Full&Default Power Mode

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.14	23.29	23.21	24	0
20	QPSK	1	49	23.08	23.21	23.16		
20	QPSK	1	99	23.05	23.16	23.11		
20	QPSK	50	0	22.26	22.33	22.20	23	1
20	QPSK	50	24	22.15	22.27	22.13		
20	QPSK	50	50	22.18	22.22	22.15		
20	QPSK	100	0	22.17	22.26	22.20		
20	16QAM	1	0	22.30	22.37	22.31	23	1
20	16QAM	1	49	22.23	22.31	22.27		
20	16QAM	1	99	22.21	22.27	22.22		
20	16QAM	50	0	21.28	21.32	21.24	22	2
20	16QAM	50	24	21.17	21.24	21.20		
20	16QAM	50	50	21.19	21.28	21.23		
20	16QAM	100	0	21.12	21.25	21.20		
20	64QAM	1	0	21.13	21.36	21.20	22	2
20	64QAM	1	49	21.08	21.23	21.16		
20	64QAM	1	99	21.06	21.15	21.08		
20	64QAM	50	0	20.07	20.20	20.16	21	3
20	64QAM	50	24	20.15	20.19	20.16		
20	64QAM	50	50	20.12	20.09	20.18		
20	64QAM	100	0	20.07	20.29	20.29		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.04	23.22	23.12	24	0
15	QPSK	1	37	22.96	23.09	23.07		
15	QPSK	1	74	23.00	23.11	23.01		
15	QPSK	36	0	22.12	22.24	22.12	23	1
15	QPSK	36	20	22.03	22.19	22.09		
15	QPSK	36	39	22.06	22.17	22.02		
15	QPSK	75	0	22.13	22.13	22.08		
15	16QAM	1	0	22.20	22.29	22.27	23	1
15	16QAM	1	37	22.09	22.18	22.16		
15	16QAM	1	74	22.17	22.23	22.16		
15	16QAM	36	0	21.23	21.19	21.09	22	2
15	16QAM	36	20	21.05	21.19	21.11		
15	16QAM	36	39	21.04	21.25	21.19		
15	16QAM	75	0	21.08	21.12	21.10		
15	64QAM	1	0	21.16	21.30	21.24	22	2
15	64QAM	1	37	21.16	21.28	21.13		
15	64QAM	1	74	21.09	21.24	21.09		
15	64QAM	36	0	20.23	20.31	20.21	21	3
15	64QAM	36	20	20.11	20.37	20.25		
15	64QAM	36	39	20.15	20.28	20.12		
15	64QAM	75	0	20.11	20.25	20.30		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.04	23.21	23.13	24	0
10	QPSK	1	25	23.03	23.16	23.13		
10	QPSK	1	49	22.92	23.07	23.04		
10	QPSK	25	0	22.22	22.28	22.06	23	1
10	QPSK	25	12	22.12	22.23	22.05		
10	QPSK	25	25	22.14	22.16	22.08		
10	QPSK	50	0	22.10	22.15	22.17		
10	16QAM	1	0	22.17	22.24	22.24	23	1
10	16QAM	1	25	22.19	22.23	22.22		
10	16QAM	1	49	22.15	22.21	22.07		
10	16QAM	25	0	21.22	21.24	21.18	22	2
10	16QAM	25	12	21.12	21.15	21.10		
10	16QAM	25	25	21.05	21.19	21.12		
10	16QAM	50	0	21.02	21.16	21.12		
10	64QAM	1	0	21.09	21.28	21.20	22	2
10	64QAM	1	25	21.00	21.27	21.19		
10	64QAM	1	49	21.03	21.09	21.09		
10	64QAM	25	0	20.22	20.23	20.14	21	3
10	64QAM	25	12	20.06	20.33	20.28		
10	64QAM	25	25	20.20	20.25	20.17		
10	64QAM	50	0	20.23	20.31	20.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.04	23.19	23.07	24	0
5	QPSK	1	12	23.00	23.13	23.11		
5	QPSK	1	24	22.97	23.12	23.03		
5	QPSK	12	0	22.13	22.26	22.07	23	1
5	QPSK	12	7	22.01	22.21	22.06		
5	QPSK	12	13	22.12	22.08	22.11		
5	QPSK	25	0	22.10	22.12	22.16		
5	16QAM	1	0	22.26	22.26	22.17	23	1
5	16QAM	1	12	22.10	22.18	22.16		
5	16QAM	1	24	22.08	22.20	22.11		
5	16QAM	12	0	21.14	21.26	21.21	22	2
5	16QAM	12	7	21.08	21.09	21.16		
5	16QAM	12	13	21.10	21.23	21.15		
5	16QAM	25	0	21.06	21.12	21.06		
5	64QAM	1	0	21.22	21.27	21.23	22	2
5	64QAM	1	12	21.09	21.29	21.18		
5	64QAM	1	24	21.01	21.10	21.08		
5	64QAM	12	0	20.20	20.23	20.17	21	3
5	64QAM	12	7	20.20	20.34	20.20		
5	64QAM	12	13	20.15	20.21	20.14		
5	64QAM	25	0	20.06	20.34	20.17		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.10	23.21	23.08	24	0
3	QPSK	1	8	23.01	23.09	23.03		
3	QPSK	1	14	22.96	23.04	23.02		
3	QPSK	8	0	22.22	22.24	22.07	23	1
3	QPSK	8	4	22.12	22.13	22.08		
3	QPSK	8	7	22.09	22.12	22.11		
3	QPSK	15	0	22.03	22.21	22.09		
3	16QAM	1	0	22.17	22.33	22.22	23	1
3	16QAM	1	8	22.14	22.16	22.24		
3	16QAM	1	14	22.07	22.19	22.09		
3	16QAM	8	0	21.23	21.25	21.11	22	2
3	16QAM	8	4	21.11	21.13	21.15		
3	16QAM	8	7	21.09	21.16	21.13		
3	16QAM	15	0	21.08	21.19	21.06		
3	64QAM	1	0	21.22	21.23	21.19	22	2
3	64QAM	1	8	21.07	21.26	21.07		
3	64QAM	1	14	21.12	21.07	21.19		
3	64QAM	8	0	20.12	20.38	20.27	21	3
3	64QAM	8	4	20.22	20.34	20.13		
3	64QAM	8	7	20.21	20.28	20.18		
3	64QAM	15	0	20.20	20.37	20.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.20	23.09	24	0
1.4	QPSK	1	3	22.97	23.06	23.04		
1.4	QPSK	1	5	23.01	23.09	23.03		
1.4	QPSK	3	0	23.04	23.16	23.14		
1.4	QPSK	3	1	23.02	23.08	23.06		
1.4	QPSK	3	3	22.95	23.07	22.96		
1.4	QPSK	6	0	22.20	22.19	22.10	23	1
1.4	16QAM	1	0	22.00	22.22	22.03	23	1
1.4	16QAM	1	3	22.11	22.16	22.07		
1.4	16QAM	1	5	22.04	22.19	22.14		
1.4	16QAM	3	0	22.22	22.30	22.27		
1.4	16QAM	3	1	22.11	22.22	22.18		
1.4	16QAM	3	3	22.09	22.18	22.10		
1.4	16QAM	6	0	21.19	21.20	21.11	22	2
1.4	64QAM	1	0	21.22	21.30	21.21	22	2
1.4	64QAM	1	3	21.08	21.28	21.10		
1.4	64QAM	1	5	21.04	21.08	21.05		
1.4	64QAM	3	0	21.15	21.32	21.21		
1.4	64QAM	3	1	21.06	21.16	21.09		
1.4	64QAM	3	3	21.00	21.15	21.14		
1.4	64QAM	6	0	20.16	20.24	20.28	21	3

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.44	23.61	23.51	24	0
20	QPSK	1	49	23.42	23.51	23.48		
20	QPSK	1	99	23.35	23.47	23.41		
20	QPSK	50	0	22.62	22.69	22.60	23	1
20	QPSK	50	24	22.52	22.66	22.47		
20	QPSK	50	50	22.53	22.51	22.53		
20	QPSK	100	0	22.48	22.59	22.55		
20	16QAM	1	0	22.67	22.78	22.61	23	1
20	16QAM	1	49	22.64	22.68	22.59		
20	16QAM	1	99	22.56	22.57	22.55		
20	16QAM	50	0	21.60	21.73	21.62	22	2
20	16QAM	50	24	21.49	21.55	21.55		
20	16QAM	50	50	21.51	21.65	21.58		
20	16QAM	100	0	21.46	21.62	21.52		
20	64QAM	1	0	21.47	21.61	21.44	22	2
20	64QAM	1	49	21.51	21.55	21.48		
20	64QAM	1	99	21.51	21.69	21.46		
20	64QAM	50	0	20.47	20.57	20.44	21	3
20	64QAM	50	24	20.43	20.55	20.60		
20	64QAM	50	50	20.43	20.67	20.55		
20	64QAM	100	0	20.49	20.59	20.47		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.41	23.49	23.44	24	0
15	QPSK	1	37	23.31	23.39	23.35		
15	QPSK	1	74	23.25	23.41	23.31		
15	QPSK	36	0	22.48	22.57	22.47	23	1
15	QPSK	36	20	22.40	22.51	22.39		
15	QPSK	36	39	22.42	22.43	22.49		
15	QPSK	75	0	22.35	22.50	22.51		
15	16QAM	1	0	22.62	22.72	22.46	23	1
15	16QAM	1	37	22.54	22.63	22.44		
15	16QAM	1	74	22.47	22.49	22.49		
15	16QAM	36	0	21.55	21.63	21.52	22	2
15	16QAM	36	20	21.40	21.44	21.45		
15	16QAM	36	39	21.40	21.62	21.48		
15	16QAM	75	0	21.34	21.54	21.39		
15	64QAM	1	0	21.39	21.69	21.60	22	2
15	64QAM	1	37	21.40	21.55	21.46		
15	64QAM	1	74	21.37	21.67	21.45		
15	64QAM	36	0	20.42	20.69	20.53	21	3
15	64QAM	36	20	20.50	20.63	20.46		
15	64QAM	36	39	20.37	20.67	20.47		
15	64QAM	75	0	20.42	20.67	20.59		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.36	23.47	23.42	24	0
10	QPSK	1	25	23.29	23.39	23.41		
10	QPSK	1	49	23.20	23.33	23.29		
10	QPSK	25	0	22.52	22.63	22.53	23	1
10	QPSK	25	12	22.49	22.57	22.32		
10	QPSK	25	25	22.48	22.42	22.48		
10	QPSK	50	0	22.37	22.47	22.49		
10	16QAM	1	0	22.63	22.75	22.57	23	1
10	16QAM	1	25	22.58	22.56	22.47		
10	16QAM	1	49	22.45	22.46	22.41		
10	16QAM	25	0	21.52	21.61	21.54	22	2
10	16QAM	25	12	21.38	21.48	21.49		
10	16QAM	25	25	21.43	21.53	21.53		
10	16QAM	50	0	21.35	21.54	21.48		
10	64QAM	1	0	21.43	21.62	21.47	22	2
10	64QAM	1	25	21.41	21.64	21.54		
10	64QAM	1	49	21.49	21.54	21.50		
10	64QAM	25	0	20.42	20.70	20.55	21	3
10	64QAM	25	12	20.36	20.58	20.56		
10	64QAM	25	25	20.50	20.65	20.47		
10	64QAM	50	0	20.51	20.54	20.43		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.37	23.54	23.43	24	0
5	QPSK	1	12	23.30	23.39	23.35		
5	QPSK	1	24	23.32	23.37	23.33		
5	QPSK	12	0	22.48	22.62	22.49	23	1
5	QPSK	12	7	22.45	22.51	22.37		
5	QPSK	12	13	22.48	22.42	22.43		
5	QPSK	25	0	22.34	22.52	22.41		
5	16QAM	1	0	22.62	22.64	22.50	23	1
5	16QAM	1	12	22.55	22.64	22.47		
5	16QAM	1	24	22.50	22.50	22.40		
5	16QAM	12	0	21.47	21.59	21.50	22	2
5	16QAM	12	7	21.43	21.43	21.46		
5	16QAM	12	13	21.43	21.53	21.49		
5	16QAM	25	0	21.31	21.59	21.40		
5	64QAM	1	0	21.39	21.58	21.46	22	2
5	64QAM	1	12	21.41	21.66	21.53		
5	64QAM	1	24	21.50	21.54	21.50		
5	64QAM	12	0	20.39	20.57	20.44	21	3
5	64QAM	12	7	20.53	20.64	20.58		
5	64QAM	12	13	20.48	20.59	20.47		
5	64QAM	25	0	20.46	20.62	20.59		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.29	23.48	23.36	24	0
3	QPSK	1	8	23.36	23.41	23.42		
3	QPSK	1	14	23.27	23.39	23.34		
3	QPSK	8	0	22.57	22.58	22.45	23	1
3	QPSK	8	4	22.48	22.59	22.37		
3	QPSK	8	7	22.41	22.48	22.48		
3	QPSK	15	0	22.37	22.51	22.50		
3	16QAM	1	0	22.62	22.64	22.56	23	1
3	16QAM	1	8	22.58	22.60	22.45		
3	16QAM	1	14	22.47	22.48	22.43		
3	16QAM	8	0	21.54	21.64	21.57	22	2
3	16QAM	8	4	21.42	21.47	21.49		
3	16QAM	8	7	21.46	21.61	21.54		
3	16QAM	15	0	21.42	21.50	21.39		
3	64QAM	1	0	21.47	21.62	21.52	22	2
3	64QAM	1	8	21.45	21.58	21.47		
3	64QAM	1	14	21.43	21.60	21.45		
3	64QAM	8	0	20.45	20.55	20.57	21	3
3	64QAM	8	4	20.39	20.64	20.59		
3	64QAM	8	7	20.42	20.69	20.55		
3	64QAM	15	0	20.46	20.57	20.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.30	23.52	23.44	24	0
1.4	QPSK	1	3	23.29	23.41	23.34		
1.4	QPSK	1	5	23.31	23.32	23.30		
1.4	QPSK	3	0	23.35	23.48	23.46		
1.4	QPSK	3	1	23.32	23.41	23.35		
1.4	QPSK	3	3	23.29	23.33	23.35		
1.4	QPSK	6	0	22.53	22.57	22.49	23	1
1.4	16QAM	1	0	22.48	22.60	22.41	23	1
1.4	16QAM	1	3	22.42	22.43	22.44		
1.4	16QAM	1	5	22.41	22.54	22.48		
1.4	16QAM	3	0	22.64	22.64	22.53		
1.4	16QAM	3	1	22.55	22.65	22.47		
1.4	16QAM	3	3	22.53	22.45	22.43		
1.4	16QAM	6	0	21.53	21.59	21.51	22	2
1.4	64QAM	1	0	21.42	21.61	21.45	22	2
1.4	64QAM	1	3	21.49	21.68	21.47		
1.4	64QAM	1	5	21.46	21.69	21.51		
1.4	64QAM	3	0	21.36	21.55	21.44		
1.4	64QAM	3	1	21.51	21.53	21.46		
1.4	64QAM	3	3	21.48	21.64	21.47		
1.4	64QAM	6	0	20.36	20.54	20.50	21	3

