20.13	19.96	21.5	2
15	16QAM	36	20	19.99	20.09	19.91		
15	16QAM	36	39	20.03	20.22	20.00		
15	16QAM	75	0	19.95	20.02	19.98		
15	64QAM	1	0	19.96	20.17	20.13	21.5	2
15	64QAM	1	37	20.10	20.22	20.00		
15	64QAM	1	74	20.08	20.20	20.08		
15	64QAM	36	0	18.91	19.18	19.09	20.5	3
15	64QAM	36	20	19.01	19.14	18.96		
15	64QAM	36	39	19.07	19.18	19.02		
15	64QAM	75	0	18.92	19.04	18.99		
15	256QAM	1	0	16.93	17.14	16.89	18.5	5
15	256QAM	1	37	16.89	17.03	16.94		
15	256QAM	1	74	17.04	17.10	16.91		
15	256QAM	36	0	16.95	17.08	16.90	18.5	5
15	256QAM	36	20	16.93	17.10	16.84		
15	256QAM	36	39	16.93	16.99	16.92		
15	256QAM	75	0	16.94	17.08	16.93		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.06	21.93	22.00	23.5	0
10	QPSK	1	25	21.96	21.97	22.02		
10	QPSK	1	49	22.00	22.03	22.20		
10	QPSK	25	0	21.19	21.02	21.28	22.5	1
10	QPSK	25	12	21.20	21.05	21.22		
10	QPSK	25	25	21.21	21.01	21.20		
10	QPSK	50	0	21.16	20.98	21.16		
10	16QAM	1	0	21.22	21.26	21.05	22.5	1
10	16QAM	1	25	21.09	21.18	21.22		
10	16QAM	1	49	21.09	21.26	21.08		
10	16QAM	25	0	19.97	20.03	19.92	21.5	2
10	16QAM	25	12	19.99	20.14	19.94		
10	16QAM	25	25	20.10	20.18	20.08		
10	16QAM	50	0	20.02	19.97	19.92		
10	64QAM	1	0	20.05	20.20	20.04	21.5	2
10	64QAM	1	25	20.05	20.23	20.04		
10	64QAM	1	49	20.12	20.18	20.13		
10	64QAM	25	0	18.92	19.05	19.08	20.5	3
10	64QAM	25	12	19.04	19.13	18.96		
10	64QAM	25	25	19.05	19.12	19.04		
10	64QAM	50	0	18.96	18.95	18.91		
10	256QAM	1	0	17.00	17.14	16.92	18.5	5
10	256QAM	1	25	16.84	17.14	16.90		
10	256QAM	1	49	17.06	17.11	17.01		
10	256QAM	25	0	16.88	17.03	16.88	18.5	5
10	256QAM	25	12	16.89	17.13	16.86		
10	256QAM	25	25	16.92	17.07	16.91		
10	256QAM	50	0	16.85	17.11	16.96		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.09	21.99	21.90	23.5	0
5	QPSK	1	12	22.17	22.07	22.20		
5	QPSK	1	24	22.09	22.09	22.17		
5	QPSK	12	0	21.15	21.07	21.25	22.5	1
5	QPSK	12	7	21.11	20.98	21.20		
5	QPSK	12	13	21.25	21.08	21.19		
5	QPSK	25	0	21.19	20.97	21.12		
5	16QAM	1	0	21.20	21.28	21.08	22.5	1
5	16QAM	1	12	21.10	21.25	21.13		
5	16QAM	1	24	21.14	21.30	21.13		
5	16QAM	12	0	19.94	20.06	19.90	21.5	2
5	16QAM	12	7	19.92	20.05	19.94		
5	16QAM	12	13	20.03	20.22	20.00		
5	16QAM	25	0	19.96	20.05	19.92		
5	64QAM	1	0	19.96	20.18	20.13	21.5	2
5	64QAM	1	12	20.04	20.17	20.02		
5	64QAM	1	24	20.08	20.13	20.10		
5	64QAM	12	0	18.99	19.10	19.11	20.5	3
5	64QAM	12	7	19.06	19.09	18.99		
5	64QAM	12	13	19.05	19.12	18.98		
5	64QAM	25	0	18.90	18.95	18.91		
5	256QAM	1	0	16.90	17.12	16.92	18.5	5
5	256QAM	1	12	16.86	17.10	16.94		
5	256QAM	1	24	17.09	17.15	16.97		
5	256QAM	12	0	16.87	17.08	16.89	18.5	5
5	256QAM	12	7	16.93	17.10	16.92		
5	256QAM	12	13	16.96	17.03	16.94		
5	256QAM	25	0	16.91	17.02	16.90		

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.94	24.06	24.04	25	0
20	QPSK	1	49	23.86	24.03	24.02		
20	QPSK	1	99	23.91	23.95	23.94		
20	QPSK	50	0	23.87	23.95	23.91	24	1
20	QPSK	50	24	23.82	23.88	23.83		
20	QPSK	50	50	23.81	23.90	23.86		
20	QPSK	100	0	23.89	23.97	23.95		
20	16QAM	1	0	23.89	23.91	23.82	24	1
20	16QAM	1	49	23.77	23.93	23.89		
20	16QAM	1	99	23.71	23.89	23.87		
20	16QAM	50	0	22.66	22.85	22.74	23	2
20	16QAM	50	24	22.69	22.86	22.84		
20	16QAM	50	50	22.78	22.93	22.86		
20	16QAM	100	0	22.65	22.82	22.71		
20	64QAM	1	0	22.76	22.93	22.92	23	2
20	64QAM	1	49	22.77	22.92	22.90		
20	64QAM	1	99	22.69	22.87	22.79		
20	64QAM	50	0	21.66	21.86	21.78	22	3
20	64QAM	50	24	21.64	21.82	21.79		
20	64QAM	50	50	21.72	21.88	21.84		
20	64QAM	100	0	21.67	21.83	21.78		
20	256QAM	1	0	18.70	18.93	18.76	20	5
20	256QAM	1	49	18.63	18.84	18.70		
20	256QAM	1	99	18.79	18.96	18.80		
20	256QAM	50	0	18.73	18.93	18.81	20	5
20	256QAM	50	24	18.76	18.93	18.75		
20	256QAM	50	50	18.71	18.92	18.72		
20	256QAM	100	0	18.70	18.93	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.85	23.89	23.88	25	0
15	QPSK	1	37	23.74	23.85	23.72		
15	QPSK	1	74	23.79	23.82	23.70		
15	QPSK	36	0	23.82	23.74	23.82	24	1
15	QPSK	36	20	23.77	23.83	23.90		
15	QPSK	36	39	23.76	23.77	23.91		
15	QPSK	75	0	23.83	23.72	23.92		
15	16QAM	1	0	23.78	23.78	23.63	24	1
15	16QAM	1	37	23.67	23.86	23.73		
15	16QAM	1	74	23.71	23.78	23.74		
15	16QAM	36	0	22.66	22.70	22.61	23	2
15	16QAM	36	20	22.64	22.75	22.73		
15	16QAM	36	39	22.77	22.84	22.65		
15	16QAM	75	0	22.61	22.67	22.51		
15	64QAM	1	0	22.76	22.82	22.76	23	2
15	64QAM	1	37	22.70	22.83	22.78		
15	64QAM	1	74	22.69	22.82	22.62		
15	64QAM	36	0	21.59	21.75	21.57	22	3
15	64QAM	36	20	21.54	21.75	21.63		
15	64QAM	36	39	21.61	21.77	21.72		
15	64QAM	75	0	21.60	21.78	21.59		
15	256QAM	1	0	18.59	18.82	18.61	20	5
15	256QAM	1	37	18.63	18.73	18.51		
15	256QAM	1	74	18.69	18.90	18.63		
15	256QAM	36	0	18.68	18.77	18.70	20	5
15	256QAM	36	20	18.68	18.85	18.60		
15	256QAM	36	39	18.61	18.79	18.57		
15	256QAM	75	0	18.66	18.85	18.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.82	23.88	23.83	25	0
10	QPSK	1	25	23.78	23.81	23.90		
10	QPSK	1	49	23.82	23.82	23.89		
10	QPSK	25	0	23.74	23.78	23.93	24	1
10	QPSK	25	12	23.68	23.79	23.88		
10	QPSK	25	25	23.77	23.85	23.90		
10	QPSK	50	0	23.80	23.75	23.88		
10	16QAM	1	0	23.80	23.85	23.68	24	1
10	16QAM	1	25	23.66	23.80	23.68		
10	16QAM	1	49	23.71	23.77	23.68		
10	16QAM	25	0	22.63	22.70	22.54	23	2
10	16QAM	25	12	22.60	22.79	22.73		
10	16QAM	25	25	22.71	22.85	22.74		
10	16QAM	50	0	22.54	22.76	22.60		
10	64QAM	1	0	22.68	22.85	22.79	23	2
10	64QAM	1	25	22.74	22.78	22.75		
10	64QAM	1	49	22.65	22.76	22.67		
10	64QAM	25	0	21.61	21.75	21.59	22	3
10	64QAM	25	12	21.56	21.70	21.64		
10	64QAM	25	25	21.71	21.75	21.64		
10	64QAM	50	0	21.62	21.75	21.59		
10	256QAM	1	0	18.63	18.77	18.63	20	5
10	256QAM	1	25	18.55	18.79	18.58		
10	256QAM	1	49	18.69	18.86	18.67		
10	256QAM	25	0	18.62	18.85	18.66	20	5
10	256QAM	25	12	18.72	18.79	18.59		
10	256QAM	25	25	18.69	18.87	18.58		
10	256QAM	50	0	18.66	18.82	18.64		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.83	23.89	23.86	25	0
5	QPSK	1	12	23.80	23.85	23.86		
5	QPSK	1	24	23.76	23.76	23.85		
5	QPSK	12	0	23.73	23.70	23.91	24	1
5	QPSK	12	7	23.71	23.75	23.87		
5	QPSK	12	13	23.76	23.84	23.85		
5	QPSK	25	0	23.75	23.78	23.90		
5	16QAM	1	0	23.75	23.86	23.68	24	1
5	16QAM	1	12	23.74	23.77	23.70		
5	16QAM	1	24	23.62	23.80	23.76		
5	16QAM	12	0	22.57	22.69	22.62	23	2
5	16QAM	12	7	22.61	22.75	22.68		
5	16QAM	12	13	22.69	22.87	22.71		
5	16QAM	25	0	22.59	22.69	22.56		
5	64QAM	1	0	22.68	22.78	22.82	23	2
5	64QAM	1	12	22.74	22.85	22.79		
5	64QAM	1	24	22.69	22.80	22.80		
5	64QAM	12	0	21.65	21.76	21.64	22	3
5	64QAM	12	7	21.61	21.76	21.66		
5	64QAM	12	13	21.66	21.79	21.68		
5	64QAM	25	0	21.58	21.71	21.67		
5	256QAM	1	0	18.60	18.85	18.65	20	5
5	256QAM	1	12	18.52	18.69	18.52		
5	256QAM	1	24	18.76	18.83	18.67		
5	256QAM	12	0	18.70	18.88	18.66	20	5
5	256QAM	12	7	18.72	18.86	18.57		
5	256QAM	12	13	18.71	18.86	18.59		
5	256QAM	25	0	18.60	18.77	18.63		

Reduced power level for WWAN-ENDC

DSI 0

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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.50	24.59	24.53	25	0
20	QPSK	1	49	24.52	24.58	24.48		
20	QPSK	1	99	24.50	24.55	24.41		
20	QPSK	50	0	23.57	23.62	23.50	24	1
20	QPSK	50	24	23.51	23.54	23.45		
20	QPSK	50	50	23.54	23.53	23.44		
20	QPSK	100	0	23.44	23.51	23.37		
20	16QAM	1	0	23.42	23.62	23.42	24	1
20	16QAM	1	49	23.51	23.66	23.53		
20	16QAM	1	99	23.39	23.59	23.38		
20	16QAM	50	0	22.42	22.58	22.32	23	2
20	16QAM	50	24	22.30	22.48	22.18		
20	16QAM	50	50	22.25	22.51	22.24		
20	16QAM	100	0	22.27	22.53	22.30		
20	64QAM	1	0	22.35	22.58	22.33	23	2
20	64QAM	1	49	22.31	22.56	22.26		
20	64QAM	1	99	22.30	22.51	22.28		
20	64QAM	50	0	21.43	21.58	21.37	22	3
20	64QAM	50	24	21.27	21.43	21.15		
20	64QAM	50	50	21.36	21.52	21.32		
20	64QAM	100	0	21.32	21.49	21.18		
20	256QAM	1	0	19.19	19.43	19.14	20	5
20	256QAM	1	49	19.20	19.46	19.26		
20	256QAM	1	99	19.23	19.42	19.16		
20	256QAM	50	0	19.34	19.53	19.22		
20	256QAM	50	24	19.22	19.43	19.15	20	5
20	256QAM	50	50	19.21	19.47	19.19		
20	256QAM	100	0	19.25	19.48	19.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.47	24.38	24.37	25	0
15	QPSK	1	37	24.36	24.51	24.43		
15	QPSK	1	74	24.41	24.47	24.26		
15	QPSK	36	0	23.39	23.53	23.35	24	1
15	QPSK	36	20	23.39	23.45	23.32		
15	QPSK	36	39	23.41	23.37	23.39		
15	QPSK	75	0	23.30	23.40	23.27		
15	16QAM	1	0	23.35	23.46	23.33	24	1
15	16QAM	1	37	23.36	23.54	23.32		
15	16QAM	1	74	23.32	23.46	23.24		
15	16QAM	36	0	22.29	22.52	22.21	23	2
15	16QAM	36	20	22.16	22.40	22.02		
15	16QAM	36	39	22.18	22.35	22.11		
15	16QAM	75	0	22.16	22.40	22.25		
15	64QAM	1	0	22.28	22.43	22.27	23	2
15	64QAM	1	37	22.22	22.50	22.14		
15	64QAM	1	74	22.20	22.37	22.13		
15	64QAM	36	0	21.38	21.46	21.21	22	3
15	64QAM	36	20	21.17	21.35	21.05		
15	64QAM	36	39	21.22	21.45	21.21		
15	64QAM	75	0	21.24	21.43	21.05		
15	256QAM	1	0	19.13	19.30	19.06	20	5
15	256QAM	1	37	19.15	19.41	19.14		
15	256QAM	1	74	19.14	19.30	19.02		
15	256QAM	36	0	19.22	19.38	19.10	20	5
15	256QAM	36	20	19.12	19.35	19.05		
15	256QAM	36	39	19.08	19.37	19.13		
15	256QAM	75	0	19.12	19.43	19.10		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.48	24.46	24.37	25	0
10	QPSK	1	25	24.38	24.52	24.42		
10	QPSK	1	49	24.40	24.46	24.30		
10	QPSK	25	0	23.34	23.57	23.39	24	1
10	QPSK	25	12	23.41	23.42	23.33		
10	QPSK	25	25	23.44	23.40	23.37		
10	QPSK	50	0	23.34	23.42	23.24		
10	16QAM	1	0	23.32	23.46	23.32	24	1
10	16QAM	1	25	23.44	23.57	23.40		
10	16QAM	1	49	23.24	23.44	23.24		
10	16QAM	25	0	22.37	22.53	22.27	23	2
10	16QAM	25	12	22.25	22.42	22.09		
10	16QAM	25	25	22.15	22.42	22.16		
10	16QAM	50	0	22.17	22.41	22.23		
10	64QAM	1	0	22.20	22.46	22.21	23	2
10	64QAM	1	25	22.25	22.45	22.12		
10	64QAM	1	49	22.21	22.45	22.18		
10	64QAM	25	0	21.35	21.50	21.30	22	3
10	64QAM	25	12	21.12	21.28	21.01		
10	64QAM	25	25	21.27	21.40	21.22		
10	64QAM	50	0	21.25	21.39	21.07		
10	256QAM	1	0	19.12	19.36	19.02	20	5
10	256QAM	1	25	19.15	19.31	19.21		
10	256QAM	1	49	19.13	19.27	19.07		
10	256QAM	25	0	19.24	19.44	19.14	20	5
10	256QAM	25	12	19.07	19.29	19.10		
10	256QAM	25	25	19.08	19.35	19.12		
10	256QAM	50	0	19.12	19.36	19.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.39	24.39	24.47	25	0
5	QPSK	1	12	24.40	24.43	24.42		
5	QPSK	1	24	24.47	24.49	24.26		
5	QPSK	12	0	23.41	23.50	23.36	24	1
5	QPSK	12	7	23.43	23.47	23.30		
5	QPSK	12	13	23.43	23.47	23.33		
5	QPSK	25	0	23.40	23.46	23.31		
5	16QAM	1	0	23.32	23.46	23.28	24	1
5	16QAM	1	12	23.37	23.58	23.36		
5	16QAM	1	24	23.25	23.52	23.30		
5	16QAM	12	0	22.27	22.49	22.24	23	2
5	16QAM	12	7	22.21	22.35	22.03		
5	16QAM	12	13	22.11	22.36	22.11		
5	16QAM	25	0	22.12	22.47	22.20		
5	64QAM	1	0	22.27	22.50	22.22	23	2
5	64QAM	1	12	22.17	22.45	22.20		
5	64QAM	1	24	22.14	22.43	22.23		
5	64QAM	12	0	21.29	21.45	21.23	22	3
5	64QAM	12	7	21.21	21.36	20.99		
5	64QAM	12	13	21.29	21.42	21.20		
5	64QAM	25	0	21.26	21.41	21.08		
5	256QAM	1	0	19.12	19.30	19.09	20	5
5	256QAM	1	12	19.08	19.37	19.12		
5	256QAM	1	24	19.14	19.26	19.03		
5	256QAM	12	0	19.23	19.44	19.14	20	5
5	256QAM	12	7	19.16	19.27	19.09		
5	256QAM	12	13	19.09	19.32	19.05		
5	256QAM	25	0	19.16	19.39	19.14		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.39	24.41	24.40	25	0
3	QPSK	1	8	24.42	24.49	24.34		
3	QPSK	1	14	24.43	24.46	24.28		
3	QPSK	8	0	23.35	23.56	23.40	24	1
3	QPSK	8	4	23.36	23.41	23.30		
3	QPSK	8	7	23.40	23.48	23.33		
3	QPSK	15	0	23.35	23.43	23.28		
3	16QAM	1	0	23.28	23.46	23.32	24	1
3	16QAM	1	8	23.42	23.55	23.37		
3	16QAM	1	14	23.31	23.52	23.33		
3	16QAM	8	0	22.26	22.51	22.19	23	2
3	16QAM	8	4	22.24	22.35	22.11		
3	16QAM	8	7	22.19	22.45	22.18		
3	16QAM	15	0	22.18	22.44	22.25		
3	64QAM	1	0	22.28	22.48	22.18	23	2
3	64QAM	1	8	22.19	22.48	22.18		
3	64QAM	1	14	22.25	22.45	22.23		
3	64QAM	8	0	21.31	21.49	21.27	22	3
3	64QAM	8	4	21.12	21.35	21.08		
3	64QAM	8	7	21.22	21.37	21.26		
3	64QAM	15	0	21.26	21.39	21.02		
3	256QAM	1	0	19.03	19.34	19.07	20	5
3	256QAM	1	8	19.09	19.33	19.12		
3	256QAM	1	14	19.07	19.34	19.01		
3	256QAM	8	0	19.23	19.48	19.15	20	5
3	256QAM	8	4	19.14	19.33	19.07		
3	256QAM	8	7	19.11	19.33	19.11		
3	256QAM	15	0	19.10	19.39	19.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.49	24.39	24.43	25	0
1.4	QPSK	1	3	24.44	24.53	24.39		
1.4	QPSK	1	5	24.43	24.43	24.31		
1.4	QPSK	3	0	23.81	24.03	23.91		
1.4	QPSK	3	1	23.85	23.95	23.90		
1.4	QPSK	3	3	23.94	23.96	23.80		
1.4	QPSK	6	0	23.37	23.35	23.31	24	1
1.4	16QAM	1	0	23.31	23.46	23.35	24	1
1.4	16QAM	1	3	23.40	23.54	23.40		
1.4	16QAM	1	5	23.34	23.53	23.23		
1.4	16QAM	3	0	22.80	22.93	22.76		
1.4	16QAM	3	1	22.75	22.86	22.56		
1.4	16QAM	3	3	22.62	22.88	22.60		
1.4	16QAM	6	0	22.14	22.43	22.16	23	2
1.4	64QAM	1	0	22.19	22.42	22.22	23	2
1.4	64QAM	1	3	22.22	22.44	22.22		
1.4	64QAM	1	5	22.15	22.39	22.22		
1.4	64QAM	3	0	21.77	21.94	21.76		
1.4	64QAM	3	1	21.68	21.84	21.58		
1.4	64QAM	3	3	21.78	21.95	21.77		
1.4	64QAM	6	0	21.24	21.40	21.04	22	3
1.4	256QAM	1	0	19.09	19.27	19.07	20	5
1.4	256QAM	1	3	19.06	19.34	19.18		
1.4	256QAM	1	5	19.10	19.30	19.02		
1.4	256QAM	3	0	19.26	19.37	19.12		
1.4	256QAM	3	1	19.07	19.33	19.06		
1.4	256QAM	3	3	19.07	19.37	19.08		
1.4	256QAM	6	0	19.13	19.36	19.09	20	5

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.14	16.15	16.08	16.5	0
20	QPSK	1	49	16.09	16.02	16.04		
20	QPSK	1	99	16.04	16.05	15.99		
20	QPSK	50	0	16.02	16.10	16.04	16.5	0
20	QPSK	50	24	16.03	16.04	16.08		
20	QPSK	50	50	16.08	16.05	16.02		
20	QPSK	100	0	16.05	16.07	16.05		
20	16QAM	1	0	16.12	16.01	16.10	16.5	0
20	16QAM	1	49	16.08	16.08	16.08		
20	16QAM	1	99	16.13	16.10	16.01		
20	16QAM	50	0	16.01	16.07	15.98	16.5	0
20	16QAM	50	24	16.02	15.99	16.04		
20	16QAM	50	50	16.10	16.11	16.04		
20	16QAM	100	0	16.06	16.10	16.02		
20	64QAM	1	0	16.03	16.08	16.12	16.5	0
20	64QAM	1	49	16.12	16.13	16.10		
20	64QAM	1	99	16.11	16.01	16.03		
20	64QAM	50	0	15.99	16.07	16.07	16.5	0
20	64QAM	50	24	16.06	16.03	16.03		
20	64QAM	50	50	16.11	16.12	16.06		
20	64QAM	100	0	16.03	16.11	16.04		
20	256QAM	1	0	16.05	15.92	15.93	16.5	0
20	256QAM	1	49	15.94	16.12	16.03		
20	256QAM	1	99	15.84	15.96	15.86		
20	256QAM	50	0	15.99	16.05	16.06		
20	256QAM	50	24	16.05	16.04	16.03		
20	256QAM	50	50	16.12	16.08	16.05		
20	256QAM	100	0	16.08	16.09	16.04		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.06	16.07	16.03	16.5	0
15	QPSK	1	37	16.02	15.85	15.98		
15	QPSK	1	74	15.97	16.01	15.93		
15	QPSK	36	0	15.83	15.91	15.90	16.5	0
15	QPSK	36	20	15.99	15.97	15.94		
15	QPSK	36	39	15.96	16.05	15.94		
15	QPSK	75	0	15.99	15.99	15.86		
15	16QAM	1	0	16.06	15.97	16.01	16.5	0
15	16QAM	1	37	15.93	16.06	15.97		
15	16QAM	1	74	16.01	16.00	15.81		
15	16QAM	36	0	15.91	16.01	15.90	16.5	0
15	16QAM	36	20	15.99	15.92	15.86		
15	16QAM	36	39	16.08	15.98	15.92		
15	16QAM	75	0	15.92	16.10	16.02		
15	64QAM	1	0	15.92	15.93	15.94	16.5	0
15	64QAM	1	37	16.00	16.01	15.91		
15	64QAM	1	74	16.04	16.06	15.86		
15	64QAM	36	0	15.97	15.97	15.90	16.5	0
15	64QAM	36	20	15.86	15.97	15.94		
15	64QAM	36	39	16.06	15.98	15.94		
15	64QAM	75	0	15.85	15.93	16.00		
15	256QAM	1	0	16.05	15.88	15.79	16.5	0
15	256QAM	1	37	15.85	16.08	15.90		
15	256QAM	1	74	15.67	15.82	15.67		
15	256QAM	36	0	15.94	16.08	16.03	16.5	0
15	256QAM	36	20	16.00	16.02	15.83		
15	256QAM	36	39	16.05	16.06	15.98		
15	256QAM	75	0	15.91	16.00	16.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.95	16.11	15.92	16.5	0
10	QPSK	1	25	15.99	15.98	15.95		
10	QPSK	1	49	15.87	16.01	15.92		
10	QPSK	25	0	15.88	15.98	15.91	16.5	0
10	QPSK	25	12	15.85	15.93	15.97		
10	QPSK	25	25	15.95	15.94	15.96		
10	QPSK	50	0	15.94	15.94	15.93		
10	16QAM	1	0	16.01	15.85	15.96	16.5	0
10	16QAM	1	25	15.96	15.95	15.88		
10	16QAM	1	49	16.03	15.94	15.97		
10	16QAM	25	0	15.86	16.01	15.93	16.5	0
10	16QAM	25	12	15.95	15.88	16.03		
10	16QAM	25	25	15.98	16.05	15.87		
10	16QAM	50	0	15.90	15.94	15.91		
10	64QAM	1	0	15.83	15.88	16.02	16.5	0
10	64QAM	1	25	16.11	16.01	16.02		
10	64QAM	1	49	16.05	15.99	15.93		
10	64QAM	25	0	15.99	15.97	15.88	16.5	0
10	64QAM	25	12	15.92	16.00	15.92		
10	64QAM	25	25	16.07	15.95	15.90		
10	64QAM	50	0	15.92	15.98	15.99		
10	256QAM	1	0	15.96	15.86	15.87	16.5	0
10	256QAM	1	25	15.84	15.96	15.85		
10	256QAM	1	49	15.74	15.99	15.97		
10	256QAM	25	0	15.79	15.99	15.98	16.5	0
10	256QAM	25	12	15.94	15.90	16.02		
10	256QAM	25	25	15.98	15.94	15.87		
10	256QAM	50	0	16.08	15.94	15.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.04	16.02	15.90	16.5	0
5	QPSK	1	12	16.08	15.90	15.87		
5	QPSK	1	24	16.00	15.98	16.01		
5	QPSK	12	0	16.02	15.91	16.04	16.5	0
5	QPSK	12	7	15.89	16.03	15.99		
5	QPSK	12	13	15.99	16.03	15.99		
5	QPSK	25	0	15.98	16.03	16.05		
5	16QAM	1	0	15.99	15.81	16.03	16.5	0
5	16QAM	1	12	15.89	15.99	16.04		
5	16QAM	1	24	16.13	16.05	15.82		
5	16QAM	12	0	15.94	15.94	15.95	16.5	0
5	16QAM	12	7	15.91	15.99	16.03		
5	16QAM	12	13	16.10	16.04	15.83		
5	16QAM	25	0	15.94	16.03	15.95		
5	64QAM	1	0	15.92	15.99	15.92	16.5	0
5	64QAM	1	12	16.05	15.94	15.91		
5	64QAM	1	24	16.02	16.01	15.90		
5	64QAM	12	0	15.94	15.88	15.90	16.5	0
5	64QAM	12	7	15.94	15.92	15.94		
5	64QAM	12	13	15.97	15.98	15.94		
5	64QAM	25	0	15.99	16.03	15.96		
5	256QAM	1	0	15.96	15.78	15.90	16.5	0
5	256QAM	1	12	15.94	15.92	15.86		
5	256QAM	1	24	15.64	15.92	15.84		
5	256QAM	12	0	15.92	15.98	15.86	16.5	0
5	256QAM	12	7	15.90	15.84	15.87		
5	256QAM	12	13	16.07	15.97	15.95		
5	256QAM	25	0	15.96	16.03	15.89		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.94	16.13	15.94	16.5	0
3	QPSK	1	8	16.03	15.96	15.99		
3	QPSK	1	14	15.97	15.96	15.83		
3	QPSK	8	0	15.82	15.98	15.99	16.5	0
3	QPSK	8	4	15.94	16.03	15.89		
3	QPSK	8	7	16.02	16.04	16.02		
3	QPSK	15	0	15.97	15.95	15.94		
3	16QAM	1	0	15.92	15.99	16.09	16.5	0
3	16QAM	1	8	16.00	16.07	15.96		
3	16QAM	1	14	16.12	16.08	15.93		
3	16QAM	8	0	15.96	15.95	15.79	16.5	0
3	16QAM	8	4	15.91	15.96	15.92		
3	16QAM	8	7	16.02	15.98	15.89		
3	16QAM	15	0	15.99	16.04	15.97		
3	64QAM	1	0	16.00	16.08	16.12	16.5	0
3	64QAM	1	8	15.95	15.99	16.07		
3	64QAM	1	14	15.98	15.90	15.91		
3	64QAM	8	0	15.88	15.87	15.93	16.5	0
3	64QAM	8	4	16.05	15.92	15.93		
3	64QAM	8	7	16.11	16.02	16.06		
3	64QAM	15	0	16.00	16.00	15.95		
3	256QAM	1	0	15.96	15.80	15.74	16.5	0
3	256QAM	1	8	15.82	15.88	15.83		
3	256QAM	1	14	15.67	15.82	15.73		
3	256QAM	8	0	15.94	16.05	15.98	16.5	0
3	256QAM	8	4	15.97	15.91	15.89		
3	256QAM	8	7	16.03	16.05	15.96		
3	256QAM	15	0	15.98	15.98	15.87		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.95	16.11	15.99	16.5	0
1.4	QPSK	1	3	15.99	15.87	15.96		
1.4	QPSK	1	5	15.85	15.99	15.95		
1.4	QPSK	3	0	15.95	15.96	15.95		
1.4	QPSK	3	1	15.92	15.91	15.98		
1.4	QPSK	3	3	15.97	16.04	15.88		
1.4	QPSK	6	0	15.95	15.91	15.94	15.5	1
1.4	16QAM	1	0	16.00	15.92	16.06	15.5	1
1.4	16QAM	1	3	15.86	16.01	15.95		
1.4	16QAM	1	5	15.93	16.08	15.94		
1.4	16QAM	3	0	16.01	16.06	15.95		
1.4	16QAM	3	1	15.99	15.85	15.89		
1.4	16QAM	3	3	16.02	15.96	15.84		
1.4	16QAM	6	0	16.04	15.95	15.98	14.5	2
1.4	64QAM	1	0	15.97	15.99	15.98	14.5	2
1.4	64QAM	1	3	16.12	15.95	16.09		
1.4	64QAM	1	5	15.94	15.83	15.98		
1.4	64QAM	3	0	15.98	16.02	16.05		
1.4	64QAM	3	1	15.92	15.85	15.86		
1.4	64QAM	3	3	15.91	16.11	15.98		
1.4	64QAM	6	0	15.94	15.97	15.98	13.5	3
1.4	256QAM	1	0	15.91	15.82	15.77	11.5	5
1.4	256QAM	1	3	15.89	15.95	15.93		
1.4	256QAM	1	5	15.71	15.79	15.73		
1.4	256QAM	3	0	15.90	15.92	16.06		
1.4	256QAM	3	1	15.94	16.00	15.84		
1.4	256QAM	3	3	16.03	16.03	15.99		
1.4	256QAM	6	0	16.07	15.95	16.01	11.5	5