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	23.76	23.98	23.90	25	0
10	QPSK	1	25	23.74	23.85	23.78		
10	QPSK	1	49	23.69	23.77	23.75		
10	QPSK	25	0	22.98	22.96	22.98	24	1
10	QPSK	25	12	22.81	22.96	22.76		
10	QPSK	25	25	22.90	22.84	22.80		
10	QPSK	50	0	22.75	22.95	22.94		
10	16QAM	1	0	23.02	23.09	22.98	24	1
10	16QAM	1	25	23.00	22.97	22.93		
10	16QAM	1	49	22.89	22.89	22.93		
10	16QAM	25	0	21.91	22.06	21.92	23	2
10	16QAM	25	12	21.86	21.86	21.85		
10	16QAM	25	25	21.81	21.95	21.88		
10	16QAM	50	0	21.73	21.93	21.82		
10	64QAM	1	0	21.68	21.93	21.82	23	2
10	64QAM	1	25	21.85	21.98	21.97		
10	64QAM	1	49	21.84	21.89	21.99		
10	64QAM	25	0	20.78	20.90	20.90	22	3
10	64QAM	25	12	20.83	21.05	20.88		
10	64QAM	25	25	20.79	20.90	20.95		
10	64QAM	50	0	20.76	20.98	20.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.71	23.95	23.78	25	0
5	QPSK	1	12	23.64	23.75	23.72		
5	QPSK	1	24	23.56	23.71	23.69		
5	QPSK	12	0	22.93	22.87	22.92	24	1
5	QPSK	12	7	22.76	22.82	22.65		
5	QPSK	12	13	22.78	22.70	22.75		
5	QPSK	25	0	22.68	22.87	22.87		
5	16QAM	1	0	22.98	23.04	22.86	24	1
5	16QAM	1	12	22.95	22.93	22.81		
5	16QAM	1	24	22.75	22.80	22.80		
5	16QAM	12	0	21.79	21.93	21.85	23	2
5	16QAM	12	7	21.82	21.78	21.81		
5	16QAM	12	13	21.68	21.81	21.84		
5	16QAM	25	0	21.65	21.78	21.68		
5	64QAM	1	0	21.78	21.91	21.99	23	2
5	64QAM	1	12	21.85	21.94	21.97		
5	64QAM	1	24	21.79	21.95	21.83		
5	64QAM	12	0	20.78	20.91	20.87	22	3
5	64QAM	12	7	20.69	20.96	20.85		
5	64QAM	12	13	20.76	21.02	20.98		
5	64QAM	25	0	20.78	20.93	20.86		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.70	23.86	23.78	25	0
3	QPSK	1	8	23.65	23.70	23.66		
3	QPSK	1	14	23.55	23.64	23.68		
3	QPSK	8	0	22.88	22.93	22.94	24	1
3	QPSK	8	4	22.70	22.91	22.70		
3	QPSK	8	7	22.77	22.72	22.73		
3	QPSK	15	0	22.62	22.92	22.89		
3	16QAM	1	0	22.93	22.94	22.95	24	1
3	16QAM	1	8	22.94	22.82	22.90		
3	16QAM	1	14	22.81	22.78	22.90		
3	16QAM	8	0	21.86	21.99	21.89	23	2
3	16QAM	8	4	21.74	21.73	21.72		
3	16QAM	8	7	21.68	21.82	21.78		
3	16QAM	15	0	21.66	21.82	21.75		
3	64QAM	1	0	21.76	22.00	21.90	23	2
3	64QAM	1	8	21.84	22.04	21.94		
3	64QAM	1	14	21.75	22.03	21.84		
3	64QAM	8	0	20.70	21.04	20.91	22	3
3	64QAM	8	4	20.71	21.03	20.86		
3	64QAM	8	7	20.81	21.00	20.89		
3	64QAM	15	0	20.79	20.97	20.84		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.66	23.93	23.84	25	0
1.4	QPSK	1	3	23.61	23.72	23.72		
1.4	QPSK	1	5	23.60	23.64	23.61		
1.4	QPSK	3	0	23.61	23.88	23.84		
1.4	QPSK	3	1	23.62	23.76	23.73		
1.4	QPSK	3	3	23.60	23.64	23.61		
1.4	QPSK	6	0	22.91	22.92	22.95	24	1
1.4	16QAM	1	0	22.73	22.85	22.72	24	1
1.4	16QAM	1	3	22.85	22.76	22.67		
1.4	16QAM	1	5	22.71	22.87	22.83		
1.4	16QAM	3	0	22.92	22.96	22.89		
1.4	16QAM	3	1	22.95	22.84	22.82		
1.4	16QAM	3	3	22.78	22.85	22.83		
1.4	16QAM	6	0	21.85	22.00	21.85	23	2
1.4	64QAM	1	0	21.71	21.93	21.95	23	2
1.4	64QAM	1	3	21.73	22.03	21.84		
1.4	64QAM	1	5	21.73	21.99	21.83		
1.4	64QAM	3	0	21.80	21.91	21.85		
1.4	64QAM	3	1	21.70	22.06	21.90		
1.4	64QAM	3	3	21.82	22.03	21.91		
1.4	64QAM	6	0	20.68	21.05	20.91	22	3

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.50	23.70	23.63	24	0
20	QPSK	1	49	23.46	23.56	23.52		
20	QPSK	1	99	23.46	23.45	23.50		
20	QPSK	50	0	22.64	22.69	22.65	23	1
20	QPSK	50	24	22.56	22.63	22.42		
20	QPSK	50	50	22.59	22.56	22.53		
20	QPSK	100	0	22.43	22.70	22.66		
20	16QAM	1	0	22.67	22.78	22.66	23	1
20	16QAM	1	49	22.69	22.66	22.68		
20	16QAM	1	99	22.55	22.60	22.60		
20	16QAM	50	0	21.60	21.76	21.66	22	2
20	16QAM	50	24	21.54	21.62	21.62		
20	16QAM	50	50	21.48	21.61	21.56		
20	16QAM	100	0	21.42	21.66	21.49		
20	64QAM	1	0	21.42	21.73	21.64	22	2
20	64QAM	1	49	21.56	21.71	21.62		
20	64QAM	1	99	21.54	21.78	21.59		
20	64QAM	50	0	20.48	20.76	20.54	21	3
20	64QAM	50	24	20.57	20.65	20.66		
20	64QAM	50	50	20.55	20.65	20.66		
20	64QAM	100	0	20.50	20.70	20.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.39	23.65	23.50	24	0
15	QPSK	1	37	23.36	23.44	23.43		
15	QPSK	1	74	23.39	23.34	23.37		
15	QPSK	36	0	22.64	22.60	22.59	23	1
15	QPSK	36	20	22.43	22.52	22.39		
15	QPSK	36	39	22.55	22.44	22.43		
15	QPSK	75	0	22.38	22.62	22.53		
15	16QAM	1	0	22.57	22.72	22.52	23	1
15	16QAM	1	37	22.62	22.63	22.59		
15	16QAM	1	74	22.45	22.46	22.53		
15	16QAM	36	0	21.54	21.63	21.52	22	2
15	16QAM	36	20	21.40	21.59	21.55		
15	16QAM	36	39	21.41	21.55	21.50		
15	16QAM	75	0	21.38	21.61	21.35		
15	64QAM	1	0	21.42	21.73	21.65	22	2
15	64QAM	1	37	21.41	21.66	21.66		
15	64QAM	1	74	21.50	21.74	21.58		
15	64QAM	36	0	20.51	20.73	20.70	21	3
15	64QAM	36	20	20.55	20.62	20.56		
15	64QAM	36	39	20.53	20.77	20.55		
15	64QAM	75	0	20.46	20.63	20.67		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.37	23.59	23.51	24	0
10	QPSK	1	25	23.32	23.53	23.46		
10	QPSK	1	49	23.34	23.39	23.46		
10	QPSK	25	0	22.58	22.50	22.61	23	1
10	QPSK	25	12	22.48	22.59	22.35		
10	QPSK	25	25	22.51	22.51	22.40		
10	QPSK	50	0	22.32	22.64	22.53		
10	16QAM	1	0	22.54	22.67	22.61	23	1
10	16QAM	1	25	22.55	22.57	22.64		
10	16QAM	1	49	22.43	22.50	22.54		
10	16QAM	25	0	21.47	21.64	21.55	22	2
10	16QAM	25	12	21.45	21.55	21.53		
10	16QAM	25	25	21.43	21.54	21.46		
10	16QAM	50	0	21.32	21.56	21.36		
10	64QAM	1	0	21.47	21.72	21.57	22	2
10	64QAM	1	25	21.51	21.73	21.66		
10	64QAM	1	49	21.54	21.62	21.56		
10	64QAM	25	0	20.43	20.61	20.70	21	3
10	64QAM	25	12	20.58	20.79	20.61		
10	64QAM	25	25	20.46	20.61	20.55		
10	64QAM	50	0	20.53	20.70	20.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.45	23.64	23.57	24	0
5	QPSK	1	12	23.38	23.45	23.39		
5	QPSK	1	24	23.33	23.42	23.44		
5	QPSK	12	0	22.65	22.59	22.51	23	1
5	QPSK	12	7	22.51	22.49	22.30		
5	QPSK	12	13	22.47	22.45	22.43		
5	QPSK	25	0	22.28	22.63	22.61		
5	16QAM	1	0	22.63	22.71	22.55	23	1
5	16QAM	1	12	22.64	22.53	22.64		
5	16QAM	1	24	22.44	22.51	22.56		
5	16QAM	12	0	21.55	21.66	21.60	22	2
5	16QAM	12	7	21.44	21.54	21.58		
5	16QAM	12	13	21.44	21.56	21.53		
5	16QAM	25	0	21.29	21.57	21.38		
5	64QAM	1	0	21.57	21.76	21.57	22	2
5	64QAM	1	12	21.45	21.71	21.65		
5	64QAM	1	24	21.58	21.64	21.72		
5	64QAM	12	0	20.54	20.70	20.57	21	3
5	64QAM	12	7	20.54	20.63	20.63		
5	64QAM	12	13	20.44	20.64	20.59		
5	64QAM	25	0	20.49	20.71	20.55		

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	23.23	23.41	23.31	24	0
10	QPSK	1	25	23.19	23.28	23.27		
10	QPSK	1	49	23.15	23.19	23.18		
10	QPSK	25	0	22.43	22.32	22.33	23	1
10	QPSK	25	12	22.27	22.34	22.13		
10	QPSK	25	25	22.34	22.23	22.24		
10	QPSK	50	0	22.16	22.46	22.31		
10	16QAM	1	0	22.44	22.49	22.32	23	1
10	16QAM	1	25	22.45	22.38	22.44		
10	16QAM	1	49	22.25	22.36	22.31		
10	16QAM	25	0	21.31	21.47	21.42	22	2
10	16QAM	25	12	21.21	21.32	21.30		
10	16QAM	25	25	21.19	21.35	21.26		
10	16QAM	50	0	21.13	21.40	21.16		
10	64QAM	1	0	21.21	21.37	21.33	22	2
10	64QAM	1	25	21.24	21.34	21.32		
10	64QAM	1	49	21.24	21.50	21.24		
10	64QAM	25	0	20.20	20.49	20.24	21	3
10	64QAM	25	12	20.29	20.33	20.33		
10	64QAM	25	25	20.26	20.46	20.37		
10	64QAM	50	0	20.20	20.42	20.25		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.16	23.34	23.22	24	0
5	QPSK	1	12	23.04	23.18	23.12		
5	QPSK	1	24	23.11	23.11	23.06		
5	QPSK	12	0	22.35	22.28	22.30	23	1
5	QPSK	12	7	22.19	22.26	21.99		
5	QPSK	12	13	22.21	22.11	22.21		
5	QPSK	25	0	22.11	22.43	22.22		
5	16QAM	1	0	22.37	22.40	22.21	23	1
5	16QAM	1	12	22.30	22.35	22.37		
5	16QAM	1	24	22.11	22.30	22.23		
5	16QAM	12	0	21.28	21.42	21.37	22	2
5	16QAM	12	7	21.09	21.21	21.27		
5	16QAM	12	13	21.08	21.27	21.13		
5	16QAM	25	0	21.02	21.35	21.11		
5	64QAM	1	0	21.18	21.42	21.26	22	2
5	64QAM	1	12	21.29	21.35	21.24		
5	64QAM	1	24	21.30	21.46	21.25		
5	64QAM	12	0	20.16	20.48	20.36	21	3
5	64QAM	12	7	20.29	20.49	20.24		
5	64QAM	12	13	20.27	20.43	20.39		
5	64QAM	25	0	20.20	20.44	20.34		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.14	23.37	23.21	24	0
3	QPSK	1	8	23.11	23.15	23.14		
3	QPSK	1	14	23.03	23.06	23.08		
3	QPSK	8	0	22.36	22.20	22.28	23	1
3	QPSK	8	4	22.23	22.26	22.01		
3	QPSK	8	7	22.22	22.17	22.09		
3	QPSK	15	0	22.02	22.40	22.27		
3	16QAM	1	0	22.38	22.43	22.20	23	1
3	16QAM	1	8	22.39	22.24	22.34		
3	16QAM	1	14	22.13	22.28	22.27		
3	16QAM	8	0	21.26	21.44	21.30	22	2
3	16QAM	8	4	21.12	21.20	21.22		
3	16QAM	8	7	21.15	21.25	21.19		
3	16QAM	15	0	21.02	21.33	21.13		
3	64QAM	1	0	21.23	21.39	21.29	22	2
3	64QAM	1	8	21.17	21.33	21.38		
3	64QAM	1	14	21.16	21.42	21.26		
3	64QAM	8	0	20.21	20.48	20.28	21	3
3	64QAM	8	4	20.22	20.38	20.32		
3	64QAM	8	7	20.15	20.39	20.33		
3	64QAM	15	0	20.23	20.39	20.26		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.14	23.35	23.21	24	0
1.4	QPSK	1	3	23.04	23.22	23.15		
1.4	QPSK	1	5	23.12	23.06	23.09		
1.4	QPSK	3	0	23.15	23.26	23.23		
1.4	QPSK	3	1	23.06	23.13	23.17		
1.4	QPSK	3	3	23.11	23.15	23.14		
1.4	QPSK	6	0	22.37	22.26	22.28	23	1
1.4	16QAM	1	0	22.24	22.25	22.08	23	1
1.4	16QAM	1	3	22.27	22.12	22.11		
1.4	16QAM	1	5	22.05	22.39	22.27		
1.4	16QAM	3	0	22.38	22.38	22.22		
1.4	16QAM	3	1	22.36	22.29	22.40		
1.4	16QAM	3	3	22.18	22.32	22.26		
1.4	16QAM	6	0	21.18	21.43	21.29	22	2
1.4	64QAM	1	0	21.25	21.41	21.36	22	2
1.4	64QAM	1	3	21.15	21.34	21.34		
1.4	64QAM	1	5	21.25	21.50	21.30		
1.4	64QAM	3	0	21.30	21.49	21.40		
1.4	64QAM	3	1	21.20	21.49	21.36		
1.4	64QAM	3	3	21.19	21.37	21.23		
1.4	64QAM	6	0	20.29	20.37	20.30	21	3

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		23.32		24	0
10	QPSK	1	25		23.13			
10	QPSK	1	49		23.10			
10	QPSK	25	0		22.28		23	1
10	QPSK	25	12		22.20			
10	QPSK	25	25		22.10			
10	QPSK	50	0		22.42			
10	16QAM	1	0		22.38		23	1
10	16QAM	1	25		22.25			
10	16QAM	1	49		22.22			
10	16QAM	25	0		21.44		22	2
10	16QAM	25	12		21.26			
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.35			
10	64QAM	1	0		21.32		22	2
10	64QAM	1	25		21.24			
10	64QAM	1	49		21.35			
10	64QAM	25	0		20.26		21	3
10	64QAM	25	12		20.33			
10	64QAM	25	25		20.27			
10	64QAM	50	0		20.38			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.21	23.26	23.22	24	0
5	QPSK	1	12	23.17	23.22	23.17		
5	QPSK	1	24	22.96	23.07	22.94		
5	QPSK	12	0	22.14	22.26	22.13	23	1
5	QPSK	12	7	22.08	22.22	22.12		
5	QPSK	12	13	22.05	22.13	22.10		
5	QPSK	25	0	22.34	22.39	22.26		
5	16QAM	1	0	22.23	22.34	22.30	23	1
5	16QAM	1	12	22.20	22.26	22.20		
5	16QAM	1	24	22.17	22.27	22.19		
5	16QAM	12	0	21.20	21.34	21.24	22	2
5	16QAM	12	7	21.16	21.25	21.17		
5	16QAM	12	13	21.14	21.21	21.15		
5	16QAM	25	0	21.26	21.35	21.21		
5	64QAM	1	0	21.13	21.21	21.19	22	2
5	64QAM	1	12	21.17	21.34	21.25		
5	64QAM	1	24	21.26	21.28	21.22		
5	64QAM	12	0	20.15	20.18	20.30	21	3
5	64QAM	12	7	20.21	20.32	20.17		
5	64QAM	12	13	20.26	20.25	20.13		
5	64QAM	25	0	20.22	20.22	20.25		

Band 14 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.78		24.5	0
10	QPSK	1	25		23.68			
10	QPSK	1	49		23.64			
10	QPSK	25	0		22.75		23.5	1
10	QPSK	25	12		22.71			
10	QPSK	25	25		22.64			
10	QPSK	50	0		22.70			
10	16QAM	1	0		22.80		23.5	1
10	16QAM	1	25		22.82			
10	16QAM	1	49		22.77			
10	16QAM	25	0		21.85		22.5	2
10	16QAM	25	12		21.77			
10	16QAM	25	25		21.70			
10	16QAM	50	0		21.68			
10	64QAM	1	0		21.81		22.5	2
10	64QAM	1	25		21.83			
10	64QAM	1	49		21.71			
10	64QAM	25	0		20.80		21.5	3
10	64QAM	25	12		20.71			
10	64QAM	25	25		20.79			
10	64QAM	50	0		20.79			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	23.72	23.74	23.71	24.5	0
5	QPSK	1	12	23.68	23.68	23.72		
5	QPSK	1	24	23.59	23.62	23.57		
5	QPSK	12	0	22.84	22.82	22.74	23.5	1
5	QPSK	12	7	22.72	22.73	22.76		
5	QPSK	12	13	22.67	22.68	22.66		
5	QPSK	25	0	22.70	22.76	22.69		
5	16QAM	1	0	22.89	22.81	22.81	23.5	1
5	16QAM	1	12	22.80	22.73	22.83		
5	16QAM	1	24	22.78	22.78	22.72		
5	16QAM	12	0	21.76	21.82	21.78	22.5	2
5	16QAM	12	7	21.73	21.75	21.76		
5	16QAM	12	13	21.79	21.75	21.79		
5	16QAM	25	0	21.69	21.75	21.74		
5	64QAM	1	0	21.73	21.75	21.73	22.5	2
5	64QAM	1	12	21.76	21.73	21.71		
5	64QAM	1	24	21.60	21.79	21.79		
5	64QAM	12	0	20.82	20.84	20.77	21.5	3
5	64QAM	12	7	20.61	20.69	20.60		
5	64QAM	12	13	20.63	20.70	20.59		
5	64QAM	25	0	20.76	20.83	20.81		