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.34	23.36	23.25	24	0
20	QPSK	1	49	23.20	23.22	23.18		
20	QPSK	1	99	23.12	23.15	22.89		
20	QPSK	50	0	22.26	22.29	22.18	23	1
20	QPSK	50	24	22.19	22.20	22.16		
20	QPSK	50	50	22.18	22.23	22.09		
20	QPSK	100	0	22.23	22.26	22.12		
20	16QAM	1	0	22.28	22.43	22.37	23	1
20	16QAM	1	49	22.16	22.32	22.24		
20	16QAM	1	99	22.10	22.20	22.12		
20	16QAM	50	0	21.00	21.13	20.99	22	2
20	16QA

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.56	14.70	14.55		
20	QPSK	1	49	14.55	14.59	14.53	16	0
20	QPSK	1	99	14.55	14.52	14.53		
20	QPSK	50	0	14.60	14.61	14.54		
20	QPSK	50	24	14.60	14.54	14.50	16	0
20	QPSK	50	50	14.56	14.58	14.53		
20	QPSK	100	0	14.50	14.55	14.52		
20	16QAM	1	0	14.53	14.54	14.55		
20	16QAM	1	49	14.50	14.45	14.47	16	0
20	16QAM	1	99	14.53	14.56	14.57		
20	16QAM	50	0	14.52	14.51	14.53		
20	16QAM	50	24	14.59	14.57	14.55	16	0
20	16QAM	50	50	14.51	14.54	14.49		
20	16QAM	100	0	14.60	14.64	14.63		
20	64QAM	1	0	14.55	14.54	14.51		
20	64QAM	1	49	14.56	14.58	14.57	16	0
20	64QAM	1	99	14.50	14.50	14.50		
20	64QAM	50	0	14.51	14.54	14.50		
20	64QAM	50	24	14.57	14.53	14.52	16	0
20	64QAM	50	50	14.60	14.53	14.53		
20	64QAM	100	0	14.56	14.55	14.55		
20	256QAM	1	0	14.65	14.60	14.60		
20	256QAM	1	49	14.61	14.55	14.55	16	0
20	256QAM	1	99	14.63	14.57	14.60		
20	256QAM	50	0	14.58	14.51	14.55		
20	256QAM	50	24	14.54	14.53	14.55	16	0
20	256QAM	50	50	14.54	14.60	14.54		
20	256QAM	100	0	14.55	14.54	14.53		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.46	14.52	14.39		
15	QPSK	1	37	14.45	14.40	14.42	16	0
15	QPSK	1	74	14.41	14.41	14.37		
15	QPSK	36	0	14.42	14.47	14.41		
15	QPSK	36	20	14.42	14.45	14.38	16	0
15	QPSK	36	39	14.45	14.48	14.45		
15	QPSK	75	0	14.37	14.35	14.38		
15	16QAM	1	0	14.33	14.42	14.38		
15	16QAM	1	37	14.38	14.32	14.35	16	0
15	16QAM	1	74	14.46	14.41	14.42		
15	16QAM	36	0	14.33	14.31	14.43		
15	16QAM	36	20	14.41	14.40	14.45	16	0
15	16QAM	36	39	14.34	14.37	14.30		
15	16QAM	75	0	14.53	14.53	14.44		
15	64QAM	1	0	14.46	14.46	14.36		
15	64QAM	1	37	14.42	14.44	14.45	16	0
15	64QAM	1	74	14.42	14.40	14.32		
15	64QAM	36	0	14.45	14.39	14.35		
15	64QAM	36	20	14.46	14.44	14.42	16	0
15	64QAM	36	39	14.49	14.42	14.42		
15	64QAM	75	0	14.36	14.45	14.35		
15	256QAM	1	0	14.56	14.54	14.43		
15	256QAM	1	37	14.48	14.49	14.35	16	0
15	256QAM	1	74	14.48	14.45	14.43		
15	256QAM	36	0	14.45	14.43	14.39		
15	256QAM	36	20	14.37	14.40	14.41	16	0
15	256QAM	36	39	14.40	14.49	14.42		
15	256QAM	75	0	14.39	14.43	14.43		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.51	14.55	14.46		
10	QPSK	1	25	14.38	14.49	14.48	16	0
10	QPSK	1	49	14.38	14.33	14.48		
10	QPSK	25	0	14.48	14.46	14.48		
10	QPSK	25	12	14.36	14.40	14.31	16	0
10	QPSK	25	25	14.42	14.47	14.41		
10	QPSK	50	0	14.36	14.48	14.42		
10	16QAM	1	0	14.45	14.39	14.46		
10	16QAM	1	25	14.43	14.33	14.28	16	0
10	16QAM	1	49	14.36	14.44	14.39		
10	16QAM	25	0	14.40	14.40	14.46		
10	16QAM	25	12	14.49	14.43	14.40	16	0
10	16QAM	25	25	14.38	14.43	14.44		
10	16QAM	50	0	14.44	14.45	14.45		
10	64QAM	1	0	14.48	14.47	14.38		
10	64QAM	1	25	14.43	14.39	14.42	16	0
10	64QAM	1	49	14.40	14.42	14.42		
10	64QAM	25	0	14.40	14.35	14.43		
10	64QAM	25	12	14.43	14.37	14.38	16	0
10	64QAM	25	25	14.50	14.48	14.42		
10	64QAM	50	0	14.41	14.41	14.35		
10	256QAM	1	0	14.49	14.52	14.50		
10	256QAM	1	25	14.54	14.39	14.48	16	0
10	256QAM	1	49	14.52	14.44	14.53		
10	256QAM	25	0	14.41	14.45	14.35		
10	256QAM	25	12	14.42	14.36	14.37	16	0
10	256QAM	25	25	14.41	14.45	14.46		
10	256QAM	50	0	14.35	14.39	14.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.40	14.61	14.50		
5	QPSK	1	12	14.44	14.43	14.43	16	0
5	QPSK	1	24	14.41	14.46	14.46		
5	QPSK	12	0	14.46	14.47	14.43		
5	QPSK	12	7	14.36	14.43	14.30	16	0
5	QPSK	12	13	14.47	14.41	14.45		
5	QPSK	25	0	14.45	14.41	14.38		
5	16QAM	1	0	14.47	14.46	14.48		
5	16QAM	1	12	14.39	14.32	14.33	16	0
5	16QAM	1	24	14.34	14.40	14.40		
5	16QAM	12	0	14.37	14.40	14.45		
5	16QAM	12	7	14.54	14.44	14.41	16	0
5	16QAM	12	13	14.46	14.38	14.31		
5	16QAM	25	0	14.49	14.55	14.43		
5	64QAM	1	0	14.48	14.44	14.45		
5	64QAM	1	12	14.39	14.47	14.46	16	0
5	64QAM	1	24	14.31	14.37	14.30		
5	64QAM	12	0	14.38	14.45	14.33		
5	64QAM	12	7	14.38	14.41	14.37	16	0
5	64QAM	12	13	14.44	14.33	14.35		
5	64QAM	25	0	14.42	14.46	14.35		
5	256QAM	1	0	14.59	14.46	14.40		
5	256QAM	1	12	14.49	14.35	14.42	16	0
5	256QAM	1	24	14.46	14.52	14.42		
5	256QAM	12	0	14.40	14.37	14.42		
5	256QAM	12	7	14.38	14.34	14.38	16	0
5	256QAM	12	13	14.35	14.41	14.44		
5	256QAM	25	0	14.44	14.48	14.37		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.54	13.65	13.57		
20	QPSK	1	49	13.53	13.54	13.55	14.5	0
20	QPSK	1	99	13.52	13.56	13.53		
20	QPSK	50	0	13.56	13.57	13.56		
20	QPSK	50	24	13.52	13.53	13.52	14.5	0
20	QPSK	50	50	13.53	13.52	13.48		
20	QPSK	100	0	13.49	13.55	13.54		
20	16QAM	1	0	13.60	13.52	13.53		
20	16QAM	1	49	13.56	13.53	13.59	14.5	0
20	16QAM	1	99	13.61	13.63	13.60		
20	16QAM	50	0	13.60	13.57	13.59		
20	16QAM	50	24	13.56	13.52	13.58	14.5	0
20	16QAM	50	50	13.64	13.60	13.60		
20	16QAM	100	0	13.60	13.55	13.60		
20	64QAM	1	0	13.59	13.62	13.59		
20	64QAM	1	49	13.53	13.52	13.53	14.5	0
20	64QAM	1	99	13.55	13.59	13.59		
20	64QAM	50	0	13.53	13.57	13.53		
20	64QAM	50	24	13.58	13.55	13.60	14.5	0
20	64QAM	50	50	13.62	13.59	13.61		
20	64QAM	100	0	13.55	13.55	13.61		
20	256QAM	1	0	13.64	13.63	13.55		
20	256QAM	1	49	13.50	13.57	13.50	14.5	0
20	256QAM	1	99	13.58	13.59	13.57		
20	256QAM	50	0	13.54	13.55	13.58		
20	256QAM	50	24	13.56	13.57	13.60	14.5	0
20	256QAM	50	50	13.57	13.58	13.54		
20	256QAM	100	0	13.60	13.57	13.63		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.47	13.59	13.51		
15	QPSK	1	37	13.48	13.38	13.47	14.5	0
15	QPSK	1	74	13.39	13.47	13.41		
15	QPSK	36	0	13.48	13.41	13.47		
15	QPSK	36	20	13.41	13.39	13.42	14.5	0
15	QPSK	36	39	13.47	13.38	13.30		
15	QPSK	75	0	13.44	13.47	13.35		
15	16QAM	1	0	13.43	13.32	13.38		
15	16QAM	1	37	13.42	13.36	13.47	14.5	0
15	16QAM	1	74	13.46	13.54	13.55		
15	16QAM	36	0	13.50	13.47	13.41		
15	16QAM	36	20	13.47	13.40	13.52	14.5	0
15	16QAM	36	39	13.49	13.50	13.44		
15	16QAM	75	0	13.51	13.44	13.45		
15	64QAM	1	0	13.53	13.50	13.43		
15	64QAM	1	37	13.48	13.38	13.38	14.5	0
15	64QAM	1	74	13.36	13.39	13.42		
15	64QAM	36	0	13.34	13.50	13.40		
15	64QAM	36	20	13.40	13.45	13.46	14.5	0
15	64QAM	36	39	13.55	13.48	13.52		
15	64QAM	75	0	13.43	13.49	13.42		
15	256QAM	1	0	13.56	13.58	13.41		
15	256QAM	1	37	13.45	13.37	13.33	14.5	0
15	256QAM	1	74	13.46	13.52	13.48		
15	256QAM	36	0	13.39	13.43	13.38		
15	256QAM	36	20	13.41	13.37	13.48	14.5	0
15	256QAM	36	39	13.50	13.44	13.40		
15	256QAM	75	0	13.42	13.44	13.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.39	13.60	13.38		
10	QPSK	1	25	13.38	13.36	13.41	14.5	0
10	QPSK	1	49	13.33	13.36	13.36		
10	QPSK	25	0	13.38	13.50	13.51		
10	QPSK	25	12	13.33	13.47	13.34	14.5	0
10	QPSK	25	25	13.46	13.46	13.37		
10	QPSK	50	0	13.38	13.48	13.42		
10	16QAM	1	0	13.47	13.45	13.35		
10	16QAM	1	25	13.44	13.38	13.48	14.5	0
10	16QAM	1	49	13.53	13.50	13.43		
10	16QAM	25	0	13.40	13.47	13.45		
10	16QAM	25	12	13.50	13.40	13.42	14.5	0
10	16QAM	25	25	13.50	13.41	13.49		
10	16QAM	50	0	13.41	13.44	13.51		
10	64QAM	1	0	13.39	13.57	13.52		
10	64QAM	1	25	13.46	13.44	13.33	14.5	0
10	64QAM	1	49	13.40	13.46	13.39		
10	64QAM	25	0	13.40	13.42	13.47		
10	64QAM	25	12	13.47	13.43	13.42	14.5	0
10	64QAM	25	25	13.52	13.40	13.46		
10	64QAM	50	0	13.38	13.45	13.50		
10	256QAM	1	0	13.53	13.54	13.43		
10	256QAM	1	25	13.32	13.47	13.44	14.5	0
10	256QAM	1	49	13.40	13.51	13.45		
10	256QAM	25	0	13.46	13.46	13.46		
10	256QAM	25	12	13.45	13.48	13.51	14.5	0
10	256QAM	25	25	13.42	13.45	13.46		
10	256QAM	50	0	13.41	13.43	13.56		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.39	13.47	13.37		
5	QPSK	1	12	13.46	13.38	13.36	14.5	0
5	QPSK	1	24	13.32	13.48	13.48		
5	QPSK	12	0	13.46	13.41	13.45		
5	QPSK	12	7	13.36	13.33	13.43	14.5	0
5	QPSK	12	13	13.46	13.35	13.35		
5	QPSK	25	0	13.45	13.41	13.43		
5	16QAM	1	0	13.48	13.42	13.41		
5	16QAM	1	12	13.45	13.42	13.48	14.5	0
5	16QAM	1	24	13.47	13.57	13.43		
5	16QAM	12	0	13.43	13.42	13.44		
5	16QAM	12	7	13.43	13.45	13.42	14.5	0
5	16QAM	12	13	13.53	13.48	13.46		
5	16QAM	25	0	13.43	13.47	13.40		
5	64QAM	1	0	13.42	13.50	13.50		
5	64QAM	1	12	13.36	13.41	13.34	14.5	0
5	64QAM	1	24	13.41	13.52	13.46		
5	64QAM	12	0	13.42	13.47	13.33		
5	64QAM	12	7	13.42	13.39	13.52	14.5	0
5	64QAM	12	13	13.57	13.47	13.55		
5	64QAM	25	0	13.48	13.50	13.43		
5	256QAM	1	0	13.51	13.56	13.43		
5	256QAM	1	12	13.42	13.38	13.43	14.5	0
5	256QAM	1	24	13.47	13.42	13.50		
5	256QAM	12	0	13.46	13.45	13.47		
5	256QAM	12	7	13.44	13.43	13.46	14.5	0
5	256QAM	12	13	13.38	13.48	13.44		
5	256QAM	25	0	13.47	13.42	13.47		