Band 25 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.26	23.35	23.29	24	0
20	QPSK	1	49	23.12	23.26	23.18		
20	QPSK	1	99	23.07	23.23	23.14		
20	QPSK	50	0	22.27	22.35	22.25	23	1
20	QPSK	50	24	22.23	22.34	22.23		
20	QPSK	50	50	22.21	22.23	22.27		
20	QPSK	100	0	22.23	22.28	22.25		
20	16QAM	1	0	22.42	22.46	22.43	23	1
20	16QAM	1	49	22.35	22.34	22.35		
20	16QAM	1	99	22.31	22.33	22.28		
20	16QAM	50	0	21.40	21.40	21.27	22	2
20	16QAM	50	24	21.22	21.35	21.27		
20	16QAM	50	50	21.29	21.36	21.27		
20	16QAM	100	0	21.21	21.32	21.26		
20	64QAM	1	0	21.17	21.43	21.19	22	2
20	64QAM	1	49	21.31	21.43	21.34		
20	64QAM	1	99	21.32	21.30	21.21		
20	64QAM	50	0	20.19	20.28	20.38	21	3
20	64QAM	50	24	20.24	20.43	20.28		
20	64QAM	50	50	20.23	20.27	20.35		
20	64QAM	100	0	20.25	20.29	20.18		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.22	23.23	23.18	24	0
15	QPSK	1	37	23.07	23.14	23.08		
15	QPSK	1	74	22.96	23.13	23.00		
15	QPSK	36	0	22.24	22.30	22.12	23	1
15	QPSK	36	20	22.14	22.30	22.20		
15	QPSK	36	39	22.06	22.15	22.18		
15	QPSK	75	0	22.10	22.17	22.15		
15	16QAM	1	0	22.30	22.33	22.35	23	1
15	16QAM	1	37	22.25	22.22	22.24		
15	16QAM	1	74	22.22	22.21	22.15		
15	16QAM	36	0	21.36	21.31	21.21	22	2
15	16QAM	36	20	21.07	21.28	21.20		
15	16QAM	36	39	21.20	21.23	21.20		
15	16QAM	75	0	21.09	21.27	21.18		
15	64QAM	1	0	21.21	21.41	21.32	22	2
15	64QAM	1	37	21.26	21.27	21.32		
15	64QAM	1	74	21.23	21.37	21.22		
15	64QAM	36	0	20.23	20.46	20.34	21	3
15	64QAM	36	20	20.35	20.36	20.20		
15	64QAM	36	39	20.25	20.26	20.38		
15	64QAM	75	0	20.17	20.38	20.37		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.12	23.27	23.18	24	0
10	QPSK	1	25	23.08	23.12	23.14		
10	QPSK	1	49	22.97	23.12	23.00		
10	QPSK	25	0	22.23	22.30	22.21	23	1
10	QPSK	25	12	22.14	22.30	22.13		
10	QPSK	25	25	22.10	22.14	22.21		
10	QPSK	50	0	22.08	22.21	22.14		
10	16QAM	1	0	22.37	22.43	22.31	23	1
10	16QAM	1	25	22.23	22.21	22.30		
10	16QAM	1	49	22.22	22.19	22.14		
10	16QAM	25	0	21.25	21.33	21.23	22	2
10	16QAM	25	12	21.18	21.26	21.20		
10	16QAM	25	25	21.14	21.31	21.17		
10	16QAM	50	0	21.10	21.20	21.17		
10	64QAM	1	0	21.18	21.33	21.39	22	2
10	64QAM	1	25	21.33	21.45	21.33		
10	64QAM	1	49	21.19	21.34	21.29		
10	64QAM	25	0	20.29	20.37	20.36	21	3
10	64QAM	25	12	20.30	20.30	20.24		
10	64QAM	25	25	20.24	20.37	20.35		
10	64QAM	50	0	20.37	20.31	20.36		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.13	23.25	23.23	24	0
5	QPSK	1	12	23.06	23.20	23.07		
5	QPSK	1	24	22.97	23.13	23.07		
5	QPSK	12	0	22.20	22.21	22.18	23	1
5	QPSK	12	7	22.17	22.25	22.09		
5	QPSK	12	13	22.12	22.10	22.19		
5	QPSK	25	0	22.16	22.14	22.11		
5	16QAM	1	0	22.32	22.38	22.31	23	1
5	16QAM	1	12	22.30	22.26	22.23		
5	16QAM	1	24	22.19	22.24	22.17		
5	16QAM	12	0	21.31	21.28	21.23	22	2
5	16QAM	12	7	21.16	21.24	21.23		
5	16QAM	12	13	21.17	21.23	21.21		
5	16QAM	25	0	21.11	21.22	21.23		
5	64QAM	1	0	21.24	21.29	21.19	22	2
5	64QAM	1	12	21.28	21.41	21.35		
5	64QAM	1	24	21.31	21.45	21.24		
5	64QAM	12	0	20.37	20.34	20.38	21	3
5	64QAM	12	7	20.25	20.40	20.35		
5	64QAM	12	13	20.36	20.38	20.35		
5	64QAM	25	0	20.29	20.32	20.32		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.22	23.32	23.14	24	0
3	QPSK	1	8	23.08	23.22	23.13		
3	QPSK	1	14	22.92	23.13	23.09		
3	QPSK	8	0	22.19	22.21	22.13	23	1
3	QPSK	8	4	22.10	22.25	22.09		
3	QPSK	8	7	22.09	22.19	22.22		
3	QPSK	15	0	22.14	22.25	22.21		
3	16QAM	1	0	22.35	22.39	22.32	23	1
3	16QAM	1	8	22.26	22.28	22.30		
3	16QAM	1	14	22.28	22.23	22.24		
3	16QAM	8	0	21.28	21.33	21.12	22	2
3	16QAM	8	4	21.10	21.29	21.17		
3	16QAM	8	7	21.15	21.32	21.24		
3	16QAM	15	0	21.18	21.24	21.12		
3	64QAM	1	0	21.35	21.24	21.37	22	2
3	64QAM	1	8	21.25	21.36	21.23		
3	64QAM	1	14	21.31	21.42	21.38		
3	64QAM	8	0	20.27	20.36	20.30	21	3
3	64QAM	8	4	20.31	20.23	20.38		
3	64QAM	8	7	20.30	20.30	20.37		
3	64QAM	15	0	20.23	20.33	20.37		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.18	23.31	23.17	24	0
1.4	QPSK	1	3	23.02	23.16	23.11		
1.4	QPSK	1	5	23.03	23.09	23.01		
1.4	QPSK	3	0	23.20	23.24	23.14		
1.4	QPSK	3	1	22.98	23.11	23.07		
1.4	QPSK	3	3	23.03	23.09	23.03		
1.4	QPSK	6	0	22.14	22.22	22.18	23	1
1.4	16QAM	1	0	22.14	22.26	22.15	23	1
1.4	16QAM	1	3	22.09	22.16	22.15		
1.4	16QAM	1	5	22.17	22.25	22.13		
1.4	16QAM	3	0	22.28	22.37	22.40		
1.4	16QAM	3	1	22.23	22.27	22.22		
1.4	16QAM	3	3	22.24	22.18	22.22		
1.4	16QAM	6	0	21.34	21.29	21.22	22	2
1.4	64QAM	1	0	21.17	21.37	21.24	22	2
1.4	64QAM	1	3	21.29	21.26	21.32		
1.4	64QAM	1	5	21.36	21.40	21.38		
1.4	64QAM	3	0	21.32	21.38	21.18		
1.4	64QAM	3	1	21.29	21.23	21.38		
1.4	64QAM	3	3	21.37	21.43	21.30		
1.4	64QAM	6	0	20.14	20.42	20.19	21	3

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	23.84	24.01	23.90	25	0
15	QPSK	1	37	23.77	23.84	23.87		
15	QPSK	1	74	23.71	23.85	23.78		
15	QPSK	36	0	22.96	23.02	22.92	24	1
15	QPSK	36	20	22.79	22.95	22.77		
15	QPSK	36	39	22.85	22.95	22.87		
15	QPSK	75	0	22.87	22.98	22.91		
15	16QAM	1	0	22.96	23.00	22.92	24	1
15	16QAM	1	37	22.95	22.98	22.96		
15	16QAM	1	74	22.92	22.99	22.94		
15	16QAM	36	0	21.92	22.01	21.85	23	2
15	16QAM	36	20	21.88	21.85	21.87		
15	16QAM	36	39	21.89	21.91	21.90		
15	16QAM	75	0	21.82	21.95	21.87		
15	64QAM	1	0	21.76	22.13	21.98	23	2
15	64QAM	1	37	21.93	21.90	21.89		
15	64QAM	1	74	21.76	21.94	22.02		
15	64QAM	36	0	20.77	20.99	20.81	22	3
15	64QAM	36	20	20.78	21.11	20.82		
15	64QAM	36	39	20.90	20.99	20.89		
15	64QAM	75	0	20.85	21.09	20.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.80	23.94	23.83	25	0
10	QPSK	1	25	23.72	23.76	23.74		
10	QPSK	1	49	23.66	23.77	23.65		
10	QPSK	25	0	22.89	22.95	22.86	24	1
10	QPSK	25	12	22.71	22.86	22.67		
10	QPSK	25	25	22.79	22.89	22.77		
10	QPSK	50	0	22.81	22.88	22.78		
10	16QAM	1	0	22.91	22.88	22.83	24	1
10	16QAM	1	25	22.88	22.93	22.85		
10	16QAM	1	49	22.88	22.86	22.89		
10	16QAM	25	0	21.78	21.89	21.76	23	2
10	16QAM	25	12	21.82	21.73	21.76		
10	16QAM	25	25	21.78	21.80	21.76		
10	16QAM	50	0	21.77	21.84	21.80		
10	64QAM	1	0	21.82	21.96	21.99	23	2
10	64QAM	1	25	21.76	22.01	21.98		
10	64QAM	1	49	21.85	22.11	21.82		
10	64QAM	25	0	20.83	20.92	20.91	22	3
10	64QAM	25	12	20.78	20.94	20.92		
10	64QAM	25	25	20.89	20.96	20.79		
10	64QAM	50	0	20.81	20.90	20.93		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.73	23.88	23.84	25	0
5	QPSK	1	12	23.65	23.79	23.78		
5	QPSK	1	24	23.65	23.73	23.68		
5	QPSK	12	0	22.92	22.96	22.80	24	1
5	QPSK	12	7	22.70	22.81	22.71		
5	QPSK	12	13	22.73	22.87	22.78		
5	QPSK	25	0	22.73	22.93	22.84		
5	16QAM	1	0	22.93	22.94	22.82	24	1
5	16QAM	1	12	22.88	22.95	22.91		
5	16QAM	1	24	22.86	22.91	22.83		
5	16QAM	12	0	21.88	21.91	21.76	23	2
5	16QAM	12	7	21.78	21.73	21.82		
5	16QAM	12	13	21.77	21.79	21.77		
5	16QAM	25	0	21.71	21.81	21.74		
5	64QAM	1	0	21.93	22.02	21.90	23	2
5	64QAM	1	12	21.76	22.07	21.94		
5	64QAM	1	24	21.72	22.06	21.93		
5	64QAM	12	0	20.84	21.08	20.98	22	3
5	64QAM	12	7	20.74	21.09	20.85		
5	64QAM	12	13	20.86	21.02	21.01		
5	64QAM	25	0	20.90	20.94	20.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.81	23.90	23.86	25	0
3	QPSK	1	8	23.66	23.79	23.73		
3	QPSK	1	14	23.64	23.78	23.70		
3	QPSK	8	0	22.82	22.89	22.81	24	1
3	QPSK	8	4	22.70	22.90	22.71		
3	QPSK	8	7	22.72	22.89	22.77		
3	QPSK	15	0	22.76	22.86	22.84		
3	16QAM	1	0	22.85	22.97	22.81	24	1
3	16QAM	1	8	22.91	22.94	22.92		
3	16QAM	1	14	22.88	22.90	22.86		
3	16QAM	8	0	21.84	21.93	21.71	23	2
3	16QAM	8	4	21.80	21.74	21.77		
3	16QAM	8	7	21.85	21.77	21.82		
3	16QAM	15	0	21.78	21.83	21.75		
3	64QAM	1	0	21.73	21.94	21.86	23	2
3	64QAM	1	8	21.79	21.93	21.91		
3	64QAM	1	14	21.93	22.10	21.96		
3	64QAM	8	0	20.89	21.03	20.89	22	3
3	64QAM	8	4	20.82	21.06	20.85		
3	64QAM	8	7	20.74	20.97	21.01		
3	64QAM	15	0	20.72	20.97	20.88		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.71	23.97	23.83	25	0
1.4	QPSK	1	3	23.62	23.78	23.74		
1.4	QPSK	1	5	23.58	23.71	23.69		
1.4	QPSK	3	0	23.73	23.93	23.77		
1.4	QPSK	3	1	23.64	23.78	23.84		
1.4	QPSK	3	3	23.67	23.76	23.68		
1.4	QPSK	6	0	22.92	22.95	22.86	24	1
1.4	16QAM	1	0	22.71	22.87	22.67	24	1
1.4	16QAM	1	3	22.77	22.92	22.79		
1.4	16QAM	1	5	22.82	22.85	22.86		
1.4	16QAM	3	0	22.88	22.94	22.82		
1.4	16QAM	3	1	22.80	22.90	22.90		
1.4	16QAM	3	3	22.87	22.87	22.83		
1.4	16QAM	6	0	21.87	21.97	21.77	23	2
1.4	64QAM	1	0	21.82	22.06	21.98	23	2
1.4	64QAM	1	3	21.88	22.07	21.79		
1.4	64QAM	1	5	21.79	22.10	21.83		
1.4	64QAM	3	0	21.95	22.01	21.94		
1.4	64QAM	3	1	21.94	22.00	21.81		
1.4	64QAM	3	3	21.88	21.98	21.90		
1.4	64QAM	6	0	20.92	20.91	20.91	22	3

Band 66 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.59	23.63	23.52	24	0
20	QPSK	1	49	23.43	23.58	23.50		
20	QPSK	1	99	23.41	23.53	23.44		
20	QPSK	50	0	22.55	22.62	22.48	23	1
20	QPSK	50	24	22.39	22.53	22.38		
20	QPSK	50	50	22.52	22.51	22.49		
20	QPSK	100	0	22.52	22.65	22.57		
20	16QAM	1	0	22.60	22.56	22.55	23	1
20	16QAM	1	49	22.55	22.56	22.53		
20	16QAM	1	99	22.58	22.65	22.57		
20	16QAM	50	0	21.50	21.64	21.52	22	2
20	16QAM	50	24	21.46	21.50	21.49		
20	16QAM	50	50	21.45	21.57	21.48		
20	16QAM	100	0	21.49	21.53	21.53		
20	64QAM	1	0	21.51	21.71	21.49	22	2
20	64QAM	1	49	21.54	21.58	21.57		
20	64QAM	1	99	21.59	21.59	21.51		
20	64QAM	50	0	20.57	20.55	20.60	21	3
20	64QAM	50	24	20.50	20.53	20.63		
20	64QAM	50	50	20.49	20.68	20.42		
20	64QAM	100	0	20.47	20.75	20.42		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.47	23.56	23.42	24	0
15	QPSK	1	37	23.32	23.47	23.38		
15	QPSK	1	74	23.35	23.44	23.31		
15	QPSK	36	0	22.42	22.52	22.44	23	1
15	QPSK	36	20	22.26	22.45	22.35		
15	QPSK	36	39	22.43	22.45	22.46		
15	QPSK	75	0	22.44	22.54	22.51		
15	16QAM	1	0	22.47	22.48	22.42	23	1
15	16QAM	1	37	22.49	22.43	22.47		
15	16QAM	1	74	22.47	22.55	22.51		
15	16QAM	36	0	21.41	21.59	21.47	22	2
15	16QAM	36	20	21.34	21.38	21.41		
15	16QAM	36	39	21.38	21.44	21.45		
15	16QAM	75	0	21.42	21.38	21.44		
15	64QAM	1	0	21.55	21.60	21.48	22	2
15	64QAM	1	37	21.62	21.72	21.44		
15	64QAM	1	74	21.58	21.56	21.46		
15	64QAM	36	0	20.49	20.55	20.41	21	3
15	64QAM	36	20	20.64	20.75	20.54		
15	64QAM	36	39	20.68	20.71	20.63		
15	64QAM	75	0	20.63	20.55	20.53		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.45	23.54	23.42	24	0
10	QPSK	1	25	23.40	23.44	23.39		
10	QPSK	1	49	23.26	23.47	23.31		
10	QPSK	25	0	22.46	22.57	22.42	23	1
10	QPSK	25	12	22.30	22.46	22.33		
10	QPSK	25	25	22.45	22.45	22.37		
10	QPSK	50	0	22.39	22.61	22.51		
10	16QAM	1	0	22.50	22.48	22.50	23	1
10	16QAM	1	25	22.52	22.52	22.46		
10	16QAM	1	49	22.48	22.57	22.44		
10	16QAM	25	0	21.42	21.52	21.41	22	2
10	16QAM	25	12	21.36	21.36	21.35		
10	16QAM	25	25	21.37	21.51	21.37		
10	16QAM	50	0	21.34	21.42	21.39		
10	64QAM	1	0	21.48	21.59	21.48	22	2
10	64QAM	1	25	21.50	21.56	21.52		
10	64QAM	1	49	21.58	21.64	21.45		
10	64QAM	25	0	20.66	20.70	20.45	21	3
10	64QAM	25	12	20.65	20.54	20.49		
10	64QAM	25	25	20.57	20.55	20.56		
10	64QAM	50	0	20.65	20.59	20.61		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.48	23.59	23.43	24	0
5	QPSK	1	12	23.35	23.43	23.41		
5	QPSK	1	24	23.35	23.44	23.41		
5	QPSK	12	0	22.46	22.49	22.42	23	1
5	QPSK	12	7	22.32	22.39	22.32		
5	QPSK	12	13	22.39	22.43	22.41		
5	QPSK	25	0	22.38	22.51	22.47		
5	16QAM	1	0	22.49	22.52	22.49	23	1
5	16QAM	1	12	22.46	22.52	22.48		
5	16QAM	1	24	22.54	22.60	22.47		
5	16QAM	12	0	21.44	21.50	21.39	22	2
5	16QAM	12	7	21.41	21.46	21.42		
5	16QAM	12	13	21.42	21.46	21.33		
5	16QAM	25	0	21.34	21.50	21.47		
5	64QAM	1	0	21.68	21.58	21.52	22	2
5	64QAM	1	12	21.69	21.66	21.63		
5	64QAM	1	24	21.63	21.55	21.49		
5	64QAM	12	0	20.57	20.74	20.64	21	3
5	64QAM	12	7	20.59	20.67	20.58		
5	64QAM	12	13	20.54	20.68	20.56		
5	64QAM	25	0	20.54	20.66	20.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.49	23.53	23.41	24	0
3	QPSK	1	8	23.36	23.51	23.44		
3	QPSK	1	14	23.29	23.42	23.30		
3	QPSK	8	0	22.46	22.59	22.39	23	1
3	QPSK	8	4	22.33	22.43	22.32		
3	QPSK	8	7	22.46	22.39	22.34		
3	QPSK	15	0	22.38	22.53	22.44		
3	16QAM	1	0	22.45	22.44	22.47	23	1
3	16QAM	1	8	22.51	22.44	22.38		
3	16QAM	1	14	22.55	22.61	22.46		
3	16QAM	8	0	21.40	21.60	21.39	22	2
3	16QAM	8	4	21.41	21.43	21.34		
3	16QAM	8	7	21.40	21.44	21.39		
3	16QAM	15	0	21.44	21.41	21.50		
3	64QAM	1	0	21.57	21.57	21.53	22	2
3	64QAM	1	8	21.53	21.52	21.45		
3	64QAM	1	14	21.63	21.57	21.42		
3	64QAM	8	0	20.69	20.54	20.43	21	3
3	64QAM	8	4	20.54	20.54	20.51		
3	64QAM	8	7	20.48	20.53	20.59		
3	64QAM	15	0	20.61	20.66	20.55		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.47	23.56	23.44	24	0
1.4	QPSK	1	3	23.34	23.53	23.41		
1.4	QPSK	1	5	23.32	23.44	23.31		
1.4	QPSK	3	0	23.45	23.51	23.39		
1.4	QPSK	3	1	23.36	23.48	23.43		
1.4	QPSK	3	3	23.28	23.41	23.29		
1.4	QPSK	6	0	22.40	22.54	22.43	23	1
1.4	16QAM	1	0	22.25	22.44	22.33	23	1
1.4	16QAM	1	3	22.40	22.37	22.46		
1.4	16QAM	1	5	22.49	22.61	22.47		
1.4	16QAM	3	0	22.49	22.49	22.43		
1.4	16QAM	3	1	22.48	22.52	22.45		
1.4	16QAM	3	3	22.43	22.56	22.45		
1.4	16QAM	6	0	21.38	21.53	21.43	22	2
1.4	64QAM	1	0	21.66	21.69	21.58	22	2
1.4	64QAM	1	3	21.64	21.68	21.41		
1.4	64QAM	1	5	21.58	21.75	21.54		
1.4	64QAM	3	0	21.66	21.68	21.50		
1.4	64QAM	3	1	21.67	21.53	21.47		
1.4	64QAM	3	3	21.62	21.72	21.41		
1.4	64QAM	6	0	20.55	20.70	20.63	21	3

Band 71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	23.91	23.94	23.80	25	0
20	QPSK	1	49	23.76	23.91	23.77		
20	QPSK	1	99	23.68	23.81	23.78		
20	QPSK	50	0	22.87	22.88	22.80	24	1
20	QPSK	50	24	22.66	22.87	22.66		
20	QPSK	50	50	22.78	22.84	22.81		
20	QPSK	100	0	22.86	22.91	22.87		
20	16QAM	1	0	22.85	22.90	22.86	24	1
20	16QAM	1	49	22.92	22.89	22.82		
20	16QAM	1	99	22.90	23.00	22.93		
20	16QAM	50	0	21.76	21.91	21.78	23	2
20	16QAM	50	24	21.72	21.76	21.82		
20	16QAM	50	50	21.78	21.93	21.80		
20	16QAM	100	0	21.83	21.88	21.80		
20	64QAM	1	0	21.84	21.99	21.87	23	2
20	64QAM	1	49	21.95	21.94	21.77		
20	64QAM	1	99	21.85	21.85	21.86		
20	64QAM	50	0	20.91	20.93	20.83	22	3
20	64QAM	50	24	20.88	20.93	20.77		
20	64QAM	50	50	20.85	20.99	20.85		
20	64QAM	100	0	20.93	20.91	20.91		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.79	23.80	23.71	25	0
15	QPSK	1	37	23.68	23.87	23.67		
15	QPSK	1	74	23.59	23.68	23.65		
15	QPSK	36	0	22.80	22.76	22.70	24	1
15	QPSK	36	20	22.55	22.74	22.62		
15	QPSK	36	39	22.73	22.75	22.72		
15	QPSK	75	0	22.82	22.85	22.78		
15	16QAM	1	0	22.80	22.79	22.75	24	1
15	16QAM	1	37	22.78	22.80	22.75		
15	16QAM	1	74	22.79	22.86	22.83		
15	16QAM	36	0	21.70	21.87	21.71	23	2
15	16QAM	36	20	21.57	21.70	21.70		
15	16QAM	36	39	21.67	21.90	21.71		
15	16QAM	75	0	21.71	21.79	21.67		
15	64QAM	1	0	21.90	21.96	21.91	23	2
15	64QAM	1	37	21.95	22.00	21.88		
15	64QAM	1	74	21.98	21.93	21.72		
15	64QAM	36	0	20.82	20.95	20.79	22	3
15	64QAM	36	20	20.87	20.96	20.86		
15	64QAM	36	39	20.80	20.83	20.81		
15	64QAM	75	0	20.90	20.90	20.87		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	23.81	23.90	23.69	25	0
10	QPSK	1	25	23.69	23.87	23.70		
10	QPSK	1	49	23.63	23.77	23.67		
10	QPSK	25	0	22.76	22.80	22.70	24	1
10	QPSK	25	12	22.52	22.82	22.56		
10	QPSK	25	25	22.72	22.71	22.71		
10	QPSK	50	0	22.76	22.77	22.82		
10	16QAM	1	0	22.80	22.82	22.81	24	1
10	16QAM	1	25	22.85	22.77	22.72		
10	16QAM	1	49	22.84	22.97	22.82		
10	16QAM	25	0	21.61	21.87	21.67	23	2
10	16QAM	25	12	21.63	21.61	21.72		
10	16QAM	25	25	21.67	21.86	21.71		
10	16QAM	50	0	21.70	21.83	21.65		
10	64QAM	1	0	21.90	21.96	21.84	23	2
10	64QAM	1	25	21.79	21.83	21.89		
10	64QAM	1	49	21.91	21.90	21.81		
10	64QAM	25	0	20.94	20.85	20.86	22	3
10	64QAM	25	12	20.99	20.86	20.89		
10	64QAM	25	25	20.90	20.91	20.90		
10	64QAM	50	0	20.90	20.92	20.83		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	23.78	23.86	23.67	25	0
5	QPSK	1	12	23.66	23.80	23.72		
5	QPSK	1	24	23.54	23.76	23.74		
5	QPSK	12	0	22.83	22.78	22.76	24	1
5	QPSK	12	7	22.59	22.81	22.62		
5	QPSK	12	13	22.64	22.76	22.68		
5	QPSK	25	0	22.73	22.85	22.83		
5	16QAM	1	0	22.76	22.85	22.73	24	1
5	16QAM	1	12	22.89	22.75	22.78		
5	16QAM	1	24	22.85	22.93	22.87		
5	16QAM	12	0	21.69	21.81	21.66	23	2
5	16QAM	12	7	21.65	21.67	21.69		
5	16QAM	12	13	21.67	21.88	21.67		
5	16QAM	25	0	21.70	21.84	21.70		
5	64QAM	1	0	21.92	21.86	21.69	23	2
5	64QAM	1	12	21.87	21.93	21.81		
5	64QAM	1	24	21.84	21.87	21.85		
5	64QAM	12	0	20.93	20.93	20.73	22	3
5	64QAM	12	7	20.99	20.97	20.90		
5	64QAM	12	13	21.00	20.86	20.73		
5	64QAM	25	0	20.94	20.82	20.73		