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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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.84	22.92	22.82		
20	QPSK	1	49	22.79	22.84	22.80	23	0
20	QPSK	1	99	22.83	22.89	22.81		
20	QPSK	50	0	22.89	22.91	22.84		
20	QPSK	50	24	22.80	22.79	22.77	23	0
20	QPSK	50	50	22.74	22.80	22.76		
20	QPSK	100	0	22.82	22.89	22.84		
20	16QAM	1	0	22.77	22.78	22.84		
20	16QAM	1	49	22.85	22.88	22.82	23	0
20	16QAM	1	99	22.89	22.86	22.84		
20	16QAM	50	0	22.81	22.78	22.76		
20	16QAM	50	24	22.82	22.79	22.78	23	0
20	16QAM	50	50	22.78	22.77	22.76		
20	16QAM	100	0	22.88	22.83	22.88		
20	64QAM	1	0	22.84	22.79	22.85		
20	64QAM	1	49	22.81	22.87	22.84	23	0
20	64QAM	1	99	22.79	22.88	22.83		
20	64QAM	50	0	21.87	21.78	21.82		
20	64QAM	50	24	21.88	21.87	21.83	22	1
20	64QAM	50	50	21.85	21.86	21.86		
20	64QAM	100	0	21.84	21.88	21.83		
20	256QAM	1	0	19.82	19.80	19.77		
20	256QAM	1	49	19.81	19.77	19.85	20	3
20	256QAM	1	99	19.76	19.70	19.80		
20	256QAM	50	0	19.85	19.82	19.83		
20	256QAM	50	24	19.79	19.69	19.81	20	3
20	256QAM	50	50	19.85	19.78	19.85		
20	256QAM	100	0	19.83	19.84	19.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.79	22.87	22.72		
15	QPSK	1	37	22.59	22.77	22.61	23	0
15	QPSK	1	74	22.78	22.84	22.73		
15	QPSK	36	0	22.76	22.83	22.68		
15	QPSK	36	20	22.72	22.69	22.58	23	0
15	QPSK	36	39	22.64	22.69	22.59		
15	QPSK	75	0	22.66	22.81	22.67		
15	16QAM	1	0	22.72	22.69	22.69		
15	16QAM	1	37	22.61	22.78	22.74	23	0
15	16QAM	1	74	22.82	22.72	22.79		
15	16QAM	36	0	22.66	22.73	22.61		
15	16QAM	36	20	22.69	22.71	22.72	23	0
15	16QAM	36	39	22.71	22.64	22.62		
15	16QAM	75	0	22.74	22.78	22.74		
15	64QAM	1	0	22.76	22.63	22.76		
15	64QAM	1	37	22.69	22.68	22.65	23	0
15	64QAM	1	74	22.61	22.68	22.72		
15	64QAM	36	0	21.70	21.62	21.74		
15	64QAM	36	20	21.75	21.75	21.69	22	1
15	64QAM	36	39	21.73	21.72	21.68		
15	64QAM	75	0	21.71	21.69	21.75		
15	256QAM	1	0	19.66	19.68	19.81		
15	256QAM	1	37	19.74	19.66	19.76	20	3
15	256QAM	1	74	19.61	19.54	19.65		
15	256QAM	36	0	19.79	19.66	19.65		
15	256QAM	36	20	19.69	19.50	19.74	20	3
15	256QAM	36	39	19.76	19.61	19.68		
15	256QAM	75	0	19.65	19.67	19.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.74	22.82	22.82		
10	QPSK	1	25	22.73	22.74	22.83	23	0
10	QPSK	1	49	22.64	22.82	22.64		
10	QPSK	25	0	22.64	22.74	22.68		
10	QPSK	25	12	22.65	22.65	22.57	23	0
10	QPSK	25	25	22.55	22.63	22.59		
10	QPSK	50	0	22.64	22.74	22.73		
10	16QAM	1	0	22.81	22.74	22.77		
10	16QAM	1	25	22.82	22.74	22.85	23	0
10	16QAM	1	49	22.78	22.74	22.74		
10	16QAM	25	0	22.65	22.60	22.58		
10	16QAM	25	12	22.78	22.64	22.72	23	0
10	16QAM	25	25	22.65	22.65	22.66		
10	16QAM	50	0	22.70	22.73	22.77		
10	64QAM	1	0	22.76	22.62	22.77		
10	64QAM	1	25	22.69	22.67	22.78	23	0
10	64QAM	1	49	22.68	22.69	22.77		
10	64QAM	25	0	21.71	21.61	21.71		
10	64QAM	25	12	21.75	21.77	21.83	22	1
10	64QAM	25	25	21.72	21.70	21.80		
10	64QAM	50	0	21.75	21.69	21.78		
10	256QAM	1	0	19.63	19.63	19.66		
10	256QAM	1	25	19.68	19.64	19.79	20	3
10	256QAM	1	49	19.66	19.57	19.72		
10	256QAM	25	0	19.70	19.57	19.64		
10	256QAM	25	12	19.61	19.63	19.71	20	3
10	256QAM	25	25	19.76	19.72	19.77		
10	256QAM	50	0	19.68	19.68	19.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.65	22.82	22.67		
5	QPSK	1	12	22.73	22.76	22.83	23	0
5	QPSK	1	24	22.73	22.78	22.73		
5	QPSK	12	0	22.78	22.77	22.69		
5	QPSK	12	7	22.62	22.68	22.71	23	0
5	QPSK	12	13	22.65	22.75	22.63		
5	QPSK	25	0	22.65	22.64	22.73		
5	16QAM	1	0	22.69	22.58	22.72		
5	16QAM	1	12	22.69	22.71	22.73	23	0
5	16QAM	1	24	22.71	22.75	22.79		
5	16QAM	12	0	22.71	22.67	22.60		
5	16QAM	12	7	22.75	22.66	22.70	23	0
5	16QAM	12	13	22.70	22.72	22.59		
5	16QAM	25	0	22.77	22.76	22.81		
5	64QAM	1	0	22.70	22.63	22.70		
5	64QAM	1	12	22.70	22.76	22.73	23	0
5	64QAM	1	24	22.65	22.72	22.64		
5	64QAM	12	0	21.75	21.67	21.67		
5	64QAM	12	7	21.71	21.72	21.69	22	1
5	64QAM	12	13	21.78	21.77	21.70		
5	64QAM	25	0	21.74	21.68	21.74		
5	256QAM	1	0	19.64	19.65	19.59		
5	256QAM	1	12	19.68	19.71	19.82	20	3
5	256QAM	1	24	19.60	19.59	19.60		
5	256QAM	12	0	19.68	19.64	19.66		
5	256QAM	12	7	19.70	19.57	19.74	20	3
5	256QAM	12	13	19.75	19.63	19.66		
5	256QAM	25	0	19.73	19.70	19.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.73	22.78	22.77		
3	QPSK	1	8	22.68	22.71	22.62	23	0
3	QPSK	1	14	22.68	22.72	22.67		
3	QPSK	8	0	22.75	22.86	22.73		
3	QPSK	8	4	22.70	22.74	22.64	23	0
3	QPSK	8	7	22.57	22.61	22.65		
3	QPSK	15	0	22.76	22.83	22.79		
3	16QAM	1	0	22.61	22.70	22.64		
3	16QAM	1	8	22.63	22.81	22.65	23	0
3	16QAM	1	14	22.76	22.76	22.64		
3	16QAM	8	0	22.81	22.65	22.63		
3	16QAM	8	4	22.69	22.74	22.73	23	0
3	16QAM	8	7	22.60	22.60	22.61		
3	16QAM	15	0	22.72	22.63	22.66		
3	64QAM	1	0	22.67	22.64	22.68		
3	64QAM	1	8	22.70	22.79	22.69	23	0
3	64QAM	1	14	22.70	22.78	22.72		
3	64QAM	8	0	21.77	21.64	21.65		
3	64QAM	8	4	21.81	21.82	21.68	22	1
3	64QAM	8	7	21.72	21.73	21.76		
3	64QAM	15	0	21.64	21.78	21.64		
3	256QAM	1	0	19.73	19.69	19.59		
3	256QAM	1	8	19.76	19.57	19.73	20	3
3	256QAM	1	14	19.56	19.52	19.69		
3	256QAM	8	0	19.73	19.59	19.75		
3	256QAM	8	4	19.67	19.54	19.71	20	3
3	256QAM	8	7	19.73	19.66	19.73		
3	256QAM	15	0	19.72	19.70	19.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.79	22.85	22.71		
1.4	QPSK	1	3	22.73	22.76	22.85		
1.4	QPSK	1	5	22.77	22.80	22.71	23	0
1.4	QPSK	3	0	22.77	22.72	22.76		
1.4	QPSK	3	1	22.61	22.63	22.63		
1.4	QPSK	3	3	22.65	22.69	22.62		
1.4	QPSK	6	0	22.67	22.84	22.89	23	0
1.4	16QAM	1	0	22.72	22.67	22.67		
1.4	16QAM	1	3	22.66	22.77	22.62		
1.4	16QAM	1	5	22.70	22.66	22.66	23	0
1.4	16QAM	3	0	22.74	22.72	22.66		
1.4	16QAM	3	1	22.76	22.73	22.66		
1.4	16QAM	3	3	22.65	22.63	22.60		
1.4	16QAM	6	0	22.69	22.78	22.82	23	0
1.4	64QAM	1	0	22.76	22.66	22.79		
1.4	64QAM	1	3	22.63	22.76	22.71		
1.4	64QAM	1	5	22.73	22.73	22.70	23	0
1.4	64QAM	3	0	22.71	22.59	22.62		
1.4	64QAM	3	1	22.53	22.60	22.52		
1.4	64QAM	3	3	22.63	22.62	22.57		
1.4	64QAM	6	0	21.71	21.79	21.85	22	1
1.4	256QAM	1	0	19.66	19.72	19.66		
1.4	256QAM	1	3	19.68	19.72	19.75		
1.4	256QAM	1	5	19.56	19.55	19.68	20	3
1.4	256QAM	3	0	19.69	19.69	19.65		
1.4	256QAM	3	1	19.72	19.56	19.69		
1.4	256QAM	3	3	19.67	19.72	19.77		
1.4	256QAM	6	0	19.77	19.78	19.77	20	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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.34	22.39	22.27		
20	QPSK	1	49	22.24	22.32	22.21	22.5	0
20	QPSK	1	99	22.28	22.35	22.16		
20	QPSK	50	0	22.04	22.37	22.09		
20	QPSK	50	24	22.01	22.30	21.97	22.5	0
20	QPSK	50	50	21.99	22.25	21.90		
20	QPSK	100	0	22.05	22.28	21.98		
20	16QAM	1	0	22.09	22.33	22.13		
20	16QAM	1	49	22.18	22.24	22.09	22.5	0
20	16QAM	1	99	21.86	22.07	22.15		
20	16QAM	50	0	22.28	22.36	22.15		
20	16QAM	50	24	22.13	22.22	22.05	22.5	0
20	16QAM	50	50	22.09	22.20	22.08		
20	16QAM	100	0	22.19	22.29	22.19		
20	64QAM	1	0	22.36	22.29	22.09		
20	64QAM	1	49	22.21	22.32	22.11	22.5	0
20	64QAM	1	99	22.10	22.34	22.18		
20	64QAM	50	0	22.12	22.22	22.16		
20	64QAM	50	24	22.15	22.27	22.18	22.5	0
20	64QAM	50	50	22.14	22.14	22.12		
20	64QAM	100	0	22.12	22.05	22.09		
20	256QAM	1	0	20.10	20.24	20.08		
20	256QAM	1	49	20.08	20.25	20.08	20.5	2
20	256QAM	1	99	20.20	20.28	20.06		
20	256QAM	50	0	20.11	20.30	20.00		
20	256QAM	50	24	20.02	20.09	20.13	20.5	2
20	256QAM	50	50	20.13	20.27	20.12		
20	256QAM	100	0	20.08	20.26	20.01		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.21	22.21	22.17		
15	QPSK	1	37	22.17	22.16	22.05	22.5	0
15	QPSK	1	74	22.15	22.22	21.98		
15	QPSK	36	0	22.02	22.19	21.93		
15	QPSK	36	20	21.96	22.24	21.84	22.5	0
15	QPSK	36	39	21.85	22.16	21.83		
15	QPSK	75	0	21.87	22.13	21.78		
15	16QAM	1	0	22.11	22.15	22.04		
15	16QAM	1	37	22.04	22.09	22.02	22.5	0
15	16QAM	1	74	21.68	22.01	22.03		
15	16QAM	36	0	22.20	22.28	22.03		
15	16QAM	36	20	22.04	22.13	21.91	22.5	0
15	16QAM	36	39	21.99	22.07	21.88		
15	16QAM	75	0	22.09	22.17	21.99		
15	64QAM	1	0	22.29	22.12	22.00		
15	64QAM	1	37	22.14	22.15	22.00	22.5	0
15	64QAM	1	74	22.00	22.29	22.09		
15	64QAM	36	0	21.96	22.17	22.10		
15	64QAM	36	20	22.04	22.10	22.07	22.5	0
15	64QAM	36	39	21.98	21.99	22.02		
15	64QAM	75	0	21.94	21.88	22.02		
15	256QAM	1	0	20.05	20.19	19.93		
15	256QAM	1	37	19.89	20.07	19.94	20.5	2
15	256QAM	1	74	20.14	20.19	19.97		
15	256QAM	36	0	19.92	20.22	19.93		
15	256QAM	36	20	19.97	19.94	19.97	20.5	2
15	256QAM	36	39	20.06	20.19	20.07		
15	256QAM	75	0	19.91	20.19	19.92		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.21	22.24	22.14		
10	QPSK	1	25	22.09	22.23	22.09	22.5	0
10	QPSK	1	49	22.12	22.19	22.02		
10	QPSK	25	0	22.07	22.21	21.96		
10	QPSK	25	12	21.82	22.18	21.82	22.5	0
10	QPSK	25	25	21.87	22.15	21.81		
10	QPSK	50	0	22.00	22.15	21.88		
10	16QAM	1	0	22.01	22.21	21.97		
10	16QAM	1	25	22.12	22.13	21.98	22.5	0
10	16QAM	1	49	21.76	21.90	21.98		
10	16QAM	25	0	22.08	22.28	21.96		
10	16QAM	25	12	22.02	22.02	21.96	22.5	0
10	16QAM	25	25	21.94	22.06	21.96		
10	16QAM	50	0	22.14	22.19	22.03		
10	64QAM	1	0	22.21	22.23	21.99		
10	64QAM	1	25	22.03	22.20	21.98	22.5	0
10	64QAM	1	49	21.90	22.14	22.00		
10	64QAM	25	0	21.96	22.04	21.96		
10	64QAM	25	12	22.05	22.17	22.11	22.5	0
10	64QAM	25	25	22.06	22.03	22.06		
10	64QAM	50	0	22.01	22.00	21.98		
10	256QAM	1	0	19.98	20.12	19.96		
10	256QAM	1	25	19.91	20.18	19.99	20.5	2
10	256QAM	1	49	20.14	19.98	20.07		
10	256QAM	25	0	20.03	20.25	19.88		
10	256QAM	25	12	19.82	19.93	19.99	20.5	2
10	256QAM	25	25	20.05	20.20	20.03		
10	256QAM	50	0	19.98	20.08	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.27	22.24	22.14		
5	QPSK	1	12	22.15	22.24	22.11	22.5	0
5	QPSK	1	24	22.21	22.22	22.07		
5	QPSK	12	0	21.99	22.32	22.01		
5	QPSK	12	7	21.84	22.16	21.87	22.5	0
5	QPSK	12	13	21.91	22.15	21.74		
5	QPSK	25	0	21.90	22.01	21.89		
5	16QAM	1	0	22.01	22.28	22.01		
5	16QAM	1	12	22.04	22.11	22.09	22.5	0
5	16QAM	1	24	21.66	21.86	21.96		
5	16QAM	12	0	22.02	22.29	21.98		
5	16QAM	12	7	21.93	22.08	21.94	22.5	0
5	16QAM	12	13	21.90	22.02	22.03		
5	16QAM	25	0	22.09	22.14	22.11		
5	64QAM	1	0	22.01	22.15	21.91		
5	64QAM	1	12	22.16	22.18	21.98	22.5	0
5	64QAM	1	24	22.04	22.14	22.00		
5	64QAM	12	0	22.05	22.03	22.09		
5	64QAM	12	7	22.03	22.20	22.06	22.5	0
5	64QAM	12	13	22.09	22.02	22.06		
5	64QAM	25	0	22.00	22.00	21.91		
5	256QAM	1	0	20.02	20.17	19.88		
5	256QAM	1	12	19.92	20.11	20.05	20.5	2
5	256QAM	1	24	20.02	20.15	19.93		
5	256QAM	12	0	19.96	20.24	19.92		
5	256QAM	12	7	19.97	19.91	19.97	20.5	2
5	256QAM	12	13	19.97	20.09	20.05		
5	256QAM	25	0	19.89	20.07	19.94		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.20	22.20	22.22		
3	QPSK	1	8	22.16	22.12	22.12	22.5	0
3	QPSK	1	14	22.19	22.21	22.04		
3	QPSK	8	0	21.90	22.24	22.01		
3	QPSK	8	4	21.86	22.13	21.89		
3	QPSK	8	7	21.94	22.19	21.84	22.5	0
3	QPSK	15	0	21.94	22.15	21.86		
3	16QAM	1	0	21.99	22.20	22.08		
3	16QAM	1	8	22.13	22.11	22.04	22.5	0
3	16QAM	1	14	21.73	21.89	22.04		
3	16QAM	8	0	22.16	22.30	22.07		
3	16QAM	8	4	21.99	22.02	21.97	22.5	0
3	16QAM	8	7	21.89	22.14	21.99		
3	16QAM	15	0	22.08	22.19	22.10		
3	64QAM	1	0	22.17	22.19	22.04		
3	64QAM	1	8	22.16	22.23	21.95	22.5	0
3	64QAM	1	14	21.91	22.24	22.05		
3	64QAM	8	0	22.07	22.05	22.09		
3	64QAM	8	4	22.03	22.07	22.03	22.5	0
3	64QAM	8	7	22.01	22.08	22.05		
3	64QAM	15	0	22.07	21.92	21.96		
3	256QAM	1	0	19.97	20.13	19.95		
3	256QAM	1	8	19.89	20.05	19.96	20.5	2
3	256QAM	1	14	20.04	20.15	19.97		
3	256QAM	8	0	19.93	20.21	19.86		
3	256QAM	8	4	19.95	20.04	20.00	20.5	2
3	256QAM	8	7	20.08	20.14	20.02		
3	256QAM	15	0	19.88	20.13	19.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.20	22.27	22.15		
1.4	QPSK	1	3	22.04	22.13	22.14		
1.4	QPSK	1	5	22.12	22.18	22.07	22.5	0
1.4	QPSK	3	0	21.84	22.29	21.91		
1.4	QPSK	3	1	21.83	22.14	21.90		
1.4	QPSK	3	3	21.87	22.05	21.84		
1.4	QPSK	6	0	21.96	22.08	21.83	22.5	0
1.4	16QAM	1	0	22.03	22.25	21.95		
1.4	16QAM	1	3	22.03	22.15	22.00		
1.4	16QAM	1	5	21.80	22.00	22.08	22.5	0
1.4	16QAM	3	0	22.22	22.18	21.97		
1.4	16QAM	3	1	21.96	22.02	21.95		
1.4	16QAM	3	3	21.98	22.02	21.93		
1.4	16QAM	6	0	22.07	22.18	22.14	22.5	0
1.4	64QAM	1	0	22.23	22.22	21.94		
1.4	64QAM	1	3	22.03	22.12	22.01		
1.4	64QAM	1	5	22.02	22.29	22.07	22.5	0
1.4	64QAM	3	0	22.07	22.08	21.97		
1.4	64QAM	3	1	22.08	22.16	22.04		
1.4	64QAM	3	3	22.02	21.99	21.99		
1.4	64QAM	6	0	21.92	21.88	21.91	22.5	0
1.4	256QAM	1	0	19.94	20.07	19.90		
1.4	256QAM	1	3	20.02	20.15	19.88		
1.4	256QAM	1	5	20.08	20.18	19.90	20.5	2
1.4	256QAM	3	0	19.94	20.22	19.91		
1.4	256QAM	3	1	19.96	19.96	20.08		
1.4	256QAM	3	3	19.98	20.21	20.02		
1.4	256QAM	6	0	20.00	20.17	19.94	20.5	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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.17	21.29	21.14		
20	QPSK	1	49	21.15	21.16	21.13	22	0
20	QPSK	1	99	21.10	21.12	21.08		
20	QPSK	50	0	21.23	21.28	21.26		
20	QPSK	50	24	21.21	21.23	21.23	22	0
20	QPSK	50	50	21.19	21.24	21.24		
20	QPSK	100	0	21.15	21.20	21.11		
20	16QAM	1	0	21.20	21.24	21.18		
20	16QAM	1	49	21.12	21.13	21.07	22	0
20	16QAM	1	99	21.14	21.12	21.17		
20	16QAM	50	0	21.26	21.27	21.27		
20	16QAM	50	24	21.15	21.

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.75	18.85	18.66		
20	QPSK	1	49	18.69	18.65	18.62	20	0
20	QPSK	1	99	18.74	18.69	18.58		
20	QPSK	50	0	18.44	18.85	18.45		
20	QPSK	50	24	18.43	18.46	18.39	20	0
20	QPSK	50	50	18.41	18.46	18.39		
20	QPSK	100	0	18.45	18.46	18.30		
20	16QAM	1	0	18.54	18.43	18.46		
20	16QAM	1	49	18.46	18.49	18.52	20	0
20	16QAM	1	99	18.47	18.47	18.47		
20	16QAM	50	0	18.44	18.48	18.27		
20	16QAM	50	24	18.51	18.43	18.43	20	0
20	16QAM	50	50	18.40	18.42	18.43		
20	16QAM	100	0	18.45	18.37	18.40		
20	64QAM	1	0	18.56	18.49	18.51		
20	64QAM	1	49	18.46	18.43	18.47	20	0
20	64QAM	1	99	18.39	18.44	18.48		
20	64QAM	50	0	18.43	18.50	18.51		
20	64QAM	50	24	18.43	18.43	18.39	20	0
20	64QAM	50	50	18.48	18.46	18.42		
20	64QAM	100	0	18.43	18.41	18.46		
20	256QAM	1	0	16.85	17.01	16.97		
20	256QAM	1	49	16.72	16.81	16.81	18.5	1.5
20	256QAM	1	99	16.67	16.73	16.75		
20	256QAM	50	0	16.97	16.91	16.93		
20	256QAM	50	24	16.89	16.84	16.87	18.5	1.5
20	256QAM	50	50	16.90	16.97	16.95		
20	256QAM	100	0	16.88	17.00	16.93		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.56	18.78	18.56		
15	QPSK	1	37	18.62	18.58	18.47	20	0
15	QPSK	1	74	18.61	18.60	18.41		
15	QPSK	36	0	18.29	18.58	18.35		
15	QPSK	36	20	18.26	18.40	18.24	20	0
15	QPSK	36	39	18.32	18.36	18.24		
15	QPSK	75	0	18.28	18.30	18.23		
15	16QAM	1	0	18.44	18.36	18.36		
15	16QAM	1	37	18.30	18.42	18.40	20	0
15	16QAM	1	74	18.33	18.39	18.32		
15	16QAM	36	0	18.30	18.42	18.12		
15	16QAM	36	20	18.39	18.38	18.33	20	0
15	16QAM	36	39	18.25	18.24	18.27		
15	16QAM	75	0	18.35	18.29	18.33		
15	64QAM	1	0	18.44	18.43	18.41		
15	64QAM	1	37	18.30	18.29	18.29	20	0
15	64QAM	1	74	18.21	18.36	18.42		
15	64QAM	36	0	18.36	18.32	18.40		
15	64QAM	36	20	18.32	18.33	18.31	20	0
15	64QAM	36	39	18.31	18.26	18.31		
15	64QAM	75	0	18.32	18.22	18.32		
15	256QAM	1	0	16.80	16.82	16.81		
15	256QAM	1	37	16.60	16.69	16.61	18.5	1.5
15	256QAM	1	74	16.61	16.53	16.58		
15	256QAM	36	0	16.79	16.85	16.73		
15	256QAM	36	20	16.77	16.76	16.73	18.5	1.5
15	256QAM	36	39	16.81	16.91	16.84		
15	256QAM	75	0	16.76	16.92	16.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.61	18.68	18.59		
10	QPSK	1	25	18.61	18.60	18.46	20	0
10	QPSK	1	49	18.61	18.62	18.45		
10	QPSK	25	0	18.30	18.59	18.30		
10	QPSK	25	12	18.23	18.38	18.22	20	0
10	QPSK	25	25	18.35	18.35	18.34		
10	QPSK	50	0	18.33	18.30	18.17		
10	16QAM	1	0	18.34	18.32	18.39		
10	16QAM	1	25	18.41	18.43	18.36	20	0
10	16QAM	1	49	18.36	18.28	18.27		
10	16QAM	25	0	18.39	18.41	18.15		
10	16QAM	25	12	18.43	18.36	18.35	20	0
10	16QAM	25	25	18.32	18.32	18.32		
10	16QAM	50	0	18.38	18.28	18.35		
10	64QAM	1	0	18.47	18.32	18.37		
10	64QAM	1	25	18.38	18.24	18.33	20	0
10	64QAM	1	49	18.24	18.36	18.33		
10	64QAM	25	0	18.38	18.39	18.40		
10	64QAM	25	12	18.28	18.26	18.26	20	0
10	64QAM	25	25	18.29	18.32	18.37		
10	64QAM	50	0	18.29	18.36	18.31		
10	256QAM	1	0	16.80	16.81	16.80		
10	256QAM	1	25	16.66	16.75	16.63	18.5	1.5
10	256QAM	1	49	16.55	16.63	16.69		
10	256QAM	25	0	16.82	16.77	16.87		
10	256QAM	25	12	16.82	16.64	16.69	18.5	1.5
10	256QAM	25	25	16.84	16.76	16.83		
10	256QAM	50	0	16.82	16.90	16.85		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.56	18.71	18.61		
5	QPSK	1	12	18.62	18.48	18.56	20	0
5	QPSK	1	24	18.58	18.58	18.41		
5	QPSK	12	0	18.31	18.53	18.40		
5	QPSK	12	7	18.24	18.37	18.23	20	0
5	QPSK	12	13	18.34	18.30	18.27		
5	QPSK	25	0	18.30	18.41	18.18		
5	16QAM	1	0	18.42	18.34	18.30		
5	16QAM	1	12	18.40	18.36	18.39	20	0
5	16QAM	1	24	18.31	18.42	18.38		
5	16QAM	12	0	18.27	18.31	18.18		
5	16QAM	12	7	18.32	18.24	18.23	20	0
5	16QAM	12	13	18.35	18.33	18.30		
5	16QAM	25	0	18.31	18.26	18.25		
5	64QAM	1	0	18.47	18.30	18.37		
5	64QAM	1	12	18.33	18.35	18.27	20	0
5	64QAM	1	24	18.34	18.28	18.31		
5	64QAM	12	0	18.25	18.45	18.38		
5	64QAM	12	7	18.27	18.30	18.19	20	0
5	64QAM	12	13	18.30	18.41	18.30		
5	64QAM	25	0	18.26	18.35	18.33		
5	256QAM	1	0	16.69	16.81	16.77		
5	256QAM	1	12	16.67	16.64	16.61	18.5	1.5
5	256QAM	1	24	16.51	16.53	16.65		
5	256QAM	12	0	16.85	16.71	16.83		
5	256QAM	12	7	16.72	16.77	16.82	18.5	1.5
5	256QAM	12	13	16.80	16.82	16.76		
5	256QAM	25	0	16.71	16.90	16.82		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.78	19.05	18.98		
20	QPSK	1	49	18.73	18.87	18.96	20	0
20	QPSK	1	99	18.63	18.73	18.78		
20	QPSK	50	0	18.78	18.83	18.82		
20	QPSK	50	24	18.73	18.71	18.87	20	0
20	QPSK	50	50	18.74	18.72	18.81		
20	QPSK	100	0	18.77	18.79	18.68		
20	16QAM	1	0	18.60	18.69	18.70		
20	16QAM	1	49	18.64	18.90	18.68	20	0
20	16QAM	1	99	18.53	18.71	18.61		
20	16QAM	50	0	18.80	18.91	18.78		
20	16QAM	50	24	18.75	18.86	18.79	20	0
20	16QAM	50	50	18.81	18.84	18.95		
20	16QAM	100	0	18.59	18.94	18.79		
20	64QAM	1	0	18.69	18.86	18.95		
20	64QAM	1	49	18.72	18.93	18.78	20	0
20	64QAM	1	99	18.61	18.79	18.83		
20	64QAM	50	0	18.80	18.85	18.81		
20	64QAM	50	24	18.54	18.86	18.76	20	0
20	64QAM	50	50	18.77	18.94	18.84		
20	64QAM	100	0	18.61	18.94	18.78		
20	256QAM	1	0	18.61	18.88	18.62		
20	256QAM	1	49	18.51	18.74	18.53	20	0
20	256QAM	1	99	18.62	18.82	18.60		
20	256QAM	50	0	18.61	18.81	18.67		
20	256QAM	50	24	18.59	18.84	18.60	20	0
20	256QAM	50	50	18.65	18.75	18.55		
20	256QAM	100	0	18.62	18.73	18.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.63	18.88	18.93		
15	QPSK	1	37	18.63	18.72	18.76	20	0
15	QPSK	1	74	18.57	18.53	18.70		
15	QPSK	36	0	18.73	18.68	18.77		
15	QPSK	36	20	18.58	18.54	18.62	20	0
15	QPSK	36	39	18.63	18.61	18.72		
15	QPSK	75	0	18.59	18.67	18.62		
15	16QAM	1	0	18.52	18.61	18.59		
15	16QAM	1	37	18.55	18.81	18.51	20	0
15	16QAM	1	74	18.37	18.55	18.47		
15	16QAM	36	0	18.63	18.79	18.62		
15	16QAM	36	20	18.68	18.68	18.71	20	0
15	16QAM	36	39	18.72	18.72	18.78		
15	16QAM	75	0	18.42	18.78	18.65		
15	64QAM	1	0	18.53	18.73	18.83		
15	64QAM	1	37	18.53	18.73	18.72	20	0
15	64QAM	1	74	18.49	18.60	18.66		
15	64QAM	36	0	18.74	18.69	18.67		
15	64QAM	36	20	18.36	18.79	18.65	20	0
15	64QAM	36	39	18.61	18.76	18.76		
15	64QAM	75	0	18.47	18.88	18.70		
15	256QAM	1	0	18.41	18.72	18.50		
15	256QAM	1	37	18.34	18.67	18.43	20	0
15	256QAM	1	74	18.43	18.68	18.45		
15	256QAM	36	0	18.48	18.66	18.62		
15	256QAM	36	20	18.53	18.74	18.43	20	0
15	256QAM	36	39	18.54	18.61	18.35		
15	256QAM	75	0	18.42	18.56	18.63		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.63	18.88	18.79		
10	QPSK	1	25	18.61	18.80	18.85	20	0
10	QPSK	1	49	18.55	18.67	18.71		
10	QPSK	25	0	18.65	18.78	18.62		
10	QPSK	25	12	18.65	18.62	18.52	20	0
10	QPSK	25	25	18.54	18.66	18.72		
10	QPSK	50	0	18.68	18.62	18.61		
10	16QAM	1	0	18.41	18.55	18.54		
10	16QAM	1	25	18.46	18.84	18.61	20	0
10	16QAM	1	49	18.38	18.64	18.45		
10	16QAM	25	0	18.70	18.80	18.60		
10	16QAM	25	12	18.57	18.73	18.70	20	0
10	16QAM	25	25	18.70	18.74	18.90		
10	16QAM	50	0	18.50	18.78	18.70		
10	64QAM	1	0	18.51	18.72	18.90		
10	64QAM	1	25	18.54	18.87	18.67	20	0
10	64QAM	1	49	18.48	18.72	18.77		
10	64QAM	25	0	18.67	18.67	18.74		
10	64QAM	25	12	18.36	18.68	18.70	20	0
10	64QAM	25	25	18.57	18.78	18.78		
10	64QAM	50	0	18.41	18.84	18.60		
10	256QAM	1	0	18.58	18.68	18.57		
10	256QAM	1	25	18.44	18.55	18.36	20	0
10	256QAM	1	49	18.46	18.74	18.50		
10	256QAM	25	0	18.54	18.71	18.49		
10	256QAM	25	12	18.44	18.67	18.55	20	0
10	256QAM	25	25	18.47	18.61	18.36		
10	256QAM	50	0	18.53	18.56	18.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.71	18.92	18.92		
5	QPSK	1	12	18.62	18.73	18.89	20	0
5	QPSK	1	24	18.50	18.56	18.59		
5	QPSK	12	0	18.70	18.73	18.76		
5	QPSK	12	7	18.66	18.53	18.50	20	0
5	QPSK	12	13	18.55	18.55	18.65		
5	QPSK	25	0	18.68	18.61	18.83		
5	16QAM	1	0	18.47	18.55	18.65		
5	16QAM	1	12	18.52	18.85	18.56	20	0
5	16QAM	1	24	18.35	18.59	18.41		
5	16QAM	12	0	18.67	18.76	18.59		
5	16QAM	12	7	18.61	18.67	18.62	20	0
5	16QAM	12	13	18.65	18.73	18.86		
5	16QAM	25	0	18.45	18.82	18.73		
5	64QAM	1	0	18.59	18.75	18.87		
5	64QAM	1	12	18.67	18.77	18.70	20	0
5	64QAM	1	24	18.56	18.74	18.66		
5	64QAM	12	0	18.74	18.70	18.67		
5	64QAM	12	7	18.48	18.75	18.64	20	0
5	64QAM	12	13	18.57	18.77	18.77		
5	64QAM	25	0	18.49	18.77	18.62		
5	256QAM	1	0	18.52	18.81	18.48		
5	256QAM	1	12	18.45	18.61	18.47	20	0
5	256QAM	1	24	18.55	18.76	18.46		
5	256QAM	12	0	18.56	18.76	18.48		
5	256QAM	12	7	18.43	18.77	18.53	20	0
5	256QAM	12	13	18.45	18.64	18.44		
5	256QAM	25	0	18.49	18.65	18.50		

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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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.55	24.59	24.53	25	0
20	QPSK	1	49	24.52	24.58	24.48		
20	QPSK	1	99	24.50	24.55	24.41		
20	QPSK	50	0	23.57	23.62	23.50	24	1
20	QPSK	50	24	23.51	23.54	23.45		
20	QPSK	50	50	23.54	23.53	23.44		
20	QPSK	100	0	23.44	23.51	23.37		
20	16QAM	1	0	23.42	23.62	23.42	24	1
20	16QAM	1	49	23.51	23.66	23.45		
20	16QAM	1	99	23.39	23.59	23.38		
20	16QAM	50	0	22.42	22.58	22.32	23	2
20	16QAM	50	24	22.30	22.48	22.18		
20	16QAM	50	50	22.25	22.51	22.24		
20	16QAM	100	0	22.27	22.53	22.30		
20	64QAM	1	0	22.35	22.58	22.33	23	2
20	64QAM	1	49	22.31	22.56	22.28		
20	64QAM	1	99	22.30	22.51	22.28		
20	64QAM	50	0	21.43	21.58	21.37	22	3
20	64QAM	50	24	21.27	21.43	21.15		
20	64QAM	50	50	21.36	21.52	21.32		
20	64QAM	100	0	21.32	21.49	21.18		
20	256QAM	1	0	19.19	19.43	19.14	20	5
20	256QAM	1	49	19.20	19.46	19.26		
20	256QAM	1	99	19.23	19.42	19.16		
20	256QAM	50	0	19.34	19.53	19.22	20	5
20	256QAM	50	24	19.22	19.43	19.15		
20	256QAM	50	50	19.21	19.47	19.19		
20	256QAM	100	0	19.25	19.48	19.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.47	24.38	24.37	25	0
15	QPSK	1	37	24.36	24.51	24.43		
15	QPSK	1	74	24.41	24.47	24.26		
15	QPSK	36	0	23.39	23.53	23.35	24	1
15	QPSK	36	20	23.39	23.45	23.32		
15	QPSK	36	39	23.41	23.37	23.39		
15	QPSK	75	0	23.30	23.40	23.27		
15	16QAM	1	0	23.35	23.46	23.33	24	1
15	16QAM	1	37	23.36	23.54	23.32		
15	16QAM	1	74	23.32	23.46	23.24		
15	16QAM	36	0	22.29	22.52	22.21	23	2
15	16QAM	36	20	22.16	22.40	22.02		
15	16QAM	36	39	22.18	22.35	22.11		
15	16QAM	75	0	22.16	22.40	22.25		
15	64QAM	1	0	22.28	22.43	22.27	23	2
15	64QAM	1	37	22.22	22.50	22.14		
15	64QAM	1	74	22.20	22.39	22.13		
15	64QAM	36	0	21.38	21.46	21.21	22	3
15	64QAM	36	20	21.17	21.35	21.05		
15	64QAM	36	39	21.22	21.45	21.21		
15	64QAM	75	0	21.24	21.43	21.05		
15	256QAM	1	0	19.13	19.30	19.06	20	5
15	256QAM	1	37	19.15	19.41	19.14		
15	256QAM	1	74	19.14	19.30	19.02		
15	256QAM	36	0	19.22	19.38	19.10	20	5
15	256QAM	36	20	19.12	19.35	19.05		
15	256QAM	36	39	19.08	19.37	19.13		
15	256QAM	75	0	19.12	19.43	19.10		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.48	24.46	24.37	25	0
10	QPSK	1	25	24.38	24.52	24.42		
10	QPSK	1	49	24.40	24.46	24.30		
10	QPSK	25	0	23.34	23.57	23.39	24	1
10	QPSK	25	12	23.41	23.42	23.33		
10	QPSK	25	25	23.44	23.40	23.37		
10	QPSK	50	0	23.34	23.42	23.24		
10	16QAM	1	0	23.32	23.55	23.32	24	1
10	16QAM	1	25	23.44	23.57	23.40		
10	16QAM	1	49	23.24	23.44	23.24		
10	16QAM	25	0	22.37	22.53	22.27	23	2
10	16QAM	25	12	22.25	22.42	22.09		
10	16QAM	25	25	22.15	22.42	22.16		
10	16QAM	50	0	22.17	22.41	22.23		
10	64QAM	1	0	22.20	22.46	22.21	23	2
10	64QAM	1	25	22.25	22.45	22.12		
10	64QAM	1	49	22.21	22.45	22.18		
10	64QAM	25	0	21.35	21.50	21.30	22	3
10	64QAM	25	12	21.12	21.28	21.01		
10	64QAM	25	25	21.27	21.40	21.22		
10	64QAM	50	0	21.25	21.39	21.07		
10	256QAM	1	0	19.12	19.36	19.02	20	5
10	256QAM	1	25	19.15	19.31	19.21		
10	256QAM	1	49	19.10	19.27	19.07		
10	256QAM	25	0	19.24	19.44	19.14	20	5
10	256QAM	25	12	19.07	19.29	19.10		
10	256QAM	25	25	19.08	19.35	19.12		
10	256QAM	50	0	19.17	19.36	19.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.39	24.39	24.47	25	0
5	QPSK	1	12	24.40	24.43	24.42		
5	QPSK	1	24	24.47	24.49	24.26		
5	QPSK	12	0	23.41	23.50	23.36	24	1
5	QPSK	12	7	23.43	23.47	23.30		
5	QPSK	12	13	23.43	23.47	23.33		
5	QPSK	25	0	23.30	23.40	23.31		
5	16QAM	1	0	23.32	23.46	23.28	24	1
5	16QAM	1	12	23.37	23.58	23.36		
5	16QAM	1	24	23.25	23.52	23.30		
5	16QAM	12	0	22.27	22.49	22.24	23	2
5	16QAM	12	7	22.21	22.35	22.03		
5	16QAM	12	13	22.11	22.36	22.11		
5	16QAM	25	0	22.12	22.47	22.20		
5	64QAM	1	0	22.27	22.50	22.22	23	2
5	64QAM	1	12	22.17	22.45	22.20		
5	64QAM	1	24	22.14	22.43	22.23		
5	64QAM	12	0	21.29	21.45	21.23	22	3
5	64QAM	12	7	21.21	21.36	20.99		
5	64QAM	12	13	21.29	21.42	21.20		
5	64QAM	25	0	21.26	21.41	21.08		
5	256QAM	1	0	19.12	19.30	19.09	20	5
5	256QAM	1	12	19.06	19.37	19.12		
5	256QAM	1	24	19.14	19.26	19.03		
5	256QAM	12	0	19.23	19.44	19.14	20	5
5	256QAM	12	7	19.16	19.27	19.09		
5	256QAM	12	13	19.09	19.32	19.05		
5	256QAM	25	0	19.16	19.39	19.14		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.39	24.41	24.40	25	0
3	QPSK	1	8	24.42	24.49	24.34		
3	QPSK	1	14	24.43	24.46	24.28		
3	QPSK	8	0	23.35	23.56	23.40	24	1
3	QPSK	8	4	23.36	23.41	23.30		
3	QPSK	8	7	23.40	23.48	23.33		
3	QPSK	15	0	23.35	23.43	23.28		
3	16QAM	1	0	23.28	23.46	23.32	24	1
3	16QAM	1	8	23.42	23.55	23.37		
3	16QAM	1	14	23.31	23.52	23.33		
3	16QAM	8	0	22.26	22.51	22.19	23	2
3	16QAM	8	4	22.24	22.35	22.11		
3	16QAM	8	7	22.19	22.45	22.18		
3	16QAM	15	0	22.18	22.44	22.25		
3	64QAM	1	0	22.28	22.48	22.18	23	2
3	64QAM	1	8	22.19	22.48	22.18		
3	64QAM	1	14	22.25	22.45	22.23		
3	64QAM	8	0	21.31	21.49	21.27	22	3
3	64QAM	8	4	21.12	21.35	21.08		
3	64QAM	8	7	21.22	21.37	21.26		
3	64QAM	15	0	21.26	21.39	21.02		
3	256QAM	1	0	19.03	19.34	19.07	20	5
3	256QAM	1	8	19.09	19.33	19.12		
3	256QAM	1	14	19.07	19.34	19.01		
3	256QAM	8	0	19.23	19.48	19.15	20	5
3	256QAM	8	4	19.14	19.33	19.07		
3	256QAM	8	7	19.11	19.33	19.11		
3	256QAM	15	0	19.10	19.39	19.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.49	24.39	24.43	25	0
1.4	QPSK	1	3	24.44	24.53	24.39		
1.4	QPSK	1	5	24.43	24.43	24.31		
1.4	QPSK	3	0	23.81	24.03	23.91		
1.4	QPSK	3	1	23.85	23.95	23.90		
1.4	QPSK	3	3	23.94	23.96	23.80		
1.4	QPSK	6	0	23.37	23.35	23.31	24	1
1.4	16QAM	1	0	23.31	23.46	23.35	24	1
1.4	16QAM	1	3	23.40	23.54	23.40		
1.4	16QAM	1	5	23.34	23.53	23.23		
1.4	16QAM	3	0	22.80	22.93	22.76		
1.4	16QAM	3	1	22.75	22.86	22.56		
1.4	16QAM	3	3	22.62	22.88	22.60		
1.4	16QAM	6	0	22.14	22.43	22.16	23	2
1.4	64QAM	1	0	22.19	22.42	22.22	23	2
1.4	64QAM	1	3	22.22	22.44	22.22		
1.4	64QAM	1	5	22.15	22.39	22.22		
1.4	64QAM	3	0	21.77	21.94	21.76		
1.4	64QAM	3	1	21.68	21.84	21.58		
1.4	64QAM	3	3	21.78	21.95	21.77		
1.4	64QAM	6	0	21.24	21.40	21.04	22	3
1.4	256QAM	1	0	19.09	19.27	19.07	20	5
1.4	256QAM	1	3	19.06	19.34	19.18		
1.4	256QAM	1	5	19.10	19.30	19.02		
1.4	256QAM	3	0	19.26	19.37	19.12		
1.4	256QAM	3	1	19.07	19.33	19.06		
1.4	256QAM	3	3	19.07	19.37	19.08		
1.4	256QAM	6	0	19.13	19.36	19.09	20	5

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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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.34	22.39	22.27	22.5	0
20	QPSK	1	49	22.24	22.32	22.21		
20	QPSK	1	99	22.28	22.35	22.16		
20	QPSK	50	0	22.04	22.37	22.09	22.5	0
20	QPSK	50	24	22.01	22.30	21.97		
20	QPSK	50	50	21.99	22.25	21.90		
20	QPSK	100	0	22.05	22.28	21.98		
20	16QAM	1	0	22.09	22.33	22.13	22.5	0
20	16QAM	1	49	22.18	22.24	22.09		
20	16QAM	1	99	21.86	22.07	22.15		
20	16QAM	50	0	22.28	22.36	22.15	22.5	0
20	16QAM	50	24	22.13	22.22	22.05		
20	16QAM	50	50	22.09	22.21	22.08		
20	16QAM	100	0	22.19	22.29	22.19		
20	64QAM	1	0	22.36	22.29	22.09	22.5	0
20	64QAM	1	49	22.21	22.32	22.11		
20	64QAM	1	99	22.10	22.34	22.18		
20	64QAM	50	0	22.12	22.22	22.16	22.5	0
20	64QAM	50	24	22.15	22.27	22.18		
20	64QAM	50	50	22.14	22.14	22.12		
20	64QAM	100	0	22.12	22.05	22.09		
20	256QAM	1	0	20.10	20.24	20.08	20.5	2
20	256QAM	1	49	20.08	20.25	20.08		
20	256QAM	1	99	20.20	20.28	20.06		
20	256QAM	50	0	20.11	20.34	20.00	20.5	2
20	256QAM	50	24	20.02	20.09	20.13		
20	256QAM	50	50	20.13	20.27	20.12		
20	256QAM	100	0	20.08	20.26	20.01		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.21	22.21	22.17	22.5	0
15	QPSK	1	37	22.17	22.16	22.05		
15	QPSK	1	74	22.15	22.22	21.98		
15	QPSK	36	0	21.92	22.19	21.93	22.5	0
15	QPSK	36	20	21.96	22.24	21.84		
15	QPSK	36	39	21.85	22.16	21.83		
15	QPSK	75	0	21.87	22.13	21.78		
15	16QAM	1	0	21.99	22.15	22.04	22.5	0
15	16QAM	1	37	22.04	22.09	22.02		
15	16QAM	1	74	21.68	22.01	22.03		
15	16QAM	36	0	22.20	22.28	22.03	22.5	0
15	16QAM	36	20	22.04	22.13	21.91		
15	16QAM	36	39	21.99	22.07	21.98		
15	16QAM	75	0	22.09	22.17	21.99		
15	64QAM	1	0	22.29	22.12	22.00	22.5	0
15	64QAM	1	37	22.14	22.15	22.00		
15	64QAM	1	74	22.00	22.29	22.09		
15	64QAM	36	0	21.96	22.17	22.10	22.5	0
15	64QAM	36	20	22.04	22.10	22.07		
15	64QAM	36	39	21.98	21.99	22.02		
15	64QAM	75	0	21.94	21.88	22.04		
15	256QAM	1	0	20.05	20.19	19.93	20.5	2
15	256QAM	1	37	19.89	20.07	19.94		
15	256QAM	1	74	20.14	20.19	19.97		
15	256QAM	36	0	19.92	20.22	19.83	20.5	2
15	256QAM	36	20	19.97	19.94	19.97		
15	256QAM	36	39	20.06	20.19	20.07		
15	256QAM	75	0	19.91	20.19	19.92		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.21	22.24	22.14	22.5	0
10	QPSK	1	25	22.09	22.23	22.09		
10	QPSK	1	49	22.12	22.19	22.02		
10	QPSK	25	0	21.97	22.21	21.96	22.5	0
10	QPSK	25	12	21.82	22.18	21.82		
10	QPSK	25	25	21.87	22.15	21.81		
10	QPSK	50	0	22.00	22.15	21.88		
10	16QAM	1	0	22.01	22.21	21.97	22.5	0
10	16QAM	1	25	22.12	22.13	21.98		
10	16QAM	1	49	21.76	21.90	21.98		
10	16QAM	25	0	22.08	22.28	21.96	22.5	0
10	16QAM	25	12	22.02	22.02	21.94		
10	16QAM	25	25	21.94	22.06	21.96		
10	16QAM	50	0	22.14	22.19	22.03		
10	64QAM	1	0	22.21	22.23	21.99	22.5	0
10	64QAM	1	25	22.03	22.20	21.98		
10	64QAM	1	49	21.90	22.14	22.00		
10	64QAM	25	0	21.96	22.04	21.96	22.5	0
10	64QAM	25	12	22.05	22.17	22.11		
10	64QAM	25	25	22.06	22.03	22.06		
10	64QAM	50	0	22.01	22.00	21.98		
10	256QAM	1	0	19.98	20.12	19.96	20.5	2
10	256QAM	1	25	19.91	20.18	19.99		
10	256QAM	1	49	20.00	20.14	19.96		
10	256QAM	25	0	20.03	20.25	19.88	20.5	2
10	256QAM	25	12	19.82	19.93	19.99		
10	256QAM	25	25	20.05	20.20	20.03		
10	256QAM	50	0	19.98	20.08	19.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.27	22.24	22.14	22.5	0
5	QPSK	1	12	22.15	22.24	22.11		
5	QPSK	1	24	22.21	22.23	22.07		
5	QPSK	12	0	21.99	22.32	22.01	22.5	0
5	QPSK	12	7	21.84	22.16	21.87		
5	QPSK	12	13	21.91	22.15	21.74		
5	QPSK	25	0	21.96	22.10	21.89		
5	16QAM	1	0	22.01	22.28	22.01	22.5	0
5	16QAM	1	12	22.04	22.11	22.01		
5	16QAM	1	24	21.66	21.88	21.96		
5	16QAM	12	0	22.11	22.29	21.98	22.5	0
5	16QAM	12	7	21.93	22.08	21.94		
5	16QAM	12	13	21.90	22.02	22.03		
5	16QAM	25	0	22.09	22.14	22.11		
5	64QAM	1	0	22.17	22.15	21.91	22.5	0
5	64QAM	1	12	22.16	22.18	21.98		
5	64QAM	1	24	22.04	22.14	22.00		
5	64QAM	12	0	22.05	22.03	22.09	22.5	0
5	64QAM	12	7	22.03	22.20	22.06		
5	64QAM	12	13	22.09	22.02	22.06		
5	64QAM	25	0	22.00	22.00	21.91		
5	256QAM	1	0	20.02	20.17	19.88	20.5	2
5	256QAM	1	12	19.99	20.06	19.91		
5	256QAM	1	24	20.02	20.15	19.93		
5	256QAM	12	0	19.96	20.24	19.92	20.5	2
5	256QAM	12	7	19.97	19.91	19.97		
5	256QAM	12	13	19.97	20.09	20.05		
5	256QAM	25	0	19.89	20.07	19.94		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.20	22.20	22.22	22.5	0
3	QPSK	1	8	22.16	22.12	22.12		
3	QPSK	1	14	22.19	22.21	22.04		
3	QPSK	8	0	21.90	22.24	22.01	22.5	0
3	QPSK	8	4	21.86	22.13	21.89		
3	QPSK	8	7	21.94	22.19	21.84		
3	QPSK	15	0	21.94	22.15	21.86		
3	16QAM	1	0	21.99	22.20	22.08	22.5	0
3	16QAM	1	8	22.13	22.11	22.04		
3	16QAM	1	14	21.73	21.89	22.04		
3	16QAM	8	0	22.16	22.30	22.07	22.5	0
3	16QAM	8	4	21.99	22.02	21.97		
3	16QAM	8	7	21.89	22.14	21.99		
3	16QAM	15	0	22.08	22.19	22.10		
3	64QAM	1	0	22.17	22.19	22.04	22.5	0
3	64QAM	1	8	22.16	22.23	21.95		
3	64QAM	1	14	21.91	22.24	22.05		
3	64QAM	8	0	22.07	22.05	22.09	22.5	0
3	64QAM	8	4	22.03	22.07	22.03		
3	64QAM	8	7	22.01	22.06	22.05		
3	64QAM	15	0	22.07	21.92	21.96		
3	256QAM	1	0	19.97	20.13	19.95	20.5	2
3	256QAM	1	8	19.89	20.05	19.96		
3	256QAM	1	14	20.04	20.15	19.97		
3	256QAM	8	0	19.93	20.21	19.86	20.5	2
3	256QAM	8	4	19.95	20.04	20.00		
3	256QAM	8	7	20.08	20.14	20.02		
3	256QAM	15	0	19.88	20.13	19.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.20	22.27	22.15	22.5	0
1.4	QPSK	1	3	22.04	22.13	22.14		
1.4	QPSK	1	5	22.12	22.18	22.07		
1.4	QPSK	3	0	21.84	22.29	21.91		
1.4	QPSK	3	1	21.83	22.14	21.90		
1.4	QPSK	3	3	21.87	22.05	21.84		
1.4	QPSK	6	0	21.96	22.08	21.83	21.5	1
1.4	16QAM	1	0	22.03	22.25	21.95	21.5	1
1.4	16QAM	1	3	22.03	22.15	22.00		
1.4	16QAM	1	5	21.80	22.00	22.08		
1.4	16QAM	3	0	22.22	22.18	21.97		
1.4	16QAM	3	1	21.96	22.02	21.95		
1.4	16QAM	3	3	21.98	22.02	21.93		
1.4	16QAM	6	0	22.07	22.18	22.14	20.5	2
1.4	64QAM	1	0	22.23	22.22	21.94	20.5	2
1.4	64QAM	1	3	22.03	22.12	22.01		
1.4	64QAM	1	5	22.02	22.29	22.07		
1.4	64QAM	3	0	22.07	22.08	21.97		
1.4	64QAM	3	1	22.08	22.16	22.04		
1.4	64QAM	3	3	22.02	21.99	21.99		
1.4	64QAM	6	0	21.92	21.88	21.91	19.5	3
1.4	256QAM	1	0	19.94	20.07	19.90	17.5	5
1.4	256QAM	1	3	20.02	20.15	19.88		
1.4	256QAM	1	5	20.08	20.18	19.90		
1.4	256QAM	3	0	19.94	20.22	19.91		
1.4	256QAM	3	1	19.96	19.96	20.08		
1.4	256QAM	3	3	19.98	20.21	20.02		
1.4	256QAM	6	0	20.00	20.17	19.94	17.5	5

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.34	23.36	23.25	24	0
20	QPSK	1	49	23.20	23.22	23.18		
20	QPSK	1	99	23.12	23.15	22.89		
20	QPSK	50	0	22.26	22.29	22.18	23	1
20	QPSK	50	24	22.19	22.20	22.16		
20	QPSK	50	50	22.18	22.23	22.09		
20	QPSK	100	0	22.23	22.26	22.12		
20	16QAM	1	0	22.28	22.43	22.37	23	1
20	16QAM	1	49	22.16	22.32	22.24		
20	16QAM	1	99	22.10	22.20	22.12		
20	16QAM	50	0	21.00	21.13	20.99	22	2
20	16QAM	50	24	21.07	21.13	21.00		
20	16QAM	50	50	21.04	21.14	21.09		
20	16QAM	100	0	20.94	21.07	20.94		
20	64QAM	1	0	21.16	21.25	21.17	22	2
20	64QAM	1	49	21.12	21.25	21.11		
20	64QAM	1	99	21.10	21.16	21.06		
20	64QAM	50	0	19.91	20.06	19.91	21	3
20	64QAM	50	24	20.04	20.13	20.08		
20	64QAM	50	50	19.99	20.13	20.00		
20	64QAM	100	0	19.95	20.06	19.90		
20	256QAM	1	0	18.14	18.27	18.10	19	5
20	256QAM	1	49	18.01	18.21	18.01		
20	256QAM	1	99	18.09	18.25	18.09		
20	256QAM	50	0	18.02	18.20	18.05	19	5
20	256QAM	50	24	18.12	18.22	18.03		
20	256QAM	50	50	18.02	18.23	18.06		
20	256QAM	100	0	18.01	18.21	18.04		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.20	23.18	23.03	24	0
15	QPSK	1	37	23.12	23.11	23.13		
15	QPSK	1	74	23.19	23.08	22.58		
15	QPSK	36	0	22.14	22.01	22.08	23	1
15	QPSK	36	20	22.05	22.03	22.05		
15	QPSK	36	39	22.14	22.01	21.98		
15	QPSK	75	0	22.13	21.96	22.00		
15	16QAM	1	0	22.19	22.32	22.26	23	1
15	16QAM	1	37	22.01	22.19	22.19		
15	16QAM	1	74	21.94	22.10	22.02		
15	16QAM	36	0	20.92	20.98	20.85	22	2
15	16QAM	36	20	20.92	21.06	20.94		
15	16QAM	36	39	20.88	21.06	21.02		
15	16QAM	75	0	20.86	20.97	20.81		
15	64QAM	1	0	21.02	21.11	21.11	22	2
15	64QAM	1	37	21.05	21.12	21.02		
15	64QAM	1	74	20.95	21.03	20.99		
15	64QAM	36	0	19.84	19.93	19.84	21	3
15	64QAM	36	20	19.95	20.00	20.00		
15	64QAM	36	39	19.94	19.98	19.95		
15	64QAM	75	0	19.80	19.98	19.76		
15	256QAM	1	0	18.07	18.20	18.03	19	5
15	256QAM	1	37	17.94	18.15	17.96		
15	256QAM	1	74	17.94	18.12	18.00		
15	256QAM	36	0	17.94	18.06	18.00	19	5
15	256QAM	36	20	17.97	18.16	17.94		
15	256QAM	36	39	17.96	18.14	18.00		
15	256QAM	75	0	17.86	18.10	17.95		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.28	23.16	23.07	24	0
10	QPSK	1	25	23.16	23.07	23.20		
10	QPSK	1	49	23.18	23.08	22.54		
10	QPSK	25	0	22.17	21.98	22.06	23	1
10	QPSK	25	12	22.12	21.98	22.03		
10	QPSK	25	25	22.15	21.98	21.93		
10	QPSK	50	0	22.13	21.91	22.05		
10	16QAM	1	0	22.22	22.32	22.29	23	1
10	16QAM	1	25	22.02	22.17	22.09		
10	16QAM	1	49	21.95	22.13	22.04		
10	16QAM	25	0	20.93	20.99	20.84	22	2
10	16QAM	25	12	20.93	21.03	20.86		
10	16QAM	25	25	20.94	21.02	21.04		
10	16QAM	50	0	20.87	21.00	20.89		
10	64QAM	1	0	21.05	21.16	21.09	22	2
10	64QAM	1	25	21.03	21.16	21.00		
10	64QAM	1	49	20.97	21.09	21.01		
10	64QAM	25	0	19.77	19.94	19.85	21	3
10	64QAM	25	12	19.94	19.99	19.93		
10	64QAM	25	25	19.86	20.07	19.87		
10	64QAM	50	0	19.90	19.99	19.81		
10	256QAM	1	0	18.02	18.19	17.98	19	5
10	256QAM	1	25	17.85	18.14	17.93		
10	256QAM	1	49	18.04	18.10	17.97		
10	256QAM	25	0	17.97	18.06	17.91	19	5
10	256QAM	25	12	18.04	18.16	17.87		
10	256QAM	25	25	17.96	18.14	17.99		
10	256QAM	50	0	17.86	18.15	17.93		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.22	23.10	23.00	24	0
5	QPSK	1	12	23.15	23.11	23.15		
5	QPSK	1	24	23.19	23.05	22.53		
5	QPSK	12	0	22.21	21.97	22.09	23	1
5	QPSK	12	7	22.06	21.98	22.11		
5	QPSK	12	13	22.11	22.02	22.02		
5	QPSK	25	0	22.10	21.96	22.02		
5	16QAM	1	0	22.19	22.30	22.27	23	1
5	16QAM	1	12	22.00	22.17	22.19		
5	16QAM	1	24	21.98	22.07	21.96		
5	16QAM	12	0	20.93	20.99	20.83	22	2
5	16QAM	12	7	20.96	20.97	20.95		
5	16QAM	12	13	20.89	21.03	20.94		
5	16QAM	25	0	20.86	20.94	20.82		
5	64QAM	1	0	21.10	21.19	21.11	22	2
5	64QAM	1	12	21.05	21.09	20.95		
5	64QAM	1	24	21.00	21.02	20.90		
5	64QAM	12	0	19.75	20.01	19.82	21	3
5	64QAM	12	7	19.98	20.02	19.92		
5	64QAM	12	13	19.89	20.01	19.85		
5	64QAM	25	0	19.86	19.98	19.85		
5	256QAM	1	0	18.08	18.12	18.05	19	5
5	256QAM	1	12	17.87	18.07	17.93		
5	256QAM	1	24	17.99	18.15	18.02		
5	256QAM	12	0	17.96	18.13	17.90	19	5
5	256QAM	12	7	18.06	18.16	17.94		
5	256QAM	12	13	17.96	18.15	17.99		
5	256QAM	25	0	17.89	18.06	17.89		