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.71	23.87	23.77	24	0
20	QPSK	1	49	23.59	23.77	23.78		
20	QPSK	1	99	23.56	23.70	23.69		
20	QPSK	50	0	22.82	22.91	22.71	23	1
20	QPSK	50	24	22.72	22.82	22.71		
20	QPSK	50	50	22.73	22.83	22.77		
20	QPSK	100	0	22.70	22.82	22.73		
20	16QAM	1	0	22.87	22.91	22.91	23	1
20	16QAM	1	49	22.79	22.90	22.81		
20	16QAM	1	99	22.82	22.83	22.83		
20	16QAM	50	0	21.82	21.86	21.75	22	2
20	16QAM	50	24	21.68	21.80	21.77		
20	16QAM	50	50	21.71	21.84	21.85		
20	16QAM	100	0	21.74	21.85	21.72		
20	64QAM	1	0	21.71	21.96	21.67	22	2
20	64QAM	1	49	21.79	21.98	21.79		
20	64QAM	1	99	21.60	21.90	21.81		
20	64QAM	50	0	20.72	20.77	20.78	21	3
20	64QAM	50	24	20.68	20.88	20.69		
20	64QAM	50	50	20.75	20.89	20.85		
20	64QAM	100	0	20.71	20.93	20.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.62	23.73	23.68	24	0
15	QPSK	1	37	23.52	23.66	23.71		
15	QPSK	1	74	23.52	23.62	23.65		
15	QPSK	36	0	22.70	22.86	22.63	23	1
15	QPSK	36	20	22.61	22.67	22.64		
15	QPSK	36	39	22.69	22.70	22.68		
15	QPSK	75	0	22.64	22.78	22.69		
15	16QAM	1	0	22.76	22.79	22.77	23	1
15	16QAM	1	37	22.74	22.76	22.67		
15	16QAM	1	74	22.73	22.75	22.75		
15	16QAM	36	0	21.76	21.77	21.67	22	2
15	16QAM	36	20	21.60	21.71	21.70		
15	16QAM	36	39	21.59	21.75	21.79		
15	16QAM	75	0	21.64	21.79	21.63		
15	64QAM	1	0	21.72	21.79	21.79	22	2
15	64QAM	1	37	21.67	21.81	21.87		
15	64QAM	1	74	21.74	21.98	21.72		
15	64QAM	36	0	20.81	20.88	20.86	21	3
15	64QAM	36	20	20.63	20.92	20.66		
15	64QAM	36	39	20.77	20.76	20.76		
15	64QAM	75	0	20.76	20.85	20.72		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.64	23.77	23.69	24	0
10	QPSK	1	25	23.50	23.73	23.73		
10	QPSK	1	49	23.44	23.61	23.63		
10	QPSK	25	0	22.77	22.86	22.60	23	1
10	QPSK	25	12	22.62	22.76	22.61		
10	QPSK	25	25	22.64	22.74	22.72		
10	QPSK	50	0	22.57	22.76	22.67		
10	16QAM	1	0	22.81	22.87	22.80	23	1
10	16QAM	1	25	22.70	22.83	22.66		
10	16QAM	1	49	22.72	22.73	22.69		
10	16QAM	25	0	21.79	21.72	21.64	22	2
10	16QAM	25	12	21.64	21.71	21.70		
10	16QAM	25	25	21.61	21.73	21.78		
10	16QAM	50	0	21.60	21.80	21.65		
10	64QAM	1	0	21.65	21.97	21.76	22	2
10	64QAM	1	25	21.71	21.95	21.76		
10	64QAM	1	49	21.82	21.77	21.71		
10	64QAM	25	0	20.63	20.78	20.85	21	3
10	64QAM	25	12	20.70	20.92	20.87		
10	64QAM	25	25	20.70	20.82	20.80		
10	64QAM	50	0	20.78	20.87	20.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.67	23.81	23.73	24	0
5	QPSK	1	12	23.51	23.71	23.64		
5	QPSK	1	24	23.46	23.67	23.60		
5	QPSK	12	0	22.78	22.85	22.67	23	1
5	QPSK	12	7	22.69	22.79	22.68		
5	QPSK	12	13	22.58	22.71	22.67		
5	QPSK	25	0	22.57	22.68	22.60		
5	16QAM	1	0	22.79	22.85	22.83	23	1
5	16QAM	1	12	22.76	22.84	22.76		
5	16QAM	1	24	22.76	22.77	22.76		
5	16QAM	12	0	21.74	21.72	21.66	22	2
5	16QAM	12	7	21.58	21.71	21.72		
5	16QAM	12	13	21.65	21.76	21.80		
5	16QAM	25	0	21.60	21.80	21.68		
5	64QAM	1	0	21.73	21.86	21.82	22	2
5	64QAM	1	12	21.75	21.94	21.84		
5	64QAM	1	24	21.80	21.95	21.85		
5	64QAM	12	0	20.73	20.95	20.81	21	3
5	64QAM	12	7	20.67	20.89	20.85		
5	64QAM	12	13	20.80	20.90	20.78		
5	64QAM	25	0	20.80	20.97	20.67		

Band 41 HPUE Ant 1

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	25.14	25.23	25.33	25.31	25.14	26	0
20	QPSK	1	49	25.01	25.20	25.27	25.22	25.02		
20	QPSK	1	99	24.98	25.13	25.23	25.23	25.08		
20	QPSK	50	0	24.10	24.36	24.43	24.27	24.17	25	1
20	QPSK	50	24	24.05	24.20	24.30	24.28	24.14		
20	QPSK	50	50	24.06	24.29	24.30	24.19	24.25		
20	QPSK	100	0	24.11	24.31	24.26	24.24	24.23		
20	16QAM	1	0	24.20	24.40	24.44	24.34	24.21	25	1
20	16QAM	1	49	24.09	24.27	24.46	24.41	24.22		
20	16QAM	1	99	24.14	24.26	24.35	24.23	24.24		
20	16QAM	50	0	23.13	23.30	23.41	23.43	23.25	24	2
20	16QAM	50	24	23.15	23.22	23.28	23.21	23.16		
20	16QAM	50	50	23.22	23.34	23.40	23.34	23.16		
20	16QAM	100	0	23.00	23.20	23.38	23.33	22.97		
20	64QAM	1	0	23.16	23.21	23.41	23.22	23.09	24	2
20	64QAM	1	49	23.24	23.35	23.38	23.29	23.11		
20	64QAM	1	99	23.18	23.26	23.28	23.36	23.26		
20	64QAM	50	0	22.15	22.28	22.37	22.33	22.20	23	3
20	64QAM	50	24	22.09	22.14	22.42	22.31	22.10		
20	64QAM	50	50	22.24	22.35	22.22	22.38	22.23		
20	64QAM	100	0	22.11	22.13	22.35	22.38	22.14		
20	256QAM	1	0	20.74	20.63	20.74	20.62	20.57	21	5
20	256QAM	1	49	20.67	20.77	20.73	20.66	20.73		
20	256QAM	1	99	20.61	20.52	20.56	20.53	20.66		
20	256QAM	50	0	20.52	20.49	20.52	20.60	20.49	21	5
20	256QAM	50	24	20.42	20.46	20.38	20.42	20.45		
20	256QAM	50	50	20.54	20.64	20.54	20.69	20.71		
20	256QAM	100	0	20.60	20.46	20.65	20.49	20.47		
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	25.10	25.13	25.19	25.19	25.04	26.00	0
15	QPSK	1	37	24.94	25.11	25.12	25.17	24.92		
15	QPSK	1	74	24.91	25.02	25.20	25.09	25.01		
15	QPSK	36	0	24.05	24.27	24.36	24.14	24.04	25	1
15	QPSK	36	20	23.91	24.09	24.18	24.14	24.04		
15	QPSK	36	39	23.91	24.21	24.21	24.05	24.15		
15	QPSK	75	0	24.05	24.20	24.18	24.11	24.15		
15	16QAM	1	0	24.08	24.33	24.32	24.19	24.18	25	1
15	16QAM	1	37	24.03	24.13	24.38	24.27	24.19		
15	16QAM	1	74	24.04	24.12	24.22	24.12	24.19		
15	16QAM	36	0	23.03	23.19	23.27	23.33	23.18	24	2
15	16QAM	36	20	23.02	23.16	23.13	23.10	23.02		
15	16QAM	36	39	23.15	23.30	23.31	23.29	23.10		
15	16QAM	75	0	22.93	23.10	23.27	23.25	22.82		
15	64QAM	1	0	23.13	23.30	23.23	23.38	23.08	24	2
15	64QAM	1	37	23.05	23.34	23.34	23.22	23.09		
15	64QAM	1	74	23.18	23.17	23.23	23.40	23.18		
15	64QAM	36	0	22.21	22.24	22.28	22.38	22.17	23	3
15	64QAM	36	20	22.11	22.26	22.24	22.32	22.06		
15	64QAM	36	39	22.19	22.26	22.21	22.27	22.18		
15	64QAM	75	0	22.04	22.16	22.45	22.36	22.14		
15	256QAM	1	0	20.55	20.66	20.65	20.59	20.70	21	5
15	256QAM	1	37	20.78	20.67	20.69	20.70	20.65		
15	256QAM	1	74	20.48	20.61	20.63	20.64	20.58		
15	256QAM	36	0	20.69	20.65	20.56	20.60	20.56	21	5
15	256QAM	36	20	20.40	20.36	20.48	20.44	20.45		
15	256QAM	36	39	20.53	20.68	20.65	20.60	20.72		
15	256QAM	75	0	20.58	20.50	20.67	20.52	20.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.04	25.12	25.18	25.28	24.99	26.00	0
10	QPSK	1	25	24.89	25.14	25.20	25.12	24.88		
10	QPSK	1	49	24.92	25.00	25.16	25.09	25.00		
10	QPSK	25	0	24.06	24.24	24.29	24.23	24.08	25	1
10	QPSK	25	12	23.98	24.09	24.26	24.14	24.04		
10	QPSK	25	25	23.96	24.20	24.21	24.09	24.11		
10	QPSK	50	0	24.01	24.18	24.22	24.12	24.15		
10	16QAM	1	0	24.16	24.27	24.31	24.27	24.09	25	1
10	16QAM	1	25	24.03	24.14	24.33	24.31	24.07		
10	16QAM	1	49	24.10	24.20	24.24	24.20	24.15		
10	16QAM	25	0	23.00	23.20	23.28	23.35	23.21	24	2
10	16QAM	25	12	23.05	23.13	23.21	23.12	23.10		
10	16QAM	25	25	23.07	23.24	23.27	23.30	23.08		
10	16QAM	50	0	22.92	23.15	23.28	23.21	22.82		
10	64QAM	1	0	23.07	23.30	23.30	23.41	23.15	24	2
10	64QAM	1	25	23.21	23.24	23.30	23.27	23.09		
10	64QAM	1	49	23.08	23.22	23.45	23.31	23.14		
10	64QAM	25	0	22.20	22.18	22.42	22.19	22.13	23	3
10	64QAM	25	12	22.04	22.22	22.22	22.38	22.23		
10	64QAM	25	25	22.06	22.33	22.33	22.24	22.14		
10	64QAM	50	0	22.06	22.24	22.43	22.42	22.21		
10	256QAM	1	0	20.65	20.70	20.57	20.61	20.73	21	5
10	256QAM	1	25	20.83	20.79	20.77	20.72	20.69		
10	256QAM	1	49	20.54	20.61	20.56	20.52	20.57		
10	256QAM	25	0	20.50	20.54	20.49	20.51	20.51	21	5
10	256QAM	25	12	20.56	20.35	20.39	20.35	20.45		
10	256QAM	25	25	20.66	20.71	20.63	20.57	20.59		
10	256QAM	50	0	20.51	20.49	20.53	20.65	20.63		
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	25.05	25.19	25.28	25.25	25.09	26.00	0
5	QPSK	1	12	24.91	25.12	25.15	25.08	24.92		
5	QPSK	1	24	24.90	25.05	25.11	25.09	24.99		
5	QPSK	12	0	24.00	24.25	24.29	24.19	24.10	25	1
5	QPSK	12	7	23.91	24.07	24.16	24.16	24.10		
5	QPSK	12	13	23.99	24.15	24.24	24.15	24.15		
5	QPSK	25	0	23.98	24.23	24.18	24.14	24.15		
5	16QAM	1	0	24.06	24.35	24.31	24.25	24.15	25	1
5	16QAM	1	12	24.04	24.20	24.32	24.37	24.17		
5	16QAM	1	24	24.05	24.14	24.27	24.15	24.18		
5	16QAM	12	0	23.06	23.24	23.30	23.30	23.20	24	2
5	16QAM	12	7	23.12	23.17	23.15	23.17	23.05		
5	16QAM	12	13	23.13	23.22	23.33	23.27	23.09		
5	16QAM	25	0	22.96	23.08	23.29	23.24	22.92		
5	64QAM	1	0	23.19	23.13	23.23	23.25	23.22	24	2
5	64QAM	1	12	23.10	23.16	23.29	23.36	23.16		
5	64QAM	1	24	23.16	23.24	23.22	23.42	23.07		
5	64QAM	12	0	22.22	22.21	22.23	22.33	22.10	23	3
5	64QAM	12	7	22.13	22.18	22.32	22.31	22.06		
5	64QAM	12	13	22.23	22.22	22.31	22.39	22.07		
5	64QAM	25	0	22.12	22.16	22.35	22.22	22.05		
5	256QAM	1	0	20.60	20.58	20.66	20.72	20.74	21	5
5	256QAM	1	12	20.81	20.78	20.64	20.72	20.66		
5	256QAM	1	24	20.62	20.54	20.48	20.55	20.56		
5	256QAM	12	0	20.49	20.64	20.56	20.50	20.58	21	5
5	256QAM	12	7	20.41	20.55	20.54	20.52	20.41		
5	256QAM	12	13	20.65	20.53	20.60	20.59	20.63		
5	256QAM	25	0	20.50	20.53	20.54	20.52	20.65		