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.87	21.88	21.85	23	0
20	QPSK	1	49	21.72	21.73	21.70		
20	QPSK	1	99	21.68	21.71	21.63		
20	QPSK	50	0	20.78	20.80	20.75	22	1
20	QPSK	50	24	20.70	20.72	20.68		
20	QPSK	50	50	20.74	20.75	20.68		
20	QPSK	100	0	20.71	20.72	20.70		
20	16QAM	1	0	20.78	20.86	20.73	22	1
20	16QAM	1	49	20.77	20.91	20.84		
20	16QAM	1	99	20.76	20.83	20.67		
20	16QAM	50	0	19.60	19.69	19.53	21	2
20	16QAM	50	24	19.61	19.66	19.53		
20	16QAM	50	50	19.56	19.70	19.58		
20	16QAM	100	0	19.54	19.63	19.57		
20	64QAM	1	0	19.76	19.83	19.78	21	2
20	64QAM	1	49	19.73	19.82	19.67		
20	64QAM	1	99	19.50	19.61	19.48		
20	64QAM	50	0	18.49	18.64	18.54	20	3
20	64QAM	50	24	18.49	18.65	18.58		
20	64QAM	50	50	18.57	18.73	18.60		
20	64QAM	100	0	18.44	18.60	18.49		
20	256QAM	1	0	16.57	16.78	16.55	18	5
20	256QAM	1	49	16.59	16.75	16.52		
20	256QAM	1	99	16.66	16.85	16.66		
20	256QAM	50	0	16.73	16.84	16.62	18	5
20	256QAM	50	24	16.68	16.83	16.61		
20	256QAM	50	50	16.66	16.81	16.62		
20	256QAM	100	0	16.58	16.78	16.52		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.66	21.69	21.63	23	0
15	QPSK	1	37	21.62	21.62	21.73		
15	QPSK	1	74	21.71	21.62	21.63		
15	QPSK	36	0	20.67	20.51	20.64	22	1
15	QPSK	36	20	20.68	20.61	20.66		
15	QPSK	36	39	20.64	20.65	20.57		
15	QPSK	75	0	20.58	20.49	20.64		
15	16QAM	1	0	20.71	20.78	20.65	22	1
15	16QAM	1	37	20.64	20.86	20.73		
15	16QAM	1	74	20.70	20.68	20.60		
15	16QAM	36	0	19.49	19.54	19.39	21	2
15	16QAM	36	20	19.48	19.55	19.38		
15	16QAM	36	39	19.51	19.59	19.52		
15	16QAM	75	0	19.39	19.54	19.47		
15	64QAM	1	0	19.69	19.68	19.67	21	2
15	64QAM	1	37	19.67	19.73	19.61		
15	64QAM	1	74	19.44	19.49	19.34		
15	64QAM	36	0	18.34	18.54	18.45	20	3
15	64QAM	36	20	18.43	18.50	18.48		
15	64QAM	36	39	18.48	18.62	18.48		
15	64QAM	75	0	18.37	18.54	18.42		
15	256QAM	1	0	16.41	16.66	16.40	18	5
15	256QAM	1	37	16.53	16.64	16.36		
15	256QAM	1	74	16.61	16.70	16.51		
15	256QAM	36	0	16.62	16.69	16.53	18	5
15	256QAM	36	20	16.53	16.75	16.48		
15	256QAM	36	39	16.56	16.72	16.54		
15	256QAM	75	0	16.50	16.62	16.37		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.63	21.59	21.69	23	0
10	QPSK	1	25	21.65	21.64	21.75		
10	QPSK	1	49	21.69	21.63	21.65		
10	QPSK	25	0	20.70	20.52	20.67	22	1
10	QPSK	25	12	20.70	20.60	20.68		
10	QPSK	25	25	20.58	20.67	20.53		
10	QPSK	50	0	20.57	20.55	20.57		
10	16QAM	1	0	20.63	20.77	20.67	22	1
10	16QAM	1	25	20.72	20.82	20.69		
10	16QAM	1	49	20.70	20.78	20.52		
10	16QAM	25	0	19.54	19.63	19.44	21	2
10	16QAM	25	12	19.55	19.57	19.41		
10	16QAM	25	25	19.49	19.58	19.52		
10	16QAM	50	0	19.47	19.49	19.42		
10	64QAM	1	0	19.70	19.70	19.69	21	2
10	64QAM	1	25	19.67	19.71	19.52		
10	64QAM	1	49	19.40	19.51	19.37		
10	64QAM	25	0	18.38	18.52	18.46	20	3
10	64QAM	25	12	18.36	18.56	18.43		
10	64QAM	25	25	18.48	18.68	18.55		
10	64QAM	50	0	18.30	18.52	18.41		
10	256QAM	1	0	16.52	16.66	16.48	18	5
10	256QAM	1	25	16.46	16.65	16.43		
10	256QAM	1	49	16.60	16.71	16.55		
10	256QAM	25	0	16.68	16.68	16.52	18	5
10	256QAM	25	12	16.56	16.69	16.51		
10	256QAM	25	25	16.52	16.73	16.53		
10	256QAM	50	0	16.51	16.72	16.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.72	21.62	21.69	23	0
5	QPSK	1	12	21.67	21.68	21.78		
5	QPSK	1	24	21.74	21.58	21.61		
5	QPSK	12	0	20.61	20.53	20.74	22	1
5	QPSK	12	7	20.68	20.53	20.61		
5	QPSK	12	13	20.59	20.60	20.54		
5	QPSK	25	0	20.63	20.51	20.62		
5	16QAM	1	0	20.66	20.75	20.58	22	1
5	16QAM	1	12	20.66	20.85	20.73		
5	16QAM	1	24	20.67	20.71	20.56		
5	16QAM	12	0	19.55	19.60	19.43	21	2
5	16QAM	12	7	19.49	19.58	19.45		
5	16QAM	12	13	19.47	19.56	19.49		
5	16QAM	25	0	19.47	19.53	19.43		
5	64QAM	1	0	19.69	19.75	19.68	21	2
5	64QAM	1	12	19.57	19.72	19.59		
5	64QAM	1	24	19.38	19.52	19.43		
5	64QAM	12	0	18.42	18.54	18.42	20	3
5	64QAM	12	7	18.41	18.54	18.47		
5	64QAM	12	13	18.47	18.64	18.47		
5	64QAM	25	0	18.36	18.50	18.38		
5	256QAM	1	0	16.45	16.62	16.44	18	5
5	256QAM	1	12	16.54	16.65	16.45		
5	256QAM	1	24	16.51	16.80	16.57		
5	256QAM	12	0	16.61	16.71	16.46	18	5
5	256QAM	12	7	16.60	16.72	16.45		
5	256QAM	12	13	16.53	16.74	16.49		
5	256QAM	25	0	16.49	16.67	16.44		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.19	22.25	22.16	23.5	0
20	QPSK	1	49	22.11	22.12	22.10		
20	QPSK	1	99	22.08	22.10	22.03		
20	QPSK	50	0	21.08	21.12	21.06	22.5	1
20	QPSK	50	24	21.07	21.08	21.01		
20	QPSK	50	50	20.93	20.96	20.92		
20	QPSK	100	0	20.99	21.03	20.97		
20	16QAM	1	0	21.07	21.13	20.98		
20	16QAM	1	49	21.01	21.14	21.07	22.5	1
20	16QAM	1	99	21.04	21.15	21.04		
20	16QAM	50	0	20.06	20.18	20.02		
20	16QAM	50	24	20.07	20.19	20.07	21.5	2
20	16QAM	50	50	20.16	20.27	20.16		
20	16QAM	100	0	20.07	20.13	19.98		
20	64QAM	1	0	20.11	20.26	20.20		
20	64QAM	1	49	20.16	20.28	20.16	21.5	2
20	64QAM	1	99	20.20	20.29	20.22		
20	64QAM	50	0	19.05	19.21	19.16		
20	64QAM	50	24	19.13	19.22	19.07	20.5	3
20	64QAM	50	50	19.12	19.24	19.14		
20	64QAM	100	0	19.01	19.10	18.97		
20	256QAM	1	0	17.55	17.23	16.97		
20	256QAM	1	49	17.00	17.19	17.01	18.5	5
20	256QAM	1	99	17.16	17.26	17.07		
20	256QAM	50	0	17.01	17.16	17.03		
20	256QAM	50	24	16.98	17.18	17.00	18.5	5
20	256QAM	50	50	17.05	17.15	16.99		
20	256QAM	100	0	17.00	17.17	17.01		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.07	22.00	21.99	23.5	0
15	QPSK	1	37	21.97	21.92	21.97		
15	QPSK	1	74	22.22	21.99	22.11		
15	QPSK	36	0	21.19	21.07	21.21		
15	QPSK	36	20	21.22	21.07	21.15	22.5	1
15	QPSK	36	39	21.19	21.02	21.23		
15	QPSK	75	0	21.23	21.08	21.22		
15	16QAM	1	0	21.14	21.20	21.03		
15	16QAM	1	37	21.11	21.22	21.21	22.5	1
15	16QAM	1	74	21.13	21.26	21.08		
15	16QAM	36	0	19.96	20.13	19.96		
15	16QAM	36	20	19.99	20.09	19.91	21.5	2
15	16QAM	36	39	20.03	20.22	20.00		
15	16QAM	75	0	19.95	20.02	19.98		
15	64QAM	1	0	19.96	20.17	20.13		
15	64QAM	1	37	20.10	20.22	20.00	21.5	2
15	64QAM	1	74	20.08	20.20	20.08		
15	64QAM	36	0	18.91	19.16	19.09		
15	64QAM	36	20	19.01	19.14	18.96	20.5	3
15	64QAM	36	39	19.07	19.18	19.02		
15	64QAM	75	0	18.92	19.04	18.99		
15	256QAM	1	0	16.93	17.14	16.89		
15	256QAM	1	37	16.89	17.03	16.94	18.5	5
15	256QAM	1	74	17.04	17.10	16.91		
15	256QAM	36	0	16.95	17.08	16.90		
15	256QAM	36	20	16.93	17.10	16.84	18.5	5
15	256QAM	36	39	16.93	16.99	16.92		
15	256QAM	75	0	16.94	17.08	16.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.06	21.93	22.00	23.5	0
10	QPSK	1	25	21.98	21.97	22.02		
10	QPSK	1	49	22.00	22.03	22.20		
10	QPSK	25	0	21.19	21.02	21.28	22.5	1
10	QPSK	25	12	21.20	21.05	21.22		
10	QPSK	25	25	21.21	21.01	21.20		
10	QPSK	50	0	21.16	20.98	21.16		
10	16QAM	1	0	21.22	21.26	21.05		
10	16QAM	1	25	21.09	21.18	21.22	22.5	1
10	16QAM	1	49	21.09	21.26	21.08		
10	16QAM	25	0	19.97	20.03	19.92		
10	16QAM	25	12	19.99	20.14	19.94	21.5	2
10	16QAM	25	25	20.10	20.18	20.08		
10	16QAM	50	0	20.02	19.97	19.92		
10	64QAM	1	0	20.05	20.20	20.04		
10	64QAM	1	25	20.05	20.23	20.04	21.5	2
10	64QAM	1	49	20.12	20.18	20.13		
10	64QAM	25	0	18.92	19.05	19.08		
10	64QAM	25	12	19.04	19.13	18.96	20.5	3
10	64QAM	25	25	19.05	19.12	19.04		
10	64QAM	50	0	18.96	18.95	18.91		
10	256QAM	1	0	17.00	17.14	16.92		
10	256QAM	1	25	16.84	17.14	16.90	18.5	5
10	256QAM	1	49	17.06	17.11	17.01		
10	256QAM	25	0	16.88	17.03	16.88		
10	256QAM	25	12	16.89	17.13	16.86	18.5	5
10	256QAM	25	25	16.92	17.07	16.91		
10	256QAM	50	0	16.85	17.11	16.96		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.09	21.99	21.90	23.5	0
5	QPSK	1	12	22.17	22.07	22.20		
5	QPSK	1	24	22.09	22.09	22.17		
5	QPSK	12	0	21.15	21.07	21.25		
5	QPSK	12	7	21.11	20.98	21.20	22.5	1
5	QPSK	12	13	21.25	21.08	21.19		
5	QPSK	25	0	21.19	20.97	21.12		
5	16QAM	1	0	21.20	21.28	21.08		
5	16QAM	1	12	21.10	21.25	21.13	22.5	1
5	16QAM	1	24	21.14	21.30	21.13		
5	16QAM	12	0	19.94	20.06	19.90		
5	16QAM	12	7	19.92	20.05	19.94	21.5	2
5	16QAM	12	13	20.03	20.22	20.00		
5	16QAM	25	0	19.96	20.05	19.92		
5	64QAM	1	0	19.96	20.18	20.13		
5	64QAM	1	12	20.04	20.17	20.02	21.5	2
5	64QAM	1	24	20.08	20.13	20.10		
5	64QAM	12	0	18.99	19.10	19.11		
5	64QAM	12	7	19.06	19.09	18.99	20.5	3
5	64QAM	12	13	19.05	19.12	18.98		
5	64QAM	25	0	18.90	18.95	18.91		
5	256QAM	1	0	16.90	17.12	16.92		
5	256QAM	1	12	16.86	17.10	16.94	18.5	5
5	256QAM	1	24	17.09	17.15	16.97		
5	256QAM	12	0	16.87	17.08	16.89		
5	256QAM	12	7	16.93	17.10	16.92	18.5	5
5	256QAM	12	13	16.96	17.03	16.94		
5	256QAM	25	0	16.91	17.02	16.90		

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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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.59	21.64	21.63	22.5	0
20	QPSK	1	49	21.58	21.52	21.60		
20	QPSK	1	99	21.53	21.54	21.60		
20	QPSK	50	0	21.56	21.59	21.57	22.5	0
20	QPSK	50	24	21.53	21.54	21.51		
20	QPSK	50	50	21.55	21.51	21.49		
20	QPSK	100	0	21.52	21.56	21.53		
20	16QAM	1	0	21.49	21.57	21.55		
20	16QAM	1	49	21.48	21.55	21.53	22.5	0
20	16QAM	1	99	21.44	21.53	21.52		
20	16QAM	50	0	21.49	21.54	21.52		
20	16QAM	50	24	21.37	21.45	21.44	22.5	0
20	16QAM	50	50	21.44	21.53	21.53		
20	16QAM	100	0	21.42	21.51	21.48		
20	64QAM	1	0	21.50	21.57	21.53		
20	64QAM	1	49	21.48	21.55	21.55	22.5	0
20	64QAM	1	99	21.56	21.61	21.59		
20	64QAM	50	0	20.99	21.05	21.05		
20	64QAM	50	24	20.95	21.03	21.02	22	0.5
20	64QAM	50	50	20.96	21.02	20.99		
20	64QAM	100	0	20.91	21.00	20.97		
20	256QAM	1	0	19.01	19.09	19.06		
20	256QAM	1	49	18.94	19.01	18.97	20	2.5
20	256QAM	1	99	18.93	19.04	19.03		
20	256QAM	50	0	18.99	19.03	19.01		
20	256QAM	50	24	19.04	19.02	18.99	20	2.5
20	256QAM	50	50	18.93	19.07	19.06		
20	256QAM	100	0	19.01	19.09	19.06		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.52	21.58	21.62	22.5	0
15	QPSK	1	37	21.53	21.48	21.55		
15	QPSK	1	74	21.61	21.49	21.56		
15	QPSK	36	0	21.47	21.53	21.52		
15	QPSK	36	20	21.46	21.52	21.49	22.5	0
15	QPSK	36	39	21.49	21.48	21.48		
15	QPSK	75	0	21.50	21.50	21.52		
15	16QAM	1	0	21.46	21.55	21.49		
15	16QAM	1	37	21.44	21.51	21.50	22.5	0
15	16QAM	1	74	21.39	21.52	21.47		
15	16QAM	36	0	21.44	21.53	21.46		
15	16QAM	36	20	21.30	21.44	21.37	22.5	0
15	16QAM	36	39	21.43	21.51	21.49		
15	16QAM	75	0	21.36	21.48	21.41		
15	64QAM	1	0	21.47	21.50	21.50		
15	64QAM	1	37	21.43	21.53	21.51	22.5	0
15	64QAM	1	74	21.49	21.54	21.58		
15	64QAM	36	0	20.93	21.01	20.99		
15	64QAM	36	20	20.93	20.96	21.00	22	0.5
15	64QAM	36	39	20.95	20.99	20.93		
15	64QAM	75	0	20.87	20.94	20.91		
15	256QAM	1	0	18.98	19.04	19.05		
15	256QAM	1	37	18.87	18.99	18.95	20	2.5
15	256QAM	1	74	18.89	18.98	18.97		
15	256QAM	36	0	18.92	19.01	18.95		
15	256QAM	36	20	19.03	18.95	18.98	20	2.5
15	256QAM	36	39	18.87	19.01	19.00		
15	256QAM	75	0	18.97	19.03	19.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.53	21.61	21.60	22.5	0
10	QPSK	1	25	21.56	21.51	21.56		
10	QPSK	1	49	21.62	21.53	21.60		
10	QPSK	25	0	21.51	21.56	21.54	22.5	0
10	QPSK	25	12	21.50	21.51	21.45		
10	QPSK	25	25	21.52	21.44	21.46		
10	QPSK	50	0	21.46	21.55	21.51		
10	16QAM	1	0	21.47	21.52	21.49		
10	16QAM	1	25	21.43	21.49	21.47	22.5	0
10	16QAM	1	49	21.37	21.49	21.50		
10	16QAM	25	0	21.46	21.50	21.50		
10	16QAM	25	12	21.35	21.40	21.41	22.5	0
10	16QAM	25	25	21.41	21.48	21.51		
10	16QAM	50	0	21.35	21.45	21.43		
10	64QAM	1	0	21.47	21.52	21.49		
10	64QAM	1	25	21.46	21.50	21.52	22.5	0
10	64QAM	1	49	21.53	21.54	21.53		
10	64QAM	25	0	20.92	21.03	21.01		
10	64QAM	25	12	20.93	20.98	21.01	22	0.5
10	64QAM	25	25	20.95	20.96	20.93		
10	64QAM	50	0	20.88	20.98	20.96		
10	256QAM	1	0	18.96	19.02	19.03		
10	256QAM	1	25	18.88	18.94	18.92	20	2.5
10	256QAM	1	49	18.88	19.03	18.98		
10	256QAM	25	0	18.98	18.97	18.99		
10	256QAM	25	12	19.01	18.95	18.94	20	2.5
10	256QAM	25	25	18.89	19.02	19.01		
10	256QAM	50	0	18.99	19.02	19.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.56	21.58	21.69	22.5	0
5	QPSK	1	12	21.57	21.50	21.55		
5	QPSK	1	24	21.62	21.48	21.61		
5	QPSK	12	0	21.52	21.56	21.52		
5	QPSK	12	7	21.49	21.48	21.45	22.5	0
5	QPSK	12	13	21.50	21.50	21.49		
5	QPSK	25	0	21.49	21.55	21.51		
5	16QAM	1	0	21.45	21.51	21.51		
5	16QAM	1	12	21.47	21.55	21.50	22.5	0
5	16QAM	1	24	21.42	21.47	21.50		
5	16QAM	12	0	21.47	21.50	21.47		
5	16QAM	12	7	21.31	21.40	21.41	22.5	0
5	16QAM	12	13	21.40	21.48	21.53		
5	16QAM	25	0	21.39	21.45	21.42		
5	64QAM	1	0	21.50	21.52	21.47		
5	64QAM	1	12	21.45	21.54	21.50	22.5	0
5	64QAM	1	24	21.52	21.57	21.54		
5	64QAM	12	0	20.95	20.99	21.03		
5	64QAM	12	7	20.91	20.97	21.01	22	0.5
5	64QAM	12	13	20.95	21.00	20.98		
5	64QAM	25	0	20.85	20.99	20.92		
5	256QAM	1	0	19.01	19.05	19.03		
5	256QAM	1	12	18.94	18.95	18.92	20	2.5
5	256QAM	1	24	18.91	18.98	19.02		
5	256QAM	12	0	18.96	18.97	18.96		
5	256QAM	12	7	19.02	18.98	18.93	20	2.5
5	256QAM	12	13	18.90	19.07	19.03		
5	256QAM	25	0	19.00	19.09	19.02		

DSI 4

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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.84	22.92	22.82		
20	QPSK	1	49	22.79	22.84	22.80	23	0
20	QPSK	1	99	22.83	22.89	22.81		
20	QPSK	50	0	22.89	22.91	22.84		
20	QPSK	50	24	22.82	22.79	22.77	23	0
20	QPSK	50	50	22.74	22.80	22.76		
20	QPSK	100	0	22.82	22.89	22.84		
20	16QAM	1	0	22.77	22.78	22.84		
20	16QAM	1	49	22.85	22.88	22.82	23	0
20	16QAM	1	99	22.89	22.86	22.84		
20	16QAM	50	0	22.81	22.78	22.76		
20	16QAM	50	24	22.82	22.79	22.78	23	0
20	16QAM	50	50	22.78	22.77	22.76		
20	16QAM	100	0	22.88	22.83	22.88		
20	64QAM	1	0	22.84	22.79	22.85		
20	64QAM	1	49	22.81	22.87	22.84	23	0
20	64QAM	1	99	22.79	22.85	22.83		
20	64QAM	50	0	21.87	21.78	21.82		
20	64QAM	50	24	21.88	21.87	21.83	22	1
20	64QAM	50	50	21.85	21.86	21.86		
20	64QAM	100	0	21.84	21.88	21.83		
20	256QAM	1	0	19.82	19.80	19.77		
20	256QAM	1	49	19.81	19.77	19.85	20	3
20	256QAM	1	99	19.76	19.70	19.80		
20	256QAM	50	0	19.85	19.83	19.83		
20	256QAM	50	24	19.79	19.69	19.81	20	3
20	256QAM	50	50	19.85	19.78	19.85		
20	256QAM	100	0	19.83	19.84	19.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.79	22.87	22.72		
15	QPSK	1	37	22.59	22.77	22.61	23	0
15	QPSK	1	74	22.78	22.84	22.73		
15	QPSK	36	0	22.76	22.83	22.68		
15	QPSK	36	20	22.72	22.69	22.58	23	0
15	QPSK	36	39	22.64	22.69	22.59		
15	QPSK	75	0	22.66	22.81	22.67		
15	16QAM	1	0	22.62	22.72	22.69		
15	16QAM	1	37	22.61	22.78	22.74	23	0
15	16QAM	1	74	22.82	22.72	22.79		
15	16QAM	36	0	22.66	22.73	22.61		
15	16QAM	36	20	22.69	22.71	22.72	23	0
15	16QAM	36	39	22.61	22.67	22.62		
15	16QAM	75	0	22.74	22.78	22.74		
15	64QAM	1	0	22.76	22.63	22.76		
15	64QAM	1	37	22.69	22.68	22.65	23	0
15	64QAM	1	74	22.61	22.68	22.72		
15	64QAM	36	0	21.70	21.62	21.74		
15	64QAM	36	20	21.75	21.75	21.69	22	1
15	64QAM	36	39	21.73	21.72	21.68		
15	64QAM	75	0	21.71	21.69	21.75		
15	256QAM	1	0	19.66	19.68	19.61		
15	256QAM	1	37	19.74	19.66	19.76	20	3
15	256QAM	1	74	19.61	19.54	19.65		
15	256QAM	36	0	19.79	19.66	19.85		
15	256QAM	36	20	19.69	19.50	19.74	20	3
15	256QAM	36	39	19.76	19.61	19.68		
15	256QAM	75	0	19.65	19.67	19.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.74	22.82	22.82		
10	QPSK	1	25	22.73	22.74	22.83	23	0
10	QPSK	1	49	22.64	22.82	22.64		
10	QPSK	25	0	22.64	22.74	22.68		
10	QPSK	25	12	22.65	22.65	22.57	23	0
10	QPSK	25	25	22.55	22.63	22.59		
10	QPSK	50	0	22.64	22.74	22.73		
10	16QAM	1	0	22.63	22.84	22.77		
10	16QAM	1	25	22.62	22.74	22.85	23	0
10	16QAM	1	49	22.78	22.74	22.74		
10	16QAM	25	0	22.65	22.60	22.58		
10	16QAM	25	12	22.78	22.64	22.72	23	0
10	16QAM	25	25	22.65	22.65	22.66		
10	16QAM	50	0	22.70	22.73	22.77		
10	64QAM	1	0	22.76	22.62	22.77		
10	64QAM	1	25	22.69	22.67	22.78	23	0
10	64QAM	1	49	22.68	22.69	22.77		
10	64QAM	25	0	21.71	21.61	21.71		
10	64QAM	25	12	21.75	21.77	21.83	22	1
10	64QAM	25	25	21.72	21.70	21.80		
10	64QAM	50	0	21.75	21.69	21.78		
10	256QAM	1	0	19.63	19.63	19.66		
10	256QAM	1	25	19.68	19.64	19.79	20	3
10	256QAM	1	49	19.59	19.57	19.72		
10	256QAM	25	0	19.70	19.57	19.64		
10	256QAM	25	12	19.61	19.63	19.71	20	3
10	256QAM	25	25	19.76	19.72	19.77		
10	256QAM	50	0	19.68	19.68	19.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.65	22.82	22.67		
5	QPSK	1	12	22.73	22.76	22.83	23	0
5	QPSK	1	24	22.72	22.78	22.73		
5	QPSK	12	0	22.78	22.77	22.69		
5	QPSK	12	7	22.62	22.68	22.71	23	0
5	QPSK	12	13	22.65	22.75	22.63		
5	QPSK	25	0	22.66	22.84	22.73		
5	16QAM	1	0	22.69	22.58	22.72		
5	16QAM	1	12	22.69	22.71	22.73	23	0
5	16QAM	1	24	22.71	22.75	22.79		
5	16QAM	12	0	22.71	22.67	22.60		
5	16QAM	12	7	22.75	22.66	22.70	23	0
5	16QAM	12	13	22.70	22.72	22.59		
5	16QAM	25	0	22.77	22.76	22.81		
5	64QAM	1	0	22.70	22.63	22.70		
5	64QAM	1	12	22.70	22.76	22.73	23	0
5	64QAM	1	24	22.65	22.72	22.64		
5	64QAM	12	0	21.75	21.67	21.67		
5	64QAM	12	7	21.71	21.72	21.69	22	1
5	64QAM	12	13	21.78	21.77	21.70		
5	64QAM	25	0	21.74	21.68	21.74		
5	256QAM	1	0	19.64	19.65	19.59		
5	256QAM	1	12	19.70	19.71	19.72	20	3
5	256QAM	1	24	19.60	19.59	19.60		
5	256QAM	12	0	19.68	19.64	19.66		
5	256QAM	12	7	19.70	19.57	19.74	20	3
5	256QAM	12	13	19.75	19.63	19.66		
5	256QAM	25	0	19.73	19.70	19.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.73	22.78	22.77		
3	QPSK	1	8	22.68	22.71	22.62	23	0
3	QPSK	1	14	22.68	22.72	22.67		
3	QPSK	8	0	22.75	22.86	22.73		
3	QPSK	8	4	22.70	22.74	22.64	23	0
3	QPSK	8	7	22.57	22.61	22.65		
3	QPSK	15	0	22.76	22.83	22.79		
3	16QAM	1	0	22.61	22.70	22.64		
3	16QAM	1	8	22.63	22.81	22.65	23	0
3	16QAM	1	14	22.76	22.76	22.64		
3	16QAM	8	0	22.81	22.65	22.63		
3	16QAM	8	4	22.69	22.74	22.73	23	0
3	16QAM	8	7	22.60	22.60	22.61		
3	16QAM	15	0	22.72	22.63	22.66		
3	64QAM	1	0	22.67	22.64	22.68		
3	64QAM	1	8	22.70	22.79	22.69	23	0
3	64QAM	1	14	22.70	22.78	22.72		
3	64QAM	8	0	21.77	21.64	21.65		
3	64QAM	8	4	21.81	21.82	21.68	22	1
3	64QAM	8	7	21.72	21.73	21.76		
3	64QAM	15	0	21.64	21.78	21.64		
3	256QAM	1	0	19.73	19.69	19.59		
3	256QAM	1	8	19.76	19.57	19.73	20	3
3	256QAM	1	14	19.56	19.52	19.69		
3	256QAM	8	0	19.73	19.59	19.75		
3	256QAM	8	4	19.67	19.54	19.71	20	3
3	256QAM	8	7	19.73	19.66	19.73		
3	256QAM	15	0	19.72	19.70	19.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.70	22.85	22.71		
1.4	QPSK	1	3	22.73	22.76	22.85		
1.4	QPSK	1	5	22.77	22.80	22.71	23	0
1.4	QPSK	3	0	22.77	22.72	22.76		
1.4	QPSK	3	1	22.61	22.63	22.63		
1.4	QPSK	3	3	22.65	22.69	22.62		
1.4	QPSK	6	0	22.67	22.84	22.69	23	0
1.4	16QAM	1	0	22.72	22.67	22.67		
1.4	16QAM	1	3	22.66	22.77	22.62		
1.4	16QAM	1	5	22.70	22.66	22.66	23	0
1.4	16QAM	3	0	22.74	22.72	22.66		
1.4	16QAM	3	1	22.76	22.73	22.66		
1.4	16QAM	3	3	22.65	22.63	22.60		
1.4	16QAM	6	0	22.69	22.78	22.62	23	0
1.4	64QAM	1	0	22.76	22.66	22.79		
1.4	64QAM	1	3	22.63	22.76	22.71		
1.4	64QAM	1	5	22.73	22.73	22.70	23	0
1.4	64QAM	3	0	22.71	22.59	22.62		
1.4	64QAM	3	1	22.53	22.60	22.52		
1.4	64QAM	3	3	22.63	22.62	22.57		
1.4	64QAM	6	0	21.71	21.79	21.65	22	1
1.4	256QAM	1	0	19.66	19.72	19.66		
1.4	256QAM	1	3	19.68	19.72	19.75		
1.4	256QAM	1	5	19.56	19.55	19.68	20	3
1.4	256QAM	3	0	19.69	19.69	19.65		
1.4	256QAM	3	1	19.72	19.56	19.69		
1.4	256QAM	3	3	19.67	19.72	19.77		
1.4	256QAM	6	0	19.77	19.78	19.77	20	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)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.38	16.46	16.34		
20	QPSK	1	49	16.32	16.35	16.33	16.5	0
20	QPSK	1	99	16.33	16.33	16.33		
20	QPSK	50	0	16.32	16.37	16.34		
20	QPSK	50	24	16.29	16.35	16.33	16.5	0
20	QPSK	50	50	16.31	16.26	16.33		
20	QPSK	100	0	16.34	16.36	16.33		
20	16QAM	1	0	16.34	16.39	16.37		
20	16QAM	1	49	16.38	16.35	16.28	16.5	0
20	16QAM	1	99	16.35	16.36	16.32		
20	16QAM	50	0	16.31	16.29	16.33		
20	16QAM	50	24	16.27	16.27	16.21	16.5	0
20	16QAM	50	50	16.28	16.36	16.35		
20	16QAM	100	0	16.33	16.35	16.34		
20	64QAM	1	0	16.31	16.27	16.34		
20	64QAM	1	49	16.29	16.29	16.31	16.5	0
20	64QAM	1	99	16.34	16.39	16.35		
20	64QAM	50	0	16.31	16.32	16.24		
20	64QAM	50	24	16.30	16.28	16.28	16.5	0
20	64QAM	50	50	16.37	16.30	16.34		
20	64QAM	100	0	16.33	16.33	16.36		
20	256QAM	1	0	16.37	16.33	16.32		
20	256QAM	1	49	16.28	16.28	16.29	16.5	0
20	256QAM	1	99	16.37	16.36	16.37		
20	256QAM	50	0	16.27	16.26	16.26		
20	256QAM	50	24	16.23	16.27	16.24	16.5	0
20	256QAM	50	50	16.25	16.25	16.23		
20	256QAM	100	0	16.15	16.19	16.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.22	16.32	16.17		
15	QPSK	1	37	16.26	16.26	16.26	16.5	0
15	QPSK	1	74	16.19	16.23	16.23		
15	QPSK	36	0	16.13	16.31	16.16		
15	QPSK	36	20	16.16	16.27	16.17	16.5	0
15	QPSK	36	39	16.13	16.20	16.18		
15	QPSK	75	0	16.29	16.23	16.25		
15	16QAM	1	0	16.15	16.28	16.28		
15	16QAM	1	37	16.16	16.30	16.22	16.5	0
15	16QAM	1	74	16.24	16.18	16.16		
15	16QAM	36	0	16.23	16.19	16.19		
15	16QAM	36	20	16.09	16.10	16.09	16.5	0
15	16QAM	36	39	16.10	16.24	16.15		
15	16QAM	75	0	16.21	16.30	16.16		
15	64QAM	1	0	16.15	16.08	16.26		
15	64QAM	1	37	16.19	16.24	16.15	16.5	0
15	64QAM	1	74	16.23	16.28	16.25		
15	64QAM	36	0	16.14	16.20	16.08		
15	64QAM	36	20	16.21	16.18	16.12	16.5	0
15	64QAM	36	39	16.31	16.16	16.22		
15	64QAM	75	0	16.28	16.24	16.25		
15	256QAM	1	0	16.31	16.26	16.22		
15	256QAM	1	37	16.11	16.20	16.18	16.5	0
15	256QAM	1	74	16.18	16.25	16.19		
15	256QAM	36	0	16.24	16.16	16.17		
15	256QAM	36	20	16.05	16.18	16.04	16.5	0
15	256QAM	36	39	16.09	16.09	16.18		
15	256QAM	75	0	16.02	16.08	16.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.32	16.26	16.23		
10	QPSK	1	25	16.12	16.18	16.21	16.5	0
10	QPSK	1	49	16.28	16.22	16.18		
10	QPSK	25	0	16.21	16.18	16.24		
10	QPSK	25	12	16.20	16.20	16.15	16.5	0
10	QPSK	25	25	16.11	16.11	16.28		
10	QPSK	50	0	16.19	16.17	16.26		
10	16QAM	1	0	16.23	16.19	16.18		
10	16QAM	1	25	16.11	16.19	16.19	16.5	0
10	16QAM	1	49	16.17	16.24	16.13		
10	16QAM	25	0	16.11	16.18	16.19		
10	16QAM	25	12	16.08	16.18	16.14	16.5	0
10	16QAM	25	25	16.10	16.22	16.27		
10	16QAM	50	0	16.28	16.21	16.14		
10	64QAM	1	0	16.23	16.19	16.25		
10	64QAM	1	25	16.19	16.19	16.11	16.5	0
10	64QAM	1	49	16.17	16.32	16.24		
10	64QAM	25	0	16.15	16.15	16.17		
10	64QAM	25	12	16.16	16.22	16.22	16.5	0
10	64QAM	25	25	16.32	16.19	16.24		
10	64QAM	50	0	16.15	16.24	16.25		
10	256QAM	1	0	16.24	16.14	16.16		
10	256QAM	1	25	16.08	16.11	16.18	16.5	0
10	256QAM	1	49	16.17	16.31	16.17		
10	256QAM	25	0	16.13	16.12	16.20		
10	256QAM	25	12	16.03	16.15	16.10	16.5	0
10	256QAM	25	25	16.06	16.18	16.05		
10	256QAM	50	0	16.08	16.02	16.04		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.23	16.28	16.22		
5	QPSK	1	12	16.22	16.23	16.17	16.5	0
5	QPSK	1	24	16.20	16.21	16.13		
5	QPSK	12	0	16.17	16.30	16.23		
5	QPSK	12	7	16.16	16.22	16.22	16.5	0
5	QPSK	12	13	16.18	16.06	16.20		
5	QPSK	25	0	16.20	16.19	16.28		
5	16QAM	1	0	16.27	16.19	16.31		
5	16QAM	1	12	16.18	16.19	16.12	16.5	0
5	16QAM	1	24	16.18	16.21	16.26		
5	16QAM	12	0	16.20	16.20	16.20		
5	16QAM	12	7	16.18	16.09	16.07	16.5	0
5	16QAM	12	13	16.13	16.19	16.22		
5	16QAM	25	0	16.25	16.17	16.29		
5	64QAM	1	0	16.23	16.15	16.18		
5	64QAM	1	12	16.19	16.13	16.22	16.5	0
5	64QAM	1	24	16.19	16.20	16.18		
5	64QAM	12	0	16.23	16.15	16.16		
5	64QAM	12	7	16.23	16.09	16.19	16.5	0
5	64QAM	12	13	16.17	16.14	16.25		
5	64QAM	25	0	16.24	16.15	16.18		
5	256QAM	1	0	16.18	16.24	16.14		
5	256QAM	1	12	16.13	16.17	16.15	16.5	0
5	256QAM	1	24	16.21	16.32	16.19		
5	256QAM	12	0	16.11	16.23	16.21		
5	256QAM	12	7	16.08	16.22	16.05	16.5	0
5	256QAM	12	13	16.05	16.11	16.11		
5	256QAM	25	0	16.04	15.99	15.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.22	16.32	16.24		
3	QPSK	1	8	16.20	16.17	16.23	16.5	0
3	QPSK	1	14	16.26	16.20	16.14		
3	QPSK	8	0	16.21	16.18	16.26		
3	QPSK	8	4	16.17	16.27	16.19		
3	QPSK	8	7	16.19	16.07	16.21		
3	QPSK	15	0	16.28	16.19	16.28		
3	16QAM	1	0	16.15	16.20	16.27		
3	16QAM	1	8	16.14	16.25	16.16	16.5	0
3	16QAM	1	14	16.25	16.28	16.24		
3	16QAM	8	0	16.13	16.24	16.18		
3	16QAM	8	4	16.17	16.21	16.05	16.5	0
3	16QAM	8	7	16.18	16.16	16.27		
3	16QAM	15	0	16.27	16.15	16.15		
3	64QAM	1	0	16.17	16.22	16.24		
3	64QAM	1	8	16.11	16.21	16.15	16.5	0
3	64QAM	1	14	16.21	16.20	16.18		
3	64QAM	8	0	16.13	16.25	16.09		
3	64QAM	8	4	16.14	16.22	16.18		
3	64QAM	8	7	16.17	16.15	16.21	16.5	0
3	64QAM	15	0	16.22	16.25	16.18		
3	256QAM	1	0	16.31	16.26	16.23		
3	256QAM	1	8	16.23	16.12	16.14	16.5	0
3	256QAM	1	14	16.20	16.26	16.20		
3	256QAM	8	0	16.22	16.23	16.16		
3	256QAM	8	4	16.11	16.09	16.12	16.5	0
3	256QAM	8	7	16.14	16.18	16.13		
3	256QAM	15	0	16.10	16.05	15.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.21	16.26	16.22		
1.4	QPSK	1	3	16.12	16.23	16.22		
1.4	QPSK	1	5	16.14	16.23	16.15	16.5	0
1.4	QPSK	3	0	16.17	16.17	16.22		
1.4	QPSK	3	1	16.10	16.21	16.18		
1.4	QPSK	3	3	16.13	16.18	16.14		
1.4	QPSK	6	0	16.20	16.18	16.28	16.5	0
1.4	16QAM	1	0	16.14	16.29	16.22		
1.4	16QAM	1	3	16.21	16.24	16.22		
1.4	16QAM	1	5	16.15	16.21	16.27	16.5	0
1.4	16QAM	3	0	16.14	16.13	16.17		
1.4	16QAM	3	1	16.09	16.11	16.05		
1.4	16QAM	3	3	16.16	16.26	16.26		
1.4	16QAM	6	0	16.26	16.28	16.20	16.5	0
1.4	64QAM	1	0	16.12	16.22	16.23		
1.4	64QAM	1	3	16.23	16.14	16.16		
1.4	64QAM	1	5	16.20	16.23	16.16	16.5	0
1.4	64QAM	3	0	16.26	16.24	16.09		
1.4	64QAM	3	1	16.13	16.15	16.21		
1.4	64QAM	3	3	16.30	16.23	16.23		
1.4	64QAM	6	0	16.18	16.27	16.19	15.5	1
1.4	256QAM	1	0	16.32	16.22	16.12		
1.4	256QAM	1	3	16.09	16.10	16.12		
1.4	256QAM	1	5	16.26	16.31	16.23	13.5	3
1.4	256QAM	3	0	16.08	16.10	16.21		
1.4	256QAM	3	1	16.10	16.22	16.08		
1.4	256QAM	3	3	16.13	16.18	16.18		
1.4	256QAM	6	0	15.96	16.10	15.92	13.5	3

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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.17	21.29	21.14		
20	QPSK	1	49	21.15	21.16	21.13	22	0
20	QPSK	1	99	21.10	21.12	21.08		
20	QPSK	50	0	21.23	21.27	21.26		
20	QPSK	50	24	21.21	21.26	21.23	22	0
20	QPSK	50	50	21.19	21.24	21.24		
20	QPSK	100	0	21.15	21.20	21.11		
20	16QAM	1	0	21.20	21.24	21.18		
20	16QAM	1	49	21.12	21.13	21.07	22	0
20	16QAM	1	99	21.14	21.12	21.17		
20	16QAM	50	0	21.26	21.27	21.27		
20	16QAM	50	24	21.15	21.20	21.23

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.56	14.70	14.55		
20	QPSK	1	49	14.55	14.59	14.53	16	0
20	QPSK	1	99	14.55	14.52	14.53		
20	QPSK	50	0	14.60	14.61	14.54		
20	QPSK	50	24	14.50	14.54	14.50	16	0
20	QPSK	50	50	14.56	14.58	14.53		
20	QPSK	100	0	14.50	14.55	14.52		
20	16QAM	1	0	14.53	14.54	14.55		
20	16QAM	1	49	14.50	14.45	14.47	16	0
20	16QAM	1	99	14.53	14.56	14.57		
20	16QAM	50	0	14.52	14.51	14.53		
20	16QAM	50	24	14.59	14.57	14.55	16	0
20	16QAM	50	50	14.51	14.54	14.49		
20	16QAM	100	0	14.60	14.64	14.63		
20	64QAM	1	0	14.55	14.54	14.51		
20	64QAM	1	49	14.56	14.56	14.57	16	0
20	64QAM	1	99	14.50	14.50	14.50		
20	64QAM	50	0	14.51	14.54	14.50		
20	64QAM	50	24	14.57	14.53	14.52	16	0
20	64QAM	50	50	14.60	14.53	14.53		
20	64QAM	100	0	14.56	14.55	14.55		
20	256QAM	1	0	14.65	14.60	14.60		
20	256QAM	1	49	14.61	14.55	14.55	16	0
20	256QAM	1	99	14.63	14.57	14.60		
20	256QAM	50	0	14.58	14.51	14.55		
20	256QAM	50	24	14.54	14.53	14.55	16	0
20	256QAM	50	50	14.54	14.60	14.54		
20	256QAM	100	0	14.55	14.54	14.53		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.46	14.52	14.39		
15	QPSK	1	37	14.45	14.40	14.42	16	0
15	QPSK	1	74	14.41	14.41	14.37		
15	QPSK	36	0	14.42	14.47	14.41		
15	QPSK	36	20	14.42	14.45	14.38	16	0
15	QPSK	36	39	14.45	14.48	14.45		
15	QPSK	75	0	14.37	14.35	14.38		
15	16QAM	1	0	14.33	14.42	14.38		
15	16QAM	1	37	14.36	14.32	14.35	16	0
15	16QAM	1	74	14.46	14.41	14.42		
15	16QAM	36	0	14.33	14.31	14.43		
15	16QAM	36	20	14.41	14.40	14.45	16	0
15	16QAM	36	39	14.34	14.37	14.30		
15	16QAM	75	0	14.53	14.53	14.44		
15	64QAM	1	0	14.46	14.46	14.36		
15	64QAM	1	37	14.42	14.44	14.45	16	0
15	64QAM	1	74	14.42	14.40	14.32		
15	64QAM	36	0	14.45	14.39	14.35		
15	64QAM	36	20	14.46	14.44	14.42	16	0
15	64QAM	36	39	14.49	14.42	14.42		
15	64QAM	75	0	14.36	14.45	14.35		
15	256QAM	1	0	14.56	14.54	14.43		
15	256QAM	1	37	14.48	14.49	14.35	16	0
15	256QAM	1	74	14.48	14.45	14.43		
15	256QAM	36	0	14.45	14.43	14.39		
15	256QAM	36	20	14.37	14.40	14.41	16	0
15	256QAM	36	39	14.40	14.49	14.42		
15	256QAM	75	0	14.39	14.43	14.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.51	14.55	14.46		
10	QPSK	1	25	14.38	14.49	14.48	16	0
10	QPSK	1	49	14.38	14.33	14.48		
10	QPSK	25	0	14.46	14.48	14.46		
10	QPSK	25	12	14.36	14.40	14.31	16	0
10	QPSK	25	25	14.42	14.47	14.41		
10	QPSK	50	0	14.36	14.48	14.42		
10	16QAM	1	0	14.45	14.39	14.46		
10	16QAM	1	25	14.43	14.33	14.28	16	0
10	16QAM	1	49	14.36	14.44	14.39		
10	16QAM	25	0	14.40	14.46	14.46		
10	16QAM	25	12	14.49	14.43	14.40	16	0
10	16QAM	25	25	14.38	14.43	14.44		
10	16QAM	50	0	14.44	14.45	14.45		
10	64QAM	1	0	14.48	14.47	14.38		
10	64QAM	1	25	14.43	14.39	14.42	16	0
10	64QAM	1	49	14.40	14.42	14.42		
10	64QAM	25	0	14.40	14.35	14.43		
10	64QAM	25	12	14.43	14.37	14.38	16	0
10	64QAM	25	25	14.55	14.48	14.42		
10	64QAM	50	0	14.41	14.41	14.35		
10	256QAM	1	0	14.49	14.52	14.50		
10	256QAM	1	25	14.54	14.39	14.48	16	0
10	256QAM	1	49	14.52	14.44	14.53		
10	256QAM	25	0	14.41	14.45	14.35		
10	256QAM	25	12	14.42	14.36	14.37	16	0
10	256QAM	25	25	14.41	14.45	14.46		
10	256QAM	50	0	14.35	14.39	14.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.40	14.81	14.50		
5	QPSK	1	12	14.44	14.43	14.43	16	0
5	QPSK	1	24	14.41	14.46	14.46		
5	QPSK	12	0	14.46	14.47	14.43		
5	QPSK	12	7	14.36	14.43	14.30	16	0
5	QPSK	12	13	14.47	14.41	14.45		
5	QPSK	25	0	14.38	14.41	14.38		
5	16QAM	1	0	14.47	14.46	14.48		
5	16QAM	1	12	14.39	14.32	14.33	16	0
5	16QAM	1	24	14.34	14.40	14.40		
5	16QAM	12	0	14.37	14.40	14.45		
5	16QAM	12	7	14.54	14.44	14.41	16	0
5	16QAM	12	13	14.46	14.38	14.31		
5	16QAM	25	0	14.49	14.55	14.43		
5	64QAM	1	0	14.48	14.44	14.45		
5	64QAM	1	12	14.39	14.47	14.46	16	0
5	64QAM	1	24	14.31	14.37	14.30		
5	64QAM	12	0	14.38	14.45	14.33		
5	64QAM	12	7	14.38	14.41	14.37	16	0
5	64QAM	12	13	14.44	14.33	14.35		
5	64QAM	25	0	14.42	14.46	14.35		
5	256QAM	1	0	14.59	14.46	14.40		
5	256QAM	1	12	14.40	14.35	14.42	16	0
5	256QAM	1	24	14.46	14.52	14.42		
5	256QAM	12	0	14.40	14.37	14.42		
5	256QAM	12	7	14.38	14.34	14.38	16	0
5	256QAM	12	13	14.35	14.41	14.44		
5	256QAM	25	0	14.44	14.48	14.37		

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.39	16.47	16.42		
20	QPSK	1	49	16.34	16.39	16.38	17.5	0
20	QPSK	1	99	16.36	16.33	16.36		
20	QPSK	50	0	16.34	16.37	16.36		
20	QPSK	50	24	16.30	16.29	16.24	17.5	0
20	QPSK	50	50	16.33	16.32	16.35		
20	QPSK	100	0	16.37	16.40	16.30		
20	16QAM	1	0	16.37	16.30	16.31		
20	16QAM	1	49	16.36	16.38	16.40	17.5	0
20	16QAM	1	99	16.38	16.37	16.42		
20	16QAM	50	0	16.36	16.32	16.35		
20	16QAM	50	24	16.41	16.41	16.43	17.5	0
20	16QAM	50	50	16.35	16.37	16.41		
20	16QAM	100	0	16.30	16.31	16.35		
20	64QAM	1	0	16.32	16.35	16.29		
20	64QAM	1	49	16.33	16.31	16.32	17.5	0
20	64QAM	1	99	16.30	16.33	16.31		
20	64QAM	50	0	16.28	16.29	16.30		
20	64QAM	50	24	16.41	16.36	16.41	17.5	0
20	64QAM	50	50	16.31	16.29	16.32		
20	64QAM	100	0	16.35	16.30	16.28		
20	256QAM	1	0	16.34	16.27	16.27		
20	256QAM	1	49	16.31	16.35	16.32	17.5	0
20	256QAM	1	99	16.46	16.42	16.41		
20	256QAM	50	0	16.33	16.32	16.34		
20	256QAM	50	24	16.30	16.27	16.30	17.5	0
20	256QAM	50	50	16.31	16.36	16.35		
20	256QAM	100	0	16.33	16.35	16.38		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.34	16.42	16.28		
15	QPSK	1	37	16.26	16.33	16.22	17.5	0
15	QPSK	1	74	16.29	16.21	16.25		
15	QPSK	36	0	16.19	16.20	16.21		
15	QPSK	36	20	16.12	16.15	16.12	17.5	0
15	QPSK	36	39	16.27	16.28	16.18		
15	QPSK	75	0	16.19	16.27	16.16		
15	16QAM	1	0	16.30	16.22	16.17		
15	16QAM	1	37	16.16	16.26	16.35	17.5	0
15	16QAM	1	74	16.29	16.24	16.25		
15	16QAM	36	0	16.18	16.17	16.18		
15	16QAM	36	20	16.23	16.29	16.30	17.5	0
15	16QAM	36	39	16.18	16.32	16.27		
15	16QAM	75	0	16.22	16.14	16.28		
15	64QAM	1	0	16.17	16.16	16.09		
15	64QAM	1	37	16.15	16.12	16.27	17.5	0
15	64QAM	1	74	16.23	16.14	16.16		
15	64QAM	36	0	16.12	16.23	16.13		
15	64QAM	36	20	16.31	16.28	16.27	17.5	0
15	64QAM	36	39	16.17	16.24	16.19		
15	64QAM	75	0	16.15	16.20	16.17		
15	256QAM	1	0	16.29	16.13	16.07		
15	256QAM	1	37	16.17	16.28	16.14	17.5	0
15	256QAM	1	74	16.26	16.34	16.24		
15	256QAM	36	0	16.18	16.18	16.27		
15	256QAM	36	20	16.23	16.17	16.16	17.5	0
15	256QAM	36	39	16.17	16.21	16.23		
15	256QAM	75	0	16.13	16.26	16.28		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.23	16.27	16.37		
10	QPSK	1	25	16.27	16.21	16.24	17.5	0
10	QPSK	1	49	16.20	16.14	16.24		
10	QPSK	25	0	16.29	16.19	16.17		
10	QPSK	25	12	16.10	16.15	16.19	17.5	0
10	QPSK	25	25	16.26	16.25	16.20		
10	QPSK	50	0	16.30	16.32	16.25		
10	16QAM	1	0	16.19	16.20	16.20		
10	16QAM	1	25	16.22	16.23	16.20	17.5	0
10	16QAM	1	49	16.30	16.20	16.23		
10	16QAM	25	0	16.22	16.26	16.29		
10	16QAM	25	12	16.27	16.28	16.37	17.5	0
10	16QAM	25	25	16.29	16.26	16.24		
10	16QAM	50	0	16.18	16.17	16.21		
10	64QAM	1	0	16.12	16.17	16.20		
10	64QAM	1	25	16.26	16.23	16.18	17.5	0
10	64QAM	1	49	16.16	16.13	16.11		
10	64QAM	25	0	16.13	16.22	16.24		
10	64QAM	25	12	16.36	16.31	16.32	17.5	0
10	64QAM	25	25	16.25	16.18	16.26		
10	64QAM	50	0	16.24	16.15	16.20		
10	256QAM	1	0	16.15	16.20	16.07		
10	256QAM	1	25	16.16	16.16	16.27	17.5	0
10	256QAM	1	49	16.30	16.30	16.35		
10	256QAM	25	0	16.20	16.18	16.16		
10	256QAM	25	12	16.16	16.20	16.23	17.5	0
10	256QAM	25	25	16.25	16.29	16.16		
10	256QAM	50	0	16.24	16.26	16.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.34	16.35	16.23		
5	QPSK	1	12	16.18	16.19	16.26	17.5	0
5	QPSK	1	24	16.28	16.21	16.25		
5	QPSK	12	0	16.29	16.25	16.23		
5	QPSK	12	7	16.23	16.12	16.06	17.5	0
5	QPSK	12	13	16.23	16.23	16.17		
5	QPSK	25	0	16.30	16.26	16.24		
5	16QAM	1	0	16.24	16.17	16.19		
5	16QAM	1	12	16.21	16.29	16.26	17.5	0
5	16QAM	1	24	16.33	16.28	16.36		
5	16QAM	12	0	16.28	16.14	16.15		
5	16QAM	12	7	16.36	16.24	16.31	17.5	0
5	16QAM	12	13	16.21	16.20	16.21		
5	16QAM	25	0	16.13	16.20	16.28		
5	64QAM	1	0	16.24	16.26	16.17		
5	64QAM	1	12	16.23	16.18	16.15	17.5	0
5	64QAM	1	24	16.24	16.17	16.14		
5	64QAM	12	0	16.10	16.12	16.23		
5	64QAM	12	7	16.21	16.19	16.32	17.5	0
5	64QAM	12	13	16.20	16.17	16.14		
5	64QAM	25	0	16.27	16.13	16.20		
5	256QAM	1	0	16.24	16.15	16.22		
5	256QAM	1	12	16.20	16.21	16.26	17.5	0
5	256QAM	1	24	16.26	16.23	16.31		
5	256QAM	12	0	16.18	16.18	16.27		
5	256QAM	12	7	16.10	16.15	16.11	17.5	0
5	256QAM	12	13	16.19	16.26	16.24		
5	256QAM	25	0	16.26	16.15	16.33		