Band 48 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	24.08	24.14	24.01	24.08	25	0
20	QPSK	1	49	24.05	24.08	23.81	24.00		
20	QPSK	1	99	23.99	24.00	23.94	24.07		
20	QPSK	50	0	23.13	23.29	23.00	23.05	24	1
20	QPSK	50	24	23.04	23.14	22.93	23.13		
20	QPSK	50	50	23.11	23.16	23.03	22.98		
20	QPSK	100	0	23.13	23.08	23.00	23.05		
20	16QAM	1	0	23.21	23.27	23.05	23.20	24	1
20	16QAM	1	49	23.11	23.23	23.00	23.28		
20	16QAM	1	99	23.03	23.21	23.05	23.09		
20	16QAM	50	0	22.15	22.20	22.04	22.22	23	2
20	16QAM	50	24	22.02	22.14	21.94	22.07		
20	16QAM	50	50	22.13	22.26	21.96	22.14		
20	16QAM	100	0	22.05	22.22	21.79	22.11		
20	64QAM	1	0	22.12	22.19	22.00	22.11	23	2
20	64QAM	1	49	22.09	22.26	22.04	22.15		
20	64QAM	1	99	22.14	22.11	21.97	22.04		
20	64QAM	50	0	21.15	21.21	21.10	20.98	22	3
20	64QAM	50	24	21.11	21.25	20.98	21.03		
20	64QAM	50	50	21.11	21.24	20.95	21.13		
20	64QAM	100	0	20.99	21.08	20.99	21.00		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	24.02	23.98	23.97	24.09	25	0
15	QPSK	1	37	24.00	24.05	23.76	23.95		
15	QPSK	1	74	23.86	23.88	23.83	23.97		
15	QPSK	36	0	23.10	23.17	22.94	22.92	24	1
15	QPSK	36	20	22.90	23.04	22.81	23.06		
15	QPSK	36	39	23.02	23.10	22.93	22.89		
15	QPSK	75	0	23.09	22.96	22.86	22.94		
15	16QAM	1	0	23.10	23.17	22.99	23.08	24	1
15	16QAM	1	37	22.97	23.14	22.92	23.24		
15	16QAM	1	74	22.96	23.17	22.95	22.95		
15	16QAM	36	0	22.10	22.11	21.96	22.12	23	2
15	16QAM	36	20	21.97	22.01	21.89	21.95		
15	16QAM	36	39	22.06	22.21	21.89	22.05		
15	16QAM	75	0	21.95	22.18	21.70	22.07		
15	64QAM	1	0	22.15	22.13	22.04	22.04	23	2
15	64QAM	1	37	22.11	22.04	21.90	22.11		
15	64QAM	1	74	22.09	22.08	22.01	22.02		
15	64QAM	36	0	21.14	21.02	20.90	21.12	22	3
15	64QAM	36	20	21.11	21.18	20.95	21.12		
15	64QAM	36	39	21.13	21.10	20.99	20.98		
15	64QAM	75	0	21.17	21.02	21.04	21.17		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	24.02	23.99	23.88	24.05	25	0
10	QPSK	1	25	24.01	24.00	23.76	23.90		
10	QPSK	1	49	23.95	23.97	23.83	23.99		
10	QPSK	25	0	22.99	23.14	22.88	22.98	24	1
10	QPSK	25	12	22.95	23.09	22.87	23.00		
10	QPSK	25	25	23.02	23.09	22.92	22.86		
10	QPSK	50	0	23.01	22.98	22.94	22.92		
10	16QAM	1	0	23.09	23.17	22.97	23.08	24	1
10	16QAM	1	25	23.02	23.15	22.91	23.18		
10	16QAM	1	49	22.97	23.10	23.01	22.99		
10	16QAM	25	0	22.08	22.13	21.97	22.08	23	2
10	16QAM	25	12	21.97	22.08	21.85	21.95		
10	16QAM	25	25	21.98	22.12	21.89	22.04		
10	16QAM	50	0	21.96	22.15	21.70	22.06		
10	64QAM	1	0	22.17	22.03	22.02	22.10	23	2
10	64QAM	1	25	22.19	22.08	22.13	22.03		
10	64QAM	1	49	22.07	22.08	21.89	22.13		
10	64QAM	25	0	21.14	21.24	21.05	21.11	22	3
10	64QAM	25	12	21.00	21.10	20.93	21.15		
10	64QAM	25	25	21.16	21.07	21.05	21.18		
10	64QAM	50	0	21.15	21.05	21.00	21.19		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.94	24.02	23.98	24.11	25	0
5	QPSK	1	12	23.92	23.98	23.71	23.93		
5	QPSK	1	24	23.93	23.90	23.80	23.95		
5	QPSK	12	0	23.06	23.21	22.95	22.95	24	1
5	QPSK	12	7	22.93	23.05	22.84	23.08		
5	QPSK	12	13	23.02	23.08	23.00	22.84		
5	QPSK	25	0	23.00	22.98	22.92	23.01		
5	16QAM	1	0	23.08	23.14	22.95	23.11	24	1
5	16QAM	1	12	23.07	23.16	22.88	23.14		
5	16QAM	1	24	22.88	23.14	23.01	22.95		
5	16QAM	12	0	22.04	22.16	21.89	22.14	23	2
5	16QAM	12	7	21.93	22.02	21.90	21.94		
5	16QAM	12	13	22.01	22.18	21.93	22.05		
5	16QAM	25	0	21.95	22.13	21.65	21.98		
5	64QAM	1	0	22.06	22.06	22.06	22.17	23	2
5	64QAM	1	12	21.98	22.14	22.06	22.00		
5	64QAM	1	24	22.06	22.04	21.92	22.19		
5	64QAM	12	0	21.13	21.22	21.07	21.05	22	3
5	64QAM	12	7	21.14	21.08	21.06	21.02		
5	64QAM	12	13	20.99	21.12	21.03	20.97		
5	64QAM	25	0	21.11	21.16	20.92	21.07		

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	23.37	23.54	23.52	24	0
20	QPSK	1	49	23.30	23.49	23.48		
20	QPSK	1	99	23.33	23.37	23.35		
20	QPSK	50	0	22.47	22.55	22.48	23	1
20	QPSK	50	24	22.44	22.59	22.35		
20	QPSK	50	50	22.47	22.45	22.41		
20	QPSK	100	0	22.48	22.56	22.42		
20	16QAM	1	0	22.51	22.62	22.59	23	1
20	16QAM	1	49	22.48	22.55	22.52		
20	16QAM	1	99	22.43	22.50	22.51		
20	16QAM	50	0	21.55	21.57	21.48	22	2
20	16QAM	50	24	21.42	21.49	21.50		
20	16QAM	50	50	21.44	21.59	21.50		
20	16QAM	100	0	21.36	21.52	21.44		
20	64QAM	1	0	21.28	21.65	21.61	22	2
20	64QAM	1	49	21.39	21.56	21.57		
20	64QAM	1	99	21.46	21.47	21.43		
20	64QAM	50	0	20.32	20.54	20.51	21	3
20	64QAM	50	24	20.38	20.42	20.43		
20	64QAM	50	50	20.31	20.43	20.48		
20	64QAM	100	0	20.31	20.46	20.51		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.29	23.46	23.47	24	0
15	QPSK	1	37	23.25	23.35	23.45		
15	QPSK	1	74	23.28	23.26	23.30		
15	QPSK	36	0	22.40	22.42	22.45	23	1
15	QPSK	36	20	22.41	22.49	22.21		
15	QPSK	36	39	22.39	22.35	22.37		
15	QPSK	75	0	22.44	22.42	22.32		
15	16QAM	1	0	22.44	22.51	22.47	23	1
15	16QAM	1	37	22.45	22.44	22.43		
15	16QAM	1	74	22.33	22.37	22.48		
15	16QAM	36	0	21.49	21.47	21.38	22	2
15	16QAM	36	20	21.34	21.41	21.36		
15	16QAM	36	39	21.31	21.50	21.38		
15	16QAM	75	0	21.27	21.45	21.34		
15	64QAM	1	0	21.40	21.66	21.60	22	2
15	64QAM	1	37	21.32	21.56	21.61		
15	64QAM	1	74	21.40	21.49	21.55		
15	64QAM	36	0	20.42	20.56	20.58	21	3
15	64QAM	36	20	20.38	20.62	20.61		
15	64QAM	36	39	20.44	20.57	20.62		
15	64QAM	75	0	20.42	20.66	20.54		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.28	23.51	23.41	24	0
10	QPSK	1	25	23.21	23.40	23.43		
10	QPSK	1	49	23.18	23.31	23.24		
10	QPSK	25	0	22.41	22.50	22.36	23	1
10	QPSK	25	12	22.31	22.52	22.31		
10	QPSK	25	25	22.35	22.36	22.27		
10	QPSK	50	0	22.37	22.49	22.35		
10	16QAM	1	0	22.44	22.53	22.45	23	1
10	16QAM	1	25	22.39	22.48	22.43		
10	16QAM	1	49	22.28	22.46	22.42		
10	16QAM	25	0	21.41	21.51	21.44	22	2
10	16QAM	25	12	21.27	21.44	21.46		
10	16QAM	25	25	21.35	21.56	21.44		
10	16QAM	50	0	21.28	21.38	21.31		
10	64QAM	1	0	21.40	21.63	21.54	22	2
10	64QAM	1	25	21.38	21.61	21.41		
10	64QAM	1	49	21.36	21.44	21.49		
10	64QAM	25	0	20.46	20.59	20.45	21	3
10	64QAM	25	12	20.37	20.64	20.60		
10	64QAM	25	25	20.35	20.55	20.42		
10	64QAM	50	0	20.42	20.54	20.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.29	23.46	23.47	24	0
5	QPSK	1	12	23.23	23.37	23.39		
5	QPSK	1	24	23.20	23.24	23.22		
5	QPSK	12	0	22.44	22.41	22.34	23	1
5	QPSK	12	7	22.40	22.44	22.25		
5	QPSK	12	13	22.43	22.36	22.31		
5	QPSK	25	0	22.43	22.50	22.36		
5	16QAM	1	0	22.40	22.49	22.48	23	1
5	16QAM	1	12	22.45	22.51	22.38		
5	16QAM	1	24	22.33	22.47	22.47		
5	16QAM	12	0	21.44	21.50	21.35	22	2
5	16QAM	12	7	21.32	21.42	21.40		
5	16QAM	12	13	21.34	21.47	21.45		
5	16QAM	25	0	21.31	21.41	21.38		
5	64QAM	1	0	21.28	21.43	21.53	22	2
5	64QAM	1	12	21.48	21.44	21.63		
5	64QAM	1	24	21.37	21.43	21.42		
5	64QAM	12	0	20.29	20.57	20.57	21	3
5	64QAM	12	7	20.44	20.61	20.41		
5	64QAM	12	13	20.35	20.46	20.40		
5	64QAM	25	0	20.29	20.57	20.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.28	23.48	23.40	24	0
3	QPSK	1	8	23.25	23.44	23.36		
3	QPSK	1	14	23.28	23.32	23.26		
3	QPSK	8	0	22.34	22.44	22.40	23	1
3	QPSK	8	4	22.31	22.45	22.22		
3	QPSK	8	7	22.42	22.39	22.28		
3	QPSK	15	0	22.34	22.47	22.28		
3	16QAM	1	0	22.38	22.48	22.50	23	1
3	16QAM	1	8	22.43	22.41	22.46		
3	16QAM	1	14	22.32	22.39	22.43		
3	16QAM	8	0	21.42	21.52	21.44	22	2
3	16QAM	8	4	21.34	21.35	21.45		
3	16QAM	8	7	21.31	21.45	21.37		
3	16QAM	15	0	21.25	21.46	21.36		
3	64QAM	1	0	21.35	21.65	21.64	22	2
3	64QAM	1	8	21.40	21.63	21.63		
3	64QAM	1	14	21.30	21.56	21.61		
3	64QAM	8	0	20.32	20.45	20.51	21	3
3	64QAM	8	4	20.41	20.64	20.57		
3	64QAM	8	7	20.41	20.43	20.48		
3	64QAM	15	0	20.40	20.58	20.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.33	23.45	23.41	24	0
1.4	QPSK	1	3	23.19	23.35	23.43		
1.4	QPSK	1	5	23.25	23.29	23.29		
1.4	QPSK	3	0	23.24	23.42	23.38		
1.4	QPSK	3	1	23.24	23.45	23.42		
1.4	QPSK	3	3	23.28	23.24	23.28		
1.4	QPSK	6	0	22.37	22.45	22.42	23	1
1.4	16QAM	1	0	22.34	22.48	22.24	23	1
1.4	16QAM	1	3	22.29	22.31	22.30		
1.4	16QAM	1	5	22.44	22.52	22.33		
1.4	16QAM	3	0	22.43	22.50	22.52		
1.4	16QAM	3	1	22.44	22.42	22.43		
1.4	16QAM	3	3	22.33	22.38	22.38		
1.4	16QAM	6	0	21.50	21.43	21.38	22	2
1.4	64QAM	1	0	21.32	21.65	21.51	22	2
1.4	64QAM	1	3	21.27	21.55	21.40		
1.4	64QAM	1	5	21.35	21.53	21.41		
1.4	64QAM	3	0	21.45	21.47	21.42		
1.4	64QAM	3	1	21.29	21.59	21.41		
1.4	64QAM	3	3	21.27	21.50	21.48		
1.4	64QAM	6	0	20.26	20.55	20.49	21	3