Full Power level/Default Power level for 5G NR-ENDC
For DFT-15

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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.46	23.47	23.36	24.5	0.0
50	PI/2 BPSK	1	135	23.12	23.15	23.09		
50	PI/2 BPSK	1	268	23.30	23.40	23.28		
50	PI/2 BPSK	135	0	23.22	23.23	23.16	24.0	0.5
50	PI/2 BPSK	135	68	23.24	23.28	23.18	24.5	0.0
50	PI/2 BPSK	135	135	23.12	23.18	23.09	24.0	0.5
50	PI/2 BPSK	270	0	23.23	23.25	23.17		
50	QPSK	1	1	23.32	23.39	23.28	24.5	0.0
50	QPSK	1	135	23.04	23.12	22.96		
50	QPSK	1	268	23.31	23.31	23.15		
50	QPSK	135	0	22.63	22.64	22.52	23.5	1.0
50	QPSK	135	68	23.10	23.17	23.05	24.5	0.0
50	QPSK	135	135	22.46	22.53	22.43	23.5	1.0
50	QPSK	270	0	22.53	22.63	22.56		
50	16QAM	1	1	22.61	22.66	22.52	23.5	1.0
50	64QAM	1	1	21.19	21.26	21.19	22.0	2.5
50	256QAM	1	1	19.88	19.98	19.83	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.33	23.40	23.20	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	23.33	23.35	23.30	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.33	23.38	23.22	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.31	23.37	23.31	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	23.30	23.32	23.26	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	23.35	23.38	23.28	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	23.30	23.33	23.28	24.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.93	21.95	21.85	22.5	0.0
50	PI/2 BPSK	1	135	21.65	21.69	21.63		
50	PI/2 BPSK	1	268	21.84	21.94	21.83		
50	PI/2 BPSK	135	0	21.68	21.69	21.67	22.0	0.5
50	PI/2 BPSK	135	68	21.70	21.71	21.68	22.5	0.0
50	PI/2 BPSK	135	135	21.69	21.70	21.65	22.0	0.5
50	PI/2 BPSK	270	0	21.72	21.73	21.68		
50	QPSK	1	1	21.76	21.86	21.70	22.5	0.0
50	QPSK	1	135	21.58	21.69	21.58		
50	QPSK	1	268	21.77	21.83	21.76		
50	QPSK	135	0	21.21	21.35	21.20	21.5	1.0
50	QPSK	135	68	21.50	21.55	21.46	22.5	0.0
50	QPSK	135	135	21.41	21.44	21.39	21.5	1.0
50	QPSK	270	0	21.29	21.39	21.28		
50	16QAM	1	1	21.30	21.36	21.29	21.5	1.0
50	64QAM	1	1	19.87	19.99	19.86	20.0	2.5
50	256QAM	1	1	17.77	17.83	17.71	18.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.81	21.90	21.80	22.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.78	21.88	21.73	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.81	21.85	21.78	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.79	21.90	21.79	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.86	21.89	21.73	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.83	21.87	21.75	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.78	21.90	21.76	22.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.25	22.28	22.17		
50	PI/2 BPSK	1	135	21.80	21.84	21.79	23.5	0.0
50	PI/2 BPSK	1	268	22.11	22.26	22.10		
50	PI/2 BPSK	135	0	21.53	21.58	21.47	23.0	0.5
50	PI/2 BPSK	135	68	21.98	22.02	21.92	23.5	0.0
50	PI/2 BPSK	135	135	21.50	21.53	21.39	23.0	0.5
50	PI/2 BPSK	270	0	21.49	21.54	21.42		
50	QPSK	1	1	22.11	22.18	22.05		
50	QPSK	1	135	21.89	21.95	21.89	23.5	0.0
50	QPSK	1	268	22.07	22.10	22.00		
50	QPSK	135	0	20.98	21.00	20.88	22.5	1.0
50	QPSK	135	68	21.88	21.90	21.82	23.5	0.0
50	QPSK	135	135	20.84	20.91	20.80	22.5	1.0
50	QPSK	270	0	20.87	20.92	20.78		
50	16QAM	1	1	20.92	20.93	20.86	22.5	1.0
50	64QAM	1	1	19.42	19.52	19.40	21.0	2.5
50	256QAM	1	1	18.08	18.17	18.04	19.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.11	22.15	22.05	23.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.10	22.16	22.02	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	22.11	22.16	22.03	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.10	22.23	22.09	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.15	22.16	22.08	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.13	22.17	22.06	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.15	22.18	22.09	23.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.03	24.12	23.96		
50	PI/2 BPSK	1	135	23.81	23.82	23.80	25.0	0.0
50	PI/2 BPSK	1	268	23.94	24.11	23.90		
50	PI/2 BPSK	135	0	23.30	23.35	23.28	24.5	0.5
50	PI/2 BPSK	135	68	23.82	23.88	23.80	25.0	0.0
50	PI/2 BPSK	135	135	23.34	23.41	23.32	24.5	0.5
50	PI/2 BPSK	270	0	23.33	23.35	23.26		
50	QPSK	1	1	24.04	24.08	23.95		
50	QPSK	1	135	23.72	23.78	23.70	25.0	0.0
50	QPSK	1	268	23.95	24.06	23.91		
50	QPSK	135	0	22.68	22.79	22.64	24.0	1.0
50	QPSK	135	68	23.77	23.80	23.72	25.0	0.0
50	QPSK	135	135	22.74	22.82	22.69	24.0	1.0
50	QPSK	270	0	22.77	22.80	22.65		
50	16QAM	1	1	22.70	22.81	22.74	24.0	1.0
50	64QAM	1	1	21.36	21.36	21.30	22.5	2.5
50	256QAM	1	1	19.32	19.38	19.22	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.87	23.96	23.84	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	23.95	24.06	23.89	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.87	24.00	23.85	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.90	24.02	23.80	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	23.93	24.06	23.91	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	23.92	23.99	23.87	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	23.97	24.01	23.89	25.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.46	23.47	23.36		
50	PI/2 BPSK	1	135	23.12	23.15	23.09	24.5	0.0
50	PI/2 BPSK	1	268	23.30	23.40	23.28		
50	PI/2 BPSK	135	0	23.22	23.23	23.16	24.0	0.5
50	PI/2 BPSK	135	68	23.24	23.28	23.18	24.5	0.0
50	PI/2 BPSK	135	135	23.12	23.18	23.09	24.0	0.5
50	PI/2 BPSK	270	0	23.23	23.25	23.17		
50	QPSK	1	1	23.32	23.39	23.28		
50	QPSK	1	135	23.04	23.12	22.96	24.5	0.0
50	QPSK	1	268	23.31	23.31	23.15		
50	QPSK	135	0	22.63	22.64	22.52	23.5	1.0
50	QPSK	135	68	23.10	23.17	23.05	24.5	0.0
50	QPSK	135	135	22.46	22.53	22.43	23.5	1.0
50	QPSK	270	0	22.53	22.63	22.56		
50	16QAM	1	1	22.61	22.66	22.52	23.5	1.0
50	64QAM	1	1	21.19	21.26	21.19	22.0	2.5
50	256QAM	1	1	19.88	19.98	19.83	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.33	23.40	23.20	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	23.33	23.35	23.30	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.33	23.38	23.22	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.31	23.37	23.31	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	23.30	23.32	23.26	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	23.35	23.38	23.28	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	23.30	23.33	23.28	24.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.93	21.95	21.85		
50	PI/2 BPSK	1	135	21.65	21.69	21.63	22.5	0.0
50	PI/2 BPSK	1	268	21.84	21.94	21.83		
50	PI/2 BPSK	135	0	21.68	21.69	21.67	22.0	0.5
50	PI/2 BPSK	135	68	21.70	21.71	21.68	22.5	0.0
50	PI/2 BPSK	135	135	21.69	21.70	21.65	22.0	0.5
50	PI/2 BPSK	270	0	21.72	21.73	21.68		
50	QPSK	1	1	21.76	21.86	21.70		
50	QPSK	1	135	21.58	21.69	21.58	22.5	0.0
50	QPSK	1	268	21.77	21.83	21.76		
50	QPSK	135	0	21.21	21.35	21.20	21.5	1.0
50	QPSK	135	68	21.50	21.55	21.46	22.5	0.0
50	QPSK	135	135	21.41	21.44	21.39	21.5	1.0
50	QPSK	270	0	21.29	21.39	21.28		
50	16QAM	1	1	21.30	21.36	21.29	21.5	1.0
50	64QAM	1	1	19.87	19.99	19.86	20.0	2.5
50	256QAM	1	1	17.77	17.83	17.71	18.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.81	21.90	21.80	22.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.78	21.88	21.73	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.81	21.85	21.78	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.79	21.90	21.79	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.86	21.89	21.73	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.83	21.87	21.75	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.78	21.90	21.76	22.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.58	14.66	14.59	15.5	0.0
50	PI/2 BPSK	1	135	14.52	14.62	14.52		
50	PI/2 BPSK	1	268	14.52	14.65	14.52		
50	PI/2 BPSK	135	0	14.51	14.58	14.59	15.5	0.0
50	PI/2 BPSK	135	68	14.59	14.62	14.60	15.5	0.0
50	PI/2 BPSK	135	135	14.56	14.53	14.50	15.5	0.0
50	PI/2 BPSK	270	0	14.64	14.65	14.58		
50	QPSK	1	1	14.60	14.56	14.58	15.5	0.0
50	QPSK	1	135	14.60	14.55	14.59		
50	QPSK	1	268	14.57	14.54	14.58		
50	QPSK	135	0	14.59	14.57	14.53	15.5	0.0
50	QPSK	135	68	14.54	14.56	14.61	15.5	0.0
50	QPSK	135	135	14.53	14.55	14.57	15.5	0.0
50	QPSK	270	0	14.56	14.58	14.64		
50	16QAM	1	1	14.63	14.60	14.60	15.5	0.0
50	64QAM	1	1	14.65	14.62	14.64	15.5	0.0
50	256QAM	1	1	14.61	14.50	14.61	15.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.52	14.48	14.45	15.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	14.46	14.57	14.49	15.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	14.42	14.49	14.47	15.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.45	14.53	14.46	15.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	14.38	14.52	14.41	15.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	14.47	14.61	14.39	15.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	14.39	14.51	14.46	15.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	13.18	13.28	13.16	14.0	0.0
50	PI/2 BPSK	1	135	13.16	13.18	13.12		
50	PI/2 BPSK	1	268	13.14	13.13	13.13		
50	PI/2 BPSK	135	0	13.06	13.11	13.14	14.0	0.0
50	PI/2 BPSK	135	68	13.14	13.25	13.15	14.0	0.0
50	PI/2 BPSK	135	135	13.08	13.18	13.10	14.0	0.0
50	PI/2 BPSK	270	0	13.19	13.24	13.20		
50	QPSK	1	1	13.27	13.26	13.25	14.0	0.0
50	QPSK	1	135	13.22	13.15	13.21		
50	QPSK	1	268	13.12	13.13	13.12		
50	QPSK	135	0	13.14	13.13	13.14	14.0	0.0
50	QPSK	135	68	13.18	13.17	13.18	14.0	0.0
50	QPSK	135	135	13.19	13.15	13.13	14.0	0.0
50	QPSK	270	0	13.23	13.26	13.10		
50	16QAM	1	1	13.12	13.18	13.19	14.0	0.0
50	64QAM	1	1	13.16	13.19	13.17	14.0	0.0
50	256QAM	1	1	13.17	13.05	13.23	14.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	13.04	13.10	12.98	14.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	13.00	13.16	13.04	14.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	12.98	13.09	12.96	14.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	13.02	13.10	13.03	14.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	13.02	13.22	13.06	14.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	13.12	13.13	13.06	14.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	13.13	13.21	13.02	14.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.47	21.49	21.43		
50	PI/2 BPSK	1	135	21.32	21.36	21.33	22.5	0.0
50	PI/2 BPSK	1	268	21.40	21.44	21.42		
50	PI/2 BPSK	135	0	21.38	21.38	21.36	22.5	0.0
50	PI/2 BPSK	135	68	21.46	21.47	21.45	22.5	0.0
50	PI/2 BPSK	135	135	21.40	21.44	21.42	22.5	0.0
50	PI/2 BPSK	270	0	21.41	21.42	21.41		
50	QPSK	1	1	21.44	21.48	21.46		
50	QPSK	1	135	21.41	21.43	21.41	22.5	0.0
50	QPSK	1	268	21.44	21.46	21.42		
50	QPSK	135	0	21.32	21.34	21.33	22.5	0.0
50	QPSK	135	68	21.42	21.45	21.40	22.5	0.0
50	QPSK	135	135	21.35	21.39	21.39	22.5	0.0
50	QPSK	270	0	21.30	21.31	21.29		
50	16QAM	1	1	21.41	21.45	21.40	22.5	0.0
50	64QAM	1	1	21.40	21.44	21.39	22.0	0.5
50	256QAM	1	1	19.20	19.22	19.16	20.0	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.29	21.37	21.23	22.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.38	21.41	21.24	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.38	21.37	21.34	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.39	21.35	21.23	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.39	21.40	21.30	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.28	21.41	21.32	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.34	21.30	21.35	22.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.93	19.97	19.91		
50	PI/2 BPSK	1	135	19.91	19.95	19.90	20.5	0.0
50	PI/2 BPSK	1	268	19.84	19.88	19.83		
50	PI/2 BPSK	135	0	19.84	19.87	19.83	20.5	0.0
50	PI/2 BPSK	135	68	19.94	19.95	19.91	20.5	0.0
50	PI/2 BPSK	135	135	19.86	19.90	19.86	20.5	0.0
50	PI/2 BPSK	270	0	19.87	19.89	19.84		
50	QPSK	1	1	19.90	19.94	19.91		
50	QPSK	1	135	19.92	19.96	19.90	20.5	0.0
50	QPSK	1	268	19.93	19.96	19.93		
50	QPSK	135	0	19.89	19.89	19.85	20.5	0.0
50	QPSK	135	68	19.91	19.93	19.89	20.5	0.0
50	QPSK	135	135	19.85	19.89	19.87	20.5	0.0
50	QPSK	270	0	19.85	19.88	19.85		
50	16QAM	1	1	19.92	19.95	19.89	20.5	0.0
50	64QAM	1	1	19.95	19.95	19.92	20.0	0.5
50	256QAM	1	1	17.70	17.70	17.64	18.0	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.80	19.82	19.84	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	19.79	19.90	19.81	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	19.85	19.87	19.84	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.82	19.91	19.73	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	19.84	19.89	19.74	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.82	19.80	19.78	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.88	19.82	19.81	20.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.08	19.54	19.00	20.5	0.0
50	PI/2 BPSK	1	135	18.81	18.77	18.78		
50	PI/2 BPSK	1	268	19.07	19.23	18.94		
50	PI/2 BPSK	135	0	18.88	19.08	18.86	20.5	0.0
50	PI/2 BPSK	135	68	19.07	19.52	19.01	20.5	0.0
50	PI/2 BPSK	135	135	19.06	18.93	18.81	20.5	0.0
50	PI/2 BPSK	270	0	18.88	19.22	18.86		
50	QPSK	1	1	18.65	18.73	18.70	20.5	0.0
50	QPSK	1	135	19.06	18.82	18.81		
50	QPSK	1	268	18.87	18.87	18.79		
50	QPSK	135	0	19.00	19.15	18.94	20.5	0.0
50	QPSK	135	68	18.84	18.68	18.82	20.5	0.0
50	QPSK	135	135	19.13	19.21	18.91	20.5	0.0
50	QPSK	270	0	18.91	19.04	18.86		
50	16QAM	1	1	18.98	19.21	19.04	20.5	0.0
50	64QAM	1	1	19.06	18.93	18.81	20.5	0.0
50	256QAM	1	1	17.38	17.72	17.36	19.0	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.90	19.07	18.82	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	18.97	19.07	18.82	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	18.88	19.19	18.95	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.01	19.17	18.94	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	18.89	19.11	18.89	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	18.94	19.17	18.83	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.01	19.08	18.82	20.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.35	19.60	19.30	20.5	0.0
50	PI/2 BPSK	1	135	19.31	19.34	19.28		
50	PI/2 BPSK	1	268	19.22	19.30	19.14		
50	PI/2 BPSK	135	0	19.12	19.13	19.12	20.5	0.0
50	PI/2 BPSK	135	68	19.13	19.58	19.15	20.5	0.0
50	PI/2 BPSK	135	135	19.12	19.10	19.14	20.5	0.0
50	PI/2 BPSK	270	0	19.06	19.12	19.06		
50	QPSK	1	1	19.01	19.09	18.93	20.5	0.0
50	QPSK	1	135	19.09	19.11	19.07		
50	QPSK	1	268	19.12	19.06	19.18		
50	QPSK	135	0	18.99	19.08	18.90	20.5	0.0
50	QPSK	135	68	19.17	19.11	19.15	20.5	0.0
50	QPSK	135	135	18.91	19.13	18.97	20.5	0.0
50	QPSK	270	0	19.00	19.09	18.91		
50	16QAM	1	1	18.98	19.16	19.05	20.5	0.0
50	64QAM	1	1	19.13	19.12	19.14	20.5	0.0
50	256QAM	1	1	19.32	19.38	19.22	20.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.23	19.43	19.18	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	19.26	19.53	19.13	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	19.25	19.47	19.19	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.21	19.46	19.18	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	19.19	19.43	19.17	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.26	19.44	19.13	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.28	19.49	19.12	20.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.46	23.47	23.36		
50	PI/2 BPSK	1	135	23.12	23.15	23.09	24.5	0.0
50	PI/2 BPSK	1	268	23.30	23.40	23.28		
50	PI/2 BPSK	135	0	23.22	23.23	23.16	24.0	0.5
50	PI/2 BPSK	135	68	23.24	23.28	23.18	24.5	0.0
50	PI/2 BPSK	135	135	23.12	23.18	23.09	24.0	0.5
50	PI/2 BPSK	270	0	23.23	23.25	23.17		
50	QPSK	1	1	23.32	23.39	23.28		
50	QPSK	1	135	23.04	23.12	22.96	24.5	0.0
50	QPSK	1	268	23.31	23.31	23.15		
50	QPSK	135	0	22.63	22.64	22.52	23.5	1.0
50	QPSK	135	68	23.10	23.17	23.05	24.5	0.0
50	QPSK	135	135	22.46	22.53	22.43	23.5	1.0
50	QPSK	270	0	22.53	22.63	22.56		
50	16QAM	1	1	22.61	22.66	22.52	23.5	1.0
50	64QAM	1	1	21.19	21.26	21.19	22.0	2.5
50	256QAM	1	1	19.88	19.98	19.83	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.33	23.40	23.20	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	23.33	23.35	23.30	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	23.33	23.38	23.22	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.31	23.37	23.31	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	23.30	23.32	23.26	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	23.35	23.38	23.28	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	23.30	23.33	23.28	24.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.93	21.95	21.85		
50	PI/2 BPSK	1	135	21.65	21.69	21.63	22.5	0.0
50	PI/2 BPSK	1	268	21.84	21.94	21.83		
50	PI/2 BPSK	135	0	21.68	21.69	21.67	22.0	0.5
50	PI/2 BPSK	135	68	21.70	21.71	21.68	22.5	0.0
50	PI/2 BPSK	135	135	21.69	21.70	21.65	22.0	0.5
50	PI/2 BPSK	270	0	21.72	21.73	21.68		
50	QPSK	1	1	21.76	21.86	21.70		
50	QPSK	1	135	21.58	21.69	21.58	22.5	0.0
50	QPSK	1	268	21.77	21.83	21.76		
50	QPSK	135	0	21.21	21.35	21.20	21.5	1.0
50	QPSK	135	68	21.50	21.55	21.46	22.5	0.0
50	QPSK	135	135	21.41	21.44	21.39	21.5	1.0
50	QPSK	270	0	21.29	21.39	21.28		
50	16QAM	1	1	21.30	21.36	21.29	21.5	1.0
50	64QAM	1	1	19.87	19.99	19.86	20.0	2.5
50	256QAM	1	1	17.77	17.83	17.71	18.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.81	21.90	21.80	22.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.78	21.88	21.73	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.81	21.85	21.78	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.79	21.90	21.79	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.86	21.89	21.73	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.83	21.87	21.75	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.78	21.90	21.76	22.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.25	22.28	22.17	23.5	0.0
50	PI/2 BPSK	1	135	21.80	21.84	21.79		
50	PI/2 BPSK	1	268	22.11	22.26	22.10		
50	PI/2 BPSK	135	0	21.53	21.58	21.47	23.0	0.5
50	PI/2 BPSK	135	68	21.98	22.02	21.92	23.5	0.0
50	PI/2 BPSK	135	135	21.50	21.53	21.39	23.0	0.5
50	PI/2 BPSK	270	0	21.49	21.54	21.42		
50	QPSK	1	1	22.11	22.18	22.05	23.5	0.0
50	QPSK	1	135	21.89	21.95	21.89		
50	QPSK	1	268	22.07	22.10	22.00		
50	QPSK	135	0	20.98	21.00	20.88	22.5	1.0
50	QPSK	135	68	21.88	21.90	21.82	23.5	0.0
50	QPSK	135	135	20.84	20.91	20.80	22.5	1.0
50	QPSK	270	0	20.87	20.92	20.78		
50	16QAM	1	1	20.92	20.93	20.86	22.5	1.0
50	64QAM	1	1	19.42	19.52	19.40	21.0	2.5
50	256QAM	1	1	18.08	18.17	18.04	19.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.11	22.15	22.05	23.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	22.10	22.16	22.02	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	22.11	22.16	22.03	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.10	22.23	22.09	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.15	22.16	22.08	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.13	22.17	22.06	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.15	22.18	22.09	23.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.05	22.14	21.98	23.0	0.0
50	PI/2 BPSK	1	135	21.83	21.84	21.82		
50	PI/2 BPSK	1	268	21.96	22.13	21.92		
50	PI/2 BPSK	135	0	21.32	21.37	21.30	22.5	0.5
50	PI/2 BPSK	135	68	21.84	21.90	21.82	23.0	0.0
50	PI/2 BPSK	135	135	21.36	21.43	21.34	22.5	0.5
50	PI/2 BPSK	270	0	21.35	21.37	21.28		
50	QPSK	1	1	22.06	22.10	21.97	23.0	0.0
50	QPSK	1	135	21.74	21.80	21.72		
50	QPSK	1	268	21.97	22.08	21.93		
50	QPSK	135	0	20.70	20.81	20.66	22.0	1.0
50	QPSK	135	68	21.79	21.82	21.74	23.0	0.0
50	QPSK	135	135	20.76	20.84	20.71	22.0	1.0
50	QPSK	270	0	20.79	20.82	20.67		
50	16QAM	1	1	20.72	20.83	20.76	22.0	1.0
50	64QAM	1	1	19.38	19.38	19.32	20.5	2.5
50	256QAM	1	1	17.34	17.40	17.24	18.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.89	21.98	21.86	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.97	22.08	21.91	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.89	22.02	21.87	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.92	22.04	21.82	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.95	22.08	21.93	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.94	22.01	21.89	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.99	22.03	21.91	23.0	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.47	21.49	21.43		
50	PI/2 BPSK	1	135	21.32	21.36	21.33	22.5	0.0
50	PI/2 BPSK	1	268	21.40	21.44	21.42		
50	PI/2 BPSK	135	0	21.38	21.38	21.36	22.5	0.0
50	PI/2 BPSK	135	68	21.46	21.47	21.45	22.5	0.0
50	PI/2 BPSK	135	135	21.40	21.44	21.42	22.5	0.0
50	PI/2 BPSK	270	0	21.41	21.42	21.41		
50	QPSK	1	1	21.44	21.48	21.46		
50	QPSK	1	135	21.41	21.43	21.41	22.5	0.0
50	QPSK	1	268	21.44	21.46	21.42		
50	QPSK	135	0	21.32	21.34	21.33	22.5	0.0
50	QPSK	135	68	21.42	21.45	21.40	22.5	0.0
50	QPSK	135	135	21.35	21.39	21.39	22.5	0.0
50	QPSK	270	0	21.30	21.31	21.29		
50	16QAM	1	1	21.41	21.45	21.40	22.5	0.0
50	64QAM	1	1	21.40	21.44	21.39	22.0	0.5
50	256QAM	1	1	19.20	19.22	19.16	20.0	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.29	21.37	21.23	22.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	21.38	21.41	21.24	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	21.38	21.37	21.34	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.39	21.35	21.23	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.39	21.40	21.30	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.28	21.41	21.32	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.34	21.30	21.35	22.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.93	19.97	19.91		
50	PI/2 BPSK	1	135	19.91	19.95	19.90	20.5	0.0
50	PI/2 BPSK	1	268	19.84	19.88	19.83		
50	PI/2 BPSK	135	0	19.84	19.87	19.83	20.5	0.0
50	PI/2 BPSK	135	68	19.94	19.95	19.91	20.5	0.0
50	PI/2 BPSK	135	135	19.86	19.90	19.86	20.5	0.0
50	PI/2 BPSK	270	0	19.87	19.89	19.84		
50	QPSK	1	1	19.90	19.94	19.91		
50	QPSK	1	135	19.92	19.96	19.90	20.5	0.0
50	QPSK	1	268	19.93	19.96	19.93		
50	QPSK	135	0	19.89	19.89	19.85	20.5	0.0
50	QPSK	135	68	19.91	19.93	19.89	20.5	0.0
50	QPSK	135	135	19.85	19.89	19.87	20.5	0.0
50	QPSK	270	0	19.85	19.88	19.85		
50	16QAM	1	1	19.92	19.95	19.89	20.5	0.0
50	64QAM	1	1	19.95	19.95	19.92	20.0	0.5
50	256QAM	1	1	17.70	17.70	17.64	18.0	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.80	19.82	19.84	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	19.79	19.90	19.81	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	19.85	19.87	19.84	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.82	19.91	19.73	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	19.84	19.89	19.74	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.82	19.80	19.78	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.88	19.82	19.81	20.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.12	16.15	16.13	17.5	0.0
50	PI/2 BPSK	1	135	16.09	16.08	16.12		
50	PI/2 BPSK	1	268	16.11	16.05	16.11		
50	PI/2 BPSK	135	0	16.01	15.99	15.98	17.5	0.0
50	PI/2 BPSK	135	68	16.02	16.13	16.10	17.5	0.0
50	PI/2 BPSK	135	135	15.99	16.04	16.07	17.5	0.0
50	PI/2 BPSK	270	0	16.07	16.10	16.02		
50	QPSK	1	1	15.98	16.02	16.00	17.5	0.0
50	QPSK	1	135	16.05	16.08	16.05		
50	QPSK	1	268	16.05	16.10	16.06		
50	QPSK	135	0	16.05	16.07	16.10	17.5	0.0
50	QPSK	135	68	16.00	15.98	15.94	17.5	0.0
50	QPSK	135	135	16.12	16.09	16.12	17.5	0.0
50	QPSK	270	0	16.05	16.01	15.99		
50	16QAM	1	1	16.08	16.13	16.09	17.5	0.0
50	64QAM	1	1	16.06	16.04	16.06	17.5	0.0
50	256QAM	1	1	16.06	16.06	16.10	17.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.93	16.06	16.05	17.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	15.96	16.05	16.03	17.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	15.95	16.06	16.08	17.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.01	16.09	16.02	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.93	16.09	15.96	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	16.02	16.01	15.95	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	16.02	15.96	15.97	17.5	0.0

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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)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.85	16.95	16.87	17.5	0.0
50	PI/2 BPSK	1	135	16.84	16.85	16.86		
50	PI/2 BPSK	1	268	16.80	16.85	16.82		
50	PI/2 BPSK	135	0	16.85	16.84	16.77	17.5	0.0
50	PI/2 BPSK	135	68	16.90	16.92	16.85	17.5	0.0
50	PI/2 BPSK	135	135	16.83	16.82	16.82	17.5	0.0
50	PI/2 BPSK	270	0	16.88	16.91	16.85		
50	QPSK	1	1	16.91	16.87	16.86	17.5	0.0
50	QPSK	1	135	16.90	16.84	16.89		
50	QPSK	1	268	16.89	16.93	16.89		
50	QPSK	135	0	16.81	16.85	16.84	17.5	0.0
50	QPSK	135	68	16.86	16.92	16.90	17.5	0.0
50	QPSK	135	135	16.89	16.90	16.94	17.5	0.0
50	QPSK	270	0	16.92	16.87	16.91		
50	16QAM	1	1	16.85	16.83	16.77	17.5	0.0
50	64QAM	1	1	16.85	16.86	16.93	17.5	0.0
50	256QAM	1	1	16.82	16.88	16.86	17.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.73	16.88	16.69	17.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI/2 BPSK	1	1	16.69	16.88	16.80	17.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI/2 BPSK	1	1	16.77	16.90	16.75	17.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.74	16.83	16.79	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	16.77	16.77	16.68	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	16.71	16.75	16.79	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	16.72	16.90	16.80	17.5	0.0

UL Intra-CA Power

CA_7C - ANT0
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full Power	21.82	23.00
21100	20902	QPSK	1	0	0	0	1	0	Full Power	21.50	23.00
21350	21152	QPSK	1	0	0	0	1	0	Full Power	21.65	23.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 0	21.82	23.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 0	21.50	23.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 0	21.65	23.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	20.04	21.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 1	20.01	21.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	20.02	21.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	21.82	23.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 3	21.50	23.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	21.65	23.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	20.04	21.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 4	20.01	21.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	20.02	21.50

CA_38C - ANT0
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	0	0	1	0	Full Power	22.72	24.00
37901	38099	QPSK	1	99	0	0	1	0	Full Power	22.67	24.00
38150	37952	QPSK	1	99	0	0	1	0	Full Power	22.45	24.00
37850	38048	QPSK	1	99	0	0	1	0	DSI 0	22.72	24.00
37901	38099	QPSK	1	99	0	0	1	0	DSI 0	22.67	24.00
38150	37952	QPSK	1	99	0	0	1	0	DSI 0	22.45	24.00
37850	38048	QPSK	50	0	0	0	1	0	DSI 1	22.05	23.00
37901	38099	QPSK	50	0	0	0	1	0	DSI 1	22.03	23.00
38150	37952	QPSK	50	0	0	0	1	0	DSI 1	21.79	23.00
37850	38048	QPSK	1	99	0	0	1	0	DSI 3	22.72	24.00
37901	38099	QPSK	1	99	0	0	1	0	DSI 3	22.67	24.00
38150	37952	QPSK	1	99	0	0	1	0	DSI 3	22.45	24.00
37850	38048	QPSK	50	0	0	0	1	0	DSI 4	22.05	23.00
37901	38099	QPSK	50	0	0	0	1	0	DSI 4	22.03	23.00
38150	37952	QPSK	50	0	0	0	1	0	DSI 4	21.79	23.00

CA_7C - ANT2
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full Power	24.13	25.00
21100	20902	QPSK	1	0	0	0	1	0	Full Power	23.84	25.00
21350	21152	QPSK	1	0	0	0	1	0	Full Power	23.85	25.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 0	24.13	25.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 0	23.84	25.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 0	23.85	25.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	18.64	20.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 1	18.27	20.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	18.38	20.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	24.13	25.00
21100	20902	QPSK	1	0	0	0	1	0	DSI 3	23.84	25.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	23.85	25.00
20850	21048	QPSK	50	0	0	0	50	0	DSI 4	18.75	20.00
21100	20902	QPSK	50	0	0	0	50	0	DSI 4	18.65	20.00
21350	21152	QPSK	50	0	0	0	50	0	DSI 4	18.54	20.00

CA_38C - ANT2
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	0	0	1	0	Full Power	24.37	25.50
37901	38099	QPSK	1	99	0	0	1	0	Full Power	24.36	25.50
38150	37952	QPSK	1	99	0	0	1	0	Full Power	24.25	25.50
37850	38048	QPSK	1	99	0	0	1	0	DSI 0	24.37	25.50
37901	38099	QPSK	1	99	0	0	1	0	DSI 0	24.36	25.50
38150	37952	QPSK	1	99	0	0	1	0	DSI 0	24.25	25.50
37850	38048	QPSK	50	0	0	0	50	0	DSI 1	21.19	22.00
37901	38099	QPSK	50	0	0	0	50	0	DSI 1	21.16	22.00
38150	37952	QPSK	50	0	0	0	50	0	DSI 1	21.05	22.00
37850	38048	QPSK	1	99	0	0	1	0	DSI 3	24.37	25.50
37901	38099	QPSK	1	99	0	0	1	0	DSI 3	24.36	25.50
38150	37952	QPSK	1	99	0	0	1	0	DSI 3	24.25	25.50
37850	38048	QPSK	50	0	0	0	50	0	DSI 4	21.19	22.00
37901	38099	QPSK	50	0	0	0	50	0	DSI 4	21.16	22.00
38150	37952	QPSK	50	0	0	0	50	0	DSI 4	21.05	22.00

CA_7C - ANT3
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full Power	24.11	25.70
21100	20902	QPSK	1	0	0	0	1	0	Full Power	24.33	25.70
21350	21152	QPSK	1	0	0	0	1	0	Full Power	24.50	25.70
20850	21048	QPSK	50	0	0	0	50	0	DSI 0	16.53	18.20
21100	20902	QPSK	50	0	0	0	50	0	DSI 0	16.75	18.20
21350	21152	QPSK	50	0	0	0	50	0	DSI 0	16.99	18.20
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	18.67	20.20
21100	20902	QPSK	1	0	0	0	1	0	DSI 1	18.83	20.20
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	19.14	20.20
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	24.11	25.70
21100	20902	QPSK	1	0	0	0	1	0	DSI 3	24.33	25.70
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	24.50	25.70
20850	21048	QPSK	50	0	0	0	50	0	DSI 4	16.62	18.20
21100	20902	QPSK	50	0	0	0	50	0	DSI 4	16.74	18.20
21350	21152	QPSK	50	0	0	0	50	0	DSI 4	16.95	18.20

CA_38C - ANT3
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	0	0	1	0	Full Power	24.97	25.70
37901	38099	QPSK	1	99	0	0	1	0	Full Power	25.01	25.70
38150	37952	QPSK	1	99	0	0	1	0	Full Power	24.99	25.70
37850	38048	QPSK	50	0	0	0	50	0	DSI 0	20.04	20.20
37901	38099	QPSK	50	0	0	0	50	0	DSI 0	20.00	20.20
38150	37952	QPSK	50	0	0	0	50	0	DSI 0	20.06	20.20
37850	38048	QPSK	1	99	0	0	1	0	DSI 1	21.52	22.20
37901	38099	QPSK	1	99	0	0	1	0	DSI 1	21.49	22.20
38150	37952	QPSK	1	99	0	0	1	0	DSI 1	21.54	22.20
37850	38048	QPSK	1	99	0	0	1	0	DSI 3	24.97	25.70
37901	38099	QPSK	1	99	0	0	1	0	DSI 3	25.01	25.70
38150	37952	QPSK	1	99	0	0	1	0	DSI 3	24.99	25.70
37850	38048	QPSK	50	0	0	0	50	0	DSI 4	20.04	20.20
37901	38099	QPSK	50	0	0	0	50	0	DSI 4	20.07	20.20
38150	37952	QPSK	50	0	0	0	50	0	DSI 4	20.06	20.20

CA_7C - ANT5
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full Power	22.68	24.50
21100	20902	QPSK	1	0	0	0	1	0	Full Power	22.74	24.50
21350	21152	QPSK	1	0	0	0	1	0	Full Power	23.04	24.50
20850	21048	QPSK	50	0	0	0	50	0	DSI 0	13.62	15.50
21100	20902	QPSK	50	0	0	0	50	0	DSI 0	13.87	15.50
21350	21152	QPSK	50	0	0	0	50	0	DSI 0	14.02	15.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	18.81	20.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 1	18.94	20.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	19.36	20.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	22.68	24.50
21100	20902	QPSK	1	0	0	0	1	0	DSI 3	22.74	24.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	23.04	24.50
20850	21048	QPSK	50	0	0	0	50	0	DSI 4	13.62	15.50
21100	20902	QPSK	50	0	0	0	50	0	DSI 4	13.87	15.50
21350	21152	QPSK	50	0	0	0	50	0	DSI 4	14.02	15.50

CA_38C - ANT5
Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	0	0	1	0	Full Power	23.33	25.00
37901	38099	QPSK	1	99	0	0	1	0	Full Power	23.32	25.00
38150	37952	QPSK	1	99	0	0	1	0	Full Power	23.51	25.00
37850	38048	QPSK	50	0	0	0	50	0	DSI 0	16.63	18.00
37901	38099	QPSK	50	0	0	0	50	0	DSI 0	16.56	18.00
38150	37952	QPSK	50	0	0	0	50	0	DSI 0	16.59	18.00
37850	38048	QPSK	1	99	0	0	1	0	DSI 1	20.81	22.50
37901	38099	QPSK	1	99	0	0	1	0	DSI 1	20.98	22.50
38150	37952	QPSK	1	99	0	0	1	0	DSI 1	21.00	22.50
37850	38048	QPSK	1	99	0	0	1	0	DSI 3	23.3	25.00
37901	38099	QPSK	1	99	0	0	1	0	DSI 3	23.32	25.00
38150	37952	QPSK	1	99	0	0	1	0	DSI 3	23.51	25.00
37850	38048	QPSK	50	0	0	0	50	0	DSI 4	16.63	18.00
37901	38099	QPSK	50	0	0	0	50	0	DSI 4	16.56	18.00
38150	37952	QPSK	50	0	0	0	50	0	DSI 4	16.59	18.00

Downlink CA Power

Full Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_4A-5A	4	20	1732.5	20175	QPSK	1	0	5	10	881.5	2525	25.01	25.32
		CA_4A-7A	4	20	1732.5	20175	QPSK	1	0	7	20	2655	3100	24.98	25.32
		CA_5A-41A	5	10	836.5	20525	QPSK	1	0	41	20	2593	40620	24.99	25.05
Inter-Band	Non-Contiguo	CA_7A-7A	7	20	2535	21100	QPSK	1	0	7	5	2687.5	3524	24.02	24.19
	Contiguous	2C	2	20	1860	18700	QPSK	1	0	2	20	1959.8	898	23.32	23.81
		CA_7C	7	20	2535	21100	QPSK	1	0	7	20	2635.20	2902	24.13	24.19
		CA_38C	38	20	2580	37850	QPSK	1	0	38	20	2599.80	38048	24.28	24.66
		CA_41C	41	20	2593	40620	QPSK	1	99	41	20	2612.80	40818	24.34	25.12

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-4A-5A	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	5	10	881.5	2525	23.30	23.81
		CA_2A-7A-7A	2	20	1860	18700	QPSK	1	0	7	20	2655	3100	7	20	2680	3350	23.41	23.81
		CA_5A-7A-7A	5	10	836.5	20525	QPSK	1	0	7	20	2655	3100	7	20	2680	3350	24.99	25.05
		CA_41A-41A-41A	41	20	2593	40620	QPSK	1	99	41	20	2506	39750	41	20	2680	41490	24.25	25.12
Intra-Band	Contiguous	CA_2A-7C	2	20	1860	18700	QPSK	1	0	7	20	2645.1	3001	7	20	2664.9	3199	23.38	23.81
		CA_4A-7C	4	20	1732.5	20175	QPSK	1	0	7	20	2645.1	3001	7	20	2664.9	3199	25.11	25.32
		CA_5A-7C	5	10	836.5	20525	QPSK	1	0	7	20	2645.1	3001	7	20	2664.9	3199	24.01	25.05

WLAN Power

2.4GHz WLAN				Full Power		Full Power		Full Power		Rec on		Rec on		Rec on		Rec on (Sim)		Rec on (Sim)		Rec on (Sim)		Hotspot on		Hotspot on		Hotspot on		Duty Cycle %
				Ant 16		Ant 18		Ant 16+18		Ant 16		Ant 18		Ant 16+18		Ant 16		Ant 18		Ant 16+18		Ant 16		Ant 18		Ant 16+18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.60	20.00	18.30	20.00	21.46	23.00	16.00	17.50	15.70	17.50	18.86	20.50	12.00	13.50	11.40	13.50	14.91	16.50	13.00	14.50	12.70	14.50	15.96	17.50	
		6	2437	18.70	20.00	18.30	20.00	21.51	23.00	16.30	17.50	15.90	17.50	19.11	20.50	12.10	13.50	11.70	13.50	14.91	16.50	13.30	14.50	12.90	14.50	16.01	17.50	99.60
		11	2462	18.70	20.00	18.20	20.00	21.47	23.00	16.10	17.50	15.80	17.50	18.96	20.50	12.20	13.50	11.70	13.50	14.79	16.50	13.10	14.50	12.80	14.50	15.96	17.50	
	802.11g 6Mbps	1	2412	16.70	17.50	15.70	17.50	19.24	20.50		17.50		17.50		20.50		13.50		13.50		16.50		14.50		14.50		17.50	
		6	2437	17.90	18.50	17.50	18.50	20.71	21.50		17.50		17.50		20.50		13.50		13.50		16.50		14.50		14.50		17.50	97.00
		11	2462	13.60	14.50	12.80	14.50	16.23	17.50		14.50		14.50		17.50		13.50		13.50		16.50		14.50		14.50		17.50	
	802.11n-HT20 MCS0	1	2412	14.40	15.00	13.30	15.00	16.90	18.00		15.00		15.00		18.00		13.50		13.50		16.50		14.50		14.50		17.50	
		6	2437	17.80	18.50	17.40	18.50	20.61	21.50	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required	13.50	Not Required	13.50	Not Required	16.50	Not Required	14.50	Not Required	14.50	Not Required	17.50	96.30
		11	2462	13.50	14.50	12.80	14.50	16.17	17.50		14.50		14.50		17.50		13.50		13.50		16.50		14.50		14.50		17.50	
	802.11ax-HE20 MCS0	1	2412	14.50	15.00	13.40	15.00	17.00	18.00		15.00		15.00		18.00		13.50		13.50		16.50		14.50		14.50		17.50	
		6	2437	17.90	18.50	17.50	18.50	20.71	21.50		17.50		17.50		20.50		13.50		13.50		16.50		14.50		14.50		17.50	95.90
		11	2462	13.60	14.50	12.90	14.50	16.27	17.50		14.50		14.50		17.50		13.50		13.50		16.50		14.50		14.50		17.50	

5.2GHz WLAN				Full Power		Full Power		Full Power		Rec on		Rec on		Rec on		Rec on (Sim)		Rec on (Sim)		Rec on (Sim)		Hotspot on		Hotspot on		Hotspot on		Duty Cycle %
				Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.30	15.50	14.00	15.00	17.16	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
		40	5200	14.20	15.50	14.10	15.00	17.16	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	97.00
		44	5220	14.10	15.50	14.10	15.00	17.11	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
		48	5240	14.30	15.50	14.10	15.00	17.21	18.50	Not Required	13.50	Not Required	13.00	Not Required	16.50		9.00		8.50		12.00	Not Required	12.50	Not Required	12.00	Not Required	15.50	
	802.11n-HT20 MCS0	36	5180	14.10	15.50	13.80	15.00	16.96	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
		40	5200	14.00	15.50	13.80	15.00	16.91	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	96.30
		44	5220	13.90	15.50	13.90	15.00	16.91	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
		48	5240	14.10	15.50	13.80	15.00	16.96	18.50		13.50		13.00		16.50	Not Required	9.00	Not Required	8.50	Not Required	12.00		12.50		12.00		15.50	
	802.11n-HT40 MCS0	38	5190	13.80	15.00	13.60	14.50	16.71	18.00	12.40	13.50	12.00	13.00	15.21	16.50		9.00		8.50		12.00	11.20	12.50	11.11	12.00	14.21	15.50	93.10
		46	5230	13.80	15.00	13.50	14.50	16.77	18.00	12.20	13.50	11.90	13.00	15.06	16.50		9.00		8.50		12.00	11.10	12.50	11.00	12.00	14.16	15.50	
	802.11ac-VHT20 MCS0	36	5180	14.10	15.50	13.80	15.00	16.96	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
		40	5200	14.00	15.50	13.80	15.00	16.91	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	96.30
		44	5220	13.90	15.50	13.90	15.00	16.91	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
		48	5240	14.10	15.50	13.80	15.00	16.96	18.50		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
	802.11ac-VHT40 MCS0	38	5190	13.80	15.00	13.60	14.50	16.71	18.00		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	93.10
		46	5230	13.80	15.00	13.50	14.50	16.66	18.00		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
	802.11ac-VHT80 MCS0	42	5210	9.40	11.00	9.20	10.50	12.31	14.00		11.00		10.50		14.00	7.30	9.00	7.00	8.50	10.16	12.00		11.00		10.50		14.00	87.20
	802.11ax-HE20 MCS0	36	5180	14.20	15.00	13.90	14.50	17.06	18.00		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
		40	5200	14.10	15.00	13.90	14.50	17.01	18.00		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	95.90
		44	5220	14.00	15.00	14.00	14.50	17.01	18.00		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
		48	5240	14.20	15.00	13.90	14.50	17.06	18.00		13.50		13.00		16.50	Not Required	9.00	Not Required	8.50	Not Required	12.00		12.50		12.00		15.50	
	802.11ax-HE40 MCS0	38	5190	13.90	15.00	13.70	14.50	16.81	18.00		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	92.60
		46	5230	13.90	15.00	13.60	14.50	16.76	18.00		13.50		13.00		16.50		9.00		8.50		12.00		12.50		12.00		15.50	
	802.11ax-HE80 MCS0	42	5210	9.50	11.00	9.30	10.50	12.41	14.00		11.00		10.50		14.00		9.00		8.50		12.00		11.00		10.50		14.00	87.00

5.3GHz WLAN				Full Power		Full Power		Full Power		Rec on		Rec on		Rec on		Rec on (Sim)		Rec on (Sim)		Rec on (Sim)		Duty Cycle %
				Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	14.50	15.50	13.90	15.00	17.22	18.50		13.50		13.00		15.50		9.00		8.50		12.00	
		56	5280	14.50	15.50	14.00	15.00	17.27	18.50		13.50		13.00		15.50		9.00		8.50		12.00	97.00
		60	5300	14.50	15.50	14.10	15.00	17.31	18.50		13.50		13.00		15.50		9.00		8.50		12.00	
		64	5320	13.90	15.00	13.40	14.50	16.67	18.50	Not Required	13.50	Not Required	13.00	Not Required	15.50		9.00		8.50		12.00	
	802.11n-HT20 MCS0	52	5260	14.30	15.50	13.70	15.00	17.02	18.50		13.50		13.00		15.50		9.00		8.50		12.00	
		56	5280	14.30	15.50	13.60	15.00	16.97	18.50		13.50		13.00		15.50		9.00		8.50		12.00	96.30
		60	5300	14.30	15.50	13.80	15.00	17.07	18.50		13.50		13.00		15.50		9.00		8.50		12.00	
		64	5320	13.30	14.50	12.60	14.00	15.97	17.50		13.50		13.00		15.50	Not Required	9.00	Not Required	8.50	Not Required	12.00	
	802.11n-HT40 MCS0	54	5270	13.90	15.00	13.50	14.50	16.71	18.00	12.60	13.50	11.90	13.00	15.26	16.50		9.00		8.50		12.00	93.10
		62	5310	13.40	14.50	12.70	14.00	16.07	17.50	12.20	13.50	11.80	13.00	15.01	16.50		9.00		8.50		12.00	
	802.11ac-VHT20 MCS0	52	5260	14.30	15.50	13.70	15.00	17.02	18.50		13.50		13.00		15.50		9.00		8.50		12.00	
		56	5280	14.30	15.50	13.60	15.00	16.97	18.50		13.50		13.00		15.50		9.00		8.50		12.00	96.30
		60	5300	14.30	15.50	13.80	15.00	17.07	18.50		13.50		13.00		15.50		9.00		8.50		12.00	
		64	5320	13.30	14.50	12.60	14.00	15.97	17.50		13.50		13.00		15.50		9.00		8.50		12.00	
	802.11ac-VHT40 MCS0	54	5270	13.90	15.00	13.50	14.50	16.71	18.00		13.50		13.00		15.50		9.00		8.50		12.00	93.10
		62	5310	13.40	14.50	12.70	14.00	16.07	17.50		13.50		13.00		15.50		9.00		8.50		12.00	
	802.11ac-VHT80 MCS0	58	5290	10.70	12.00	10.00	11.50	13.37	15.00		12.00		11.50		15.00	7.60	9.00	7.00	8.50	10.31	12.00	87.20
	802.11ac-VHT160 MCS0	50	5250	8.10	11.00	7.60	10.50	10.87	14.00		11.00		10.50		14.00		9.00		8.50		12.00	66.1
	802.11ax-HE20 MCS0	52	5260	14.40	15.50	13.80	15.00	17.12	18.50		13.50		13.00		15.50		9.00		8.50		12.00	
		56	5280	14.40	15.50	13.70	15.00	17.07	18.50		13.50		13.00		15.50		9.00		8.50		12.00	95.90
		60	5300	14.40	15.50	13.90	15.00	17.17	18.50		13.50		13.00		15.50		9.00		8.50		12.00	
		64	5320	13.40	14.50	12.70	14.00	16.07	17.50		13.50		13.00		15.50	Not Required	9.00	Not Required	8.50	Not Required	12.00	
	802.11ax-HE40 MCS0	54	5270	14.00	15.00	13.60	14.50	16.81	18.00		13.50		13.00		15.50		9.00		8.50		12.00	92.60
		62	5310	13.50	14.50	12.80	14.00	16.17	17.50		13.50		13.00		15.50		9.00		8.50		12.00	
	802.11ax-HE80 MCS0	58	5290	10.80	12.00	10.10	11.50	13.47	15.00		12.00		11.50		15.00		9.00		8.50		12.00	87.00
	802.11ax-HE160 MCS0	50	5250	8.20	9.50	7.70	9.00	10.97	12.50		9.50		9.00		12.50		9.00		8.50		12.00	66.9

5.5GHz WLAN				Full Power		Full Power		Full Power		Rec on		Rec on		Rec on		Rec on (Sim)		Rec on (Sim)		Rec on (Sim)		Duty Cycle %
				Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.90	16.50	15.10	16.00	18.53	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		116	5580	15.40	16.50	15.00	16.00	18.21	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		124	5620	15.30	16.50	15.00	16.00	18.16	19.00		13.00		12.50		15.50		10.00		9.50		12.50	97.00
		132	5660	15.00	16.50	14.50	16.00	17.77	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		140	5700	15.10	16.50	14.50	16.00	17.82	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		144	5720	15.10	16.50	14.50	16.00	17.82	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
	802.11n-HT20 MCS0	100	5500	15.70	16.50	14.90	16.00	18.33	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		116	5580	15.20	16.50	14.80	16.00	18.01	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		124	5620	15.10	16.50	14.70	16.00	17.91	19.00		13.00		12.50		15.50		10.00		9.50		12.50	96.30
		132	5660	14.90	16.50	14.50	16.00	17.71	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		140	5700	14.90	16.50	14.30	16.00	17.62	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		144	5720	14.90	16.50	14.30	16.00	17.62	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
	802.11n-HT40 MCS0	102	5510	15.60	16.00	14.90	15.50	18.27	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
		110	5550	15.10	16.00	14.90	15.50	18.01	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
		126	5630	14.90	16.00	14.60	15.50	17.76	18.50	Not Required	13.00	Not Required	12.50	Not Required	15.50		10.00		9.50		12.50	93.10
		134	5670	14.70	16.00	14.40	15.50	17.56	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
		142	5710	14.70	16.00	14.20	15.50	17.47	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
	802.11ac-VHT20 MCS0	100	5500	15.70	16.50	14.90	16.00	18.33	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		116	5580	15.20	16.50	14.80	16.00	18.01	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		124	5620	15.10	16.50	14.70	16.00	17.91	19.00		13.00		12.50		15.50		10.00		9.50		12.50	96.30
		132	5660	14.90	16.50	14.50	16.00	17.71	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		140	5700	14.90	16.50	14.30	16.00	17.62	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		144	5720	14.90	16.50	14.30	16.00	17.62	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
	802.11ac-VHT40 MCS0	102	5510	15.60	16.00	14.90	15.50	18.27	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
		110	5550	15.10	16.00	14.90	15.50	18.01	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
		126	5630	14.90	16.00	14.60	15.50	17.76	18.50		13.00		12.50		15.50		10.00		9.50		12.50	93.10
		134	5670	14.70	16.00	14.40	15.50	17.56	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
		142	5710	14.70	16.00	14.20	15.50	17.47	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
	802.11ac-VHT80 MCS0	106	5530	10.60	11.50	9.90	11.00	13.27	14.50	10.60	11.50	9.00	11.00	13.27	14.50	9.00	10.00	8.50	9.50	11.76	12.50	
		122	5610	14.60	16.00	14.30	15.50	17.46	18.50	11.70	13.00	11.20	12.50	14.56	15.50	9.10	10.00	8.60	9.50	11.81	12.50	87.20
		138	5690	14.50	16.00	14.00	15.50	17.27	18.50	11.40	13.00	10.80	12.50	14.16	15.50	8.30	10.00	7.90	9.50	11.51	12.50	
	802.11ac-VHT160 MCS0	114	5570	8.90	10.00	8.20	9.50	11.57	13.00		10.00		9.50		13.00		10.00		9.50		12.50	66.10
	802.11ax-HE20 MCS0	100	5500	15.80	16.50	15.00	16.00	18.43	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		116	5580	15.30	16.50	14.90	16.00	18.11	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		124	5620	15.20	16.50	14.80	16.00	18.01	19.00		13.00		12.50		15.50		10.00		9.50		12.50	95.90
		132	5660	15.00	16.50	14.60	16.00	17.81	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		140	5700	15.00	16.50	14.40	16.00	17.72	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
		144	5720	15.00	16.50	14.40	16.00	17.72	19.00		13.00		12.50		15.50		10.00		9.50		12.50	
	802.11ax-HE40 MCS0	102	5510	15.70	16.00	15.00	15.50	18.37	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
		110	5550	15.20	16.00	15.00	15.50	18.11	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
		126	5630	15.00	16.00	14.70	15.50	17.86	18.50	Not Required	13.00	Not Required	12.50	Not Required	15.50		10.00		9.50		12.50	92.60
		134	5670	14.80	16.00	14.50	15.50	17.66	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
		142	5710	14.80	16.00	14.30	15.50	17.57	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
	802.11ax-HE80 MCS0	106	5530	10.70	11.50	10.00	11.00	13.37	14.50		11.50		11.00		14.50		10.00		9.50		12.50	
		122	5610	14.70	16.00	14.40	15.50	17.56	18.50		13.00		12.50		15.50		10.00		9.50		12.50	87.00
		138	5690	14.60	16.00	14.10	15.50	17.37	18.50		13.00		12.50		15.50		10.00		9.50		12.50	
	802.11ax-HE160 MCS0	114	5570	9.00	10.00	8.30	9.50	11.67	13.00		10.00		9.50		13.00		10.00		9.50		12.50	66.90

5.8GHz WLAN				Full Power		Full Power		Full Power		Rec on		Rec on		Rec on		Rec on (Sim)		Rec on (Sim)		Rec on (Sim)		Hotspot on		Hotspot on		Hotspot on		Duty Cycle %
				Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		Ant 17		Ant 18		Ant 17+18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.20	18.50	16.80	18.00	20.01	21.50		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	
		157	5785	17.40	18.50	17.10	18.00	20.26	21.50		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	97.00
		165	5825	17.60	18.50	16.60	18.00	20.14	21.50		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	
	802.11n-HT20 MCS0	149	5745	17.00	18.50	16.60	18.00	19.81	21.50		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	
		157	5785	17.20	18.50	16.90	18.00	20.06	21.50		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	95.90
		165	5825	17.40	18.50	16.40	18.00	19.94	21.50		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	
	802.11n-HT40 MCS0	151	5755	16.70	18.50	16.40	17.50	19.56	21.00	Not Required	14.00	Not Required	13.50	Not Required	17.00	Not Required	9.50	Not Required	9.00	Not Required	12.50	Not Required	11.50	Not Required	11.00	Not Required	14.50	92.60
		159	5795	16.80	18.50	16.40	17.50	19.61	21.00		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	
	802.11ac-VHT20 MCS0	149	5745	17.00	18.50	16.60	18.00	19.81	21.50		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	
		157	5785	17.20	18.50	16.90	18.00	20.06	21.50		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	95.90
		165	5825	17.40	18.50	16.40	18.00	19.94	21.50		14.00		13.50		17.00		9.50		9.00		12.50		11.50		11.00		14.50	
	802.11ac-VHT40 MCS0	151	5755	16.70	18.50	16.40	17.50	19.56	21.00		14.00		13.50	

Bluetooth Full Power

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	16.81	16.67	16.77	14.16	14.08	14.11	14.15	14.05	14.06	18
	CH 39	2441	**17.47**	17.43	17.36	14.90	14.86	**14.97**	**14.90**	14.78	14.86	18
	CH 78	2480	17.19	17.02	16.99	14.39	14.35	14.32	14.57	14.40	14.35	18

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	1.30
	CH 19	2440	2.20
	CH 39	2480	1.00
Tune-up Limit			3.00

BLE_1M/2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	1.30	1.30
	CH 19	2440	2.20	2.20
	CH 39	2480	1.00	1.00
Tune-up Limit			3.00	3.00

Bluetooth Reduced Power

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	7.00	7.00	7.10	**4.40**	4.40	**4.50**	4.30	4.30	4.40	8.50
	CH 39	2441	7.70	7.70	**7.80**	5.10	5.10	**5.20**	5.00	5.00	**5.10**	8.50
	CH 78	2480	6.50	6.50	6.60	3.80	3.80	**3.90**	3.70	3.70	3.80	8.50