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.43	23.62	23.57	24	0
20	QPSK	1	49	23.40	23.44	23.45		
20	QPSK	1	99	23.36	23.41	23.34		
20	QPSK	50	0	22.50	22.64	22.51	23	1
20	QPSK	50	24	22.42	22.53	22.46		
20	QPSK	50	50	22.40	22.45	22.38		
20	QPSK	100	0	22.40	22.50	22.43		
20	16QAM	1	0	22.53	22.68	22.62	23	1
20	16QAM	1	49	22.55	22.63	22.56		
20	16QAM	1	99	22.46	22.55	22.47		
20	16QAM	50	0	21.50	21.60	21.54	22	2
20	16QAM	50	24	21.39	21.49	21.47		
20	16QAM	50	50	21.43	21.54	21.50		
20	16QAM	100	0	21.45	21.50	21.43		
20	64QAM	1	0	21.50	21.54	21.52	22	2
20	64QAM	1	49	21.32	21.72	21.53		
20	64QAM	1	99	21.31	21.59	21.65		
20	64QAM	50	0	20.54	20.70	20.53	21	3
20	64QAM	50	24	20.44	20.56	20.54		
20	64QAM	50	50	20.34	20.69	20.66		
20	64QAM	100	0	20.51	20.62	20.46		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.34	23.52	23.53	24	0
15	QPSK	1	37	23.37	23.40	23.41		
15	QPSK	1	74	23.26	23.31	23.23		
15	QPSK	36	0	22.39	22.52	22.38	23	1
15	QPSK	36	20	22.27	22.47	22.36		
15	QPSK	36	39	22.34	22.32	22.28		
15	QPSK	75	0	22.27	22.35	22.35		
15	16QAM	1	0	22.48	22.57	22.53	23	1
15	16QAM	1	37	22.47	22.59	22.47		
15	16QAM	1	74	22.42	22.45	22.44		
15	16QAM	36	0	21.42	21.49	21.43	22	2
15	16QAM	36	20	21.35	21.35	21.37		
15	16QAM	36	39	21.32	21.43	21.42		
15	16QAM	75	0	21.40	21.38	21.35		
15	64QAM	1	0	21.49	21.55	21.50	22	2
15	64QAM	1	37	21.54	21.68	21.67		
15	64QAM	1	74	21.54	21.67	21.51		
15	64QAM	36	0	20.53	20.62	20.57	21	3
15	64QAM	36	20	20.44	20.56	20.65		
15	64QAM	36	39	20.42	20.62	20.68		
15	64QAM	75	0	20.36	20.55	20.57		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.36	23.57	23.46	24	0
10	QPSK	1	25	23.31	23.35	23.37		
10	QPSK	1	49	23.26	23.31	23.23		
10	QPSK	25	0	22.37	22.53	22.42	23	1
10	QPSK	25	12	22.30	22.48	22.37		
10	QPSK	25	25	22.34	22.40	22.33		
10	QPSK	50	0	22.33	22.46	22.36		
10	16QAM	1	0	22.43	22.60	22.58	23	1
10	16QAM	1	25	22.45	22.59	22.46		
10	16QAM	1	49	22.38	22.43	22.35		
10	16QAM	25	0	21.40	21.53	21.42	22	2
10	16QAM	25	12	21.28	21.34	21.34		
10	16QAM	25	25	21.39	21.42	21.42		
10	16QAM	50	0	21.38	21.40	21.39		
10	64QAM	1	0	21.33	21.59	21.45	22	2
10	64QAM	1	25	21.38	21.63	21.60		
10	64QAM	1	49	21.52	21.60	21.57		
10	64QAM	25	0	20.46	20.65	20.64	21	3
10	64QAM	25	12	20.49	20.61	20.57		
10	64QAM	25	25	20.54	20.71	20.46		
10	64QAM	50	0	20.53	20.53	20.61		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.30	23.54	23.45	24	0
5	QPSK	1	12	23.37	23.39	23.39		
5	QPSK	1	24	23.27	23.35	23.26		
5	QPSK	12	0	22.39	22.58	22.43	23	1
5	QPSK	12	7	22.30	22.38	22.39		
5	QPSK	12	13	22.29	22.34	22.32		
5	QPSK	25	0	22.26	22.40	22.34		
5	16QAM	1	0	22.44	22.54	22.47	23	1
5	16QAM	1	12	22.52	22.55	22.50		
5	16QAM	1	24	22.37	22.50	22.42		
5	16QAM	12	0	21.43	21.47	21.48	22	2
5	16QAM	12	7	21.30	21.37	21.44		
5	16QAM	12	13	21.35	21.50	21.43		
5	16QAM	25	0	21.40	21.46	21.38		
5	64QAM	1	0	21.35	21.61	21.68	22	2
5	64QAM	1	12	21.42	21.57	21.54		
5	64QAM	1	24	21.33	21.68	21.60		
5	64QAM	12	0	20.31	20.64	20.65	21	3
5	64QAM	12	7	20.32	20.70	20.50		
5	64QAM	12	13	20.40	20.57	20.50		
5	64QAM	25	0	20.44	20.62	20.52		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.30	23.53	23.48	24	0
3	QPSK	1	8	23.37	23.30	23.40		
3	QPSK	1	14	23.22	23.27	23.20		
3	QPSK	8	0	22.46	22.51	22.41	23	1
3	QPSK	8	4	22.36	22.41	22.35		
3	QPSK	8	7	22.32	22.32	22.27		
3	QPSK	15	0	22.28	22.47	22.32		
3	16QAM	1	0	22.48	22.53	22.48	23	1
3	16QAM	1	8	22.40	22.49	22.49		
3	16QAM	1	14	22.36	22.48	22.39		
3	16QAM	8	0	21.39	21.47	21.45	22	2
3	16QAM	8	4	21.25	21.42	21.37		
3	16QAM	8	7	21.30	21.50	21.44		
3	16QAM	15	0	21.40	21.43	21.28		
3	64QAM	1	0	21.37	21.54	21.46	22	2
3	64QAM	1	8	21.50	21.55	21.54		
3	64QAM	1	14	21.35	21.73	21.51		
3	64QAM	8	0	20.53	20.56	20.50	21	3
3	64QAM	8	4	20.33	20.58	20.56		
3	64QAM	8	7	20.50	20.56	20.47		
3	64QAM	15	0	20.45	20.65	20.60		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.31	23.54	23.42	24	0
1.4	QPSK	1	3	23.28	23.39	23.41		
1.4	QPSK	1	5	23.27	23.31	23.27		
1.4	QPSK	3	0	23.37	23.52	23.45		
1.4	QPSK	3	1	23.27	23.41	23.32		
1.4	QPSK	3	3	23.29	23.29	23.25		
1.4	QPSK	6	0	22.45	22.59	22.39	23	1
1.4	16QAM	1	0	22.36	22.43	22.41	23	1
1.4	16QAM	1	3	22.36	22.36	22.23		
1.4	16QAM	1	5	22.32	22.45	22.31		
1.4	16QAM	3	0	22.40	22.54	22.47		
1.4	16QAM	3	1	22.45	22.52	22.44		
1.4	16QAM	3	3	22.35	22.41	22.33		
1.4	16QAM	6	0	21.45	21.52	21.45	22	2
1.4	64QAM	1	0	21.38	21.52	21.58	22	2
1.4	64QAM	1	3	21.40	21.52	21.54		
1.4	64QAM	1	5	21.42	21.61	21.48		
1.4	64QAM	3	0	21.48	21.68	21.61		
1.4	64QAM	3	1	21.44	21.59	21.48		
1.4	64QAM	3	3	21.32	21.66	21.56		
1.4	64QAM	6	0	20.36	20.61	20.49	21	3

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.51	23.70	23.67	24	0
20	QPSK	1	49	23.56	23.49	23.61		
20	QPSK	1	99	23.41	23.50	23.48		
20	QPSK	50	0	22.66	22.70	22.59	23	1
20	QPSK	50	24	22.51	22.61	22.61		
20	QPSK	50	50	22.50	22.61	22.43		
20	QPSK	100	0	22.53	22.59	22.56		
20	16QAM	1	0	22.68	22.76	22.70	23	1
20	16QAM	1	49	22.69	22.79	22.65		
20	16QAM	1	99	22.57	22.70	22.56		
20	16QAM	50	0	21.60	21.74	21.64	22	2
20	16QAM	50	24	21.50	21.59	21.55		
20	16QAM	50	50	21.60	21.68	21.61		
20	16QAM	100	0	21.50	21.57	21.49		
20	64QAM	1	0	21.43	21.60	21.68	22	2
20	64QAM	1	49	21.57	21.61	21.65		
20	64QAM	1	99	21.43	21.65	21.55		
20	64QAM	50	0	20.45	20.79	20.58	21	3
20	64QAM	50	24	20.63	20.76	20.59		
20	64QAM	50	50	20.41	20.76	20.57		
20	64QAM	100	0	20.47	20.79	20.64		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.42	23.55	23.61	24	0
15	QPSK	1	37	23.52	23.40	23.54		
15	QPSK	1	74	23.27	23.38	23.39		
15	QPSK	36	0	22.51	22.57	22.44	23	1
15	QPSK	36	20	22.47	22.49	22.51		
15	QPSK	36	39	22.35	22.57	22.30		
15	QPSK	75	0	22.39	22.52	22.51		
15	16QAM	1	0	22.59	22.69	22.65	23	1
15	16QAM	1	37	22.61	22.72	22.57		
15	16QAM	1	74	22.46	22.65	22.52		
15	16QAM	36	0	21.54	21.70	21.53	22	2
15	16QAM	36	20	21.45	21.46	21.49		
15	16QAM	36	39	21.51	21.64	21.50		
15	16QAM	75	0	21.42	21.48	21.45		
15	64QAM	1	0	21.46	21.80	21.75	22	2
15	64QAM	1	37	21.55	21.61	21.70		
15	64QAM	1	74	21.44	21.60	21.67		
15	64QAM	36	0	20.59	20.63	20.78	21	3
15	64QAM	36	20	20.42	20.66	20.58		
15	64QAM	36	39	20.59	20.73	20.59		
15	64QAM	75	0	20.53	20.68	20.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.37	23.59	23.57	24	0
10	QPSK	1	25	23.43	23.45	23.51		
10	QPSK	1	49	23.31	23.38	23.44		
10	QPSK	25	0	22.60	22.60	22.50	23	1
10	QPSK	25	12	22.38	22.56	22.50		
10	QPSK	25	25	22.36	22.57	22.33		
10	QPSK	50	0	22.46	22.48	22.46		
10	16QAM	1	0	22.62	22.70	22.63	23	1
10	16QAM	1	25	22.56	22.71	22.55		
10	16QAM	1	49	22.43	22.57	22.47		
10	16QAM	25	0	21.55	21.62	21.52	22	2
10	16QAM	25	12	21.40	21.51	21.41		
10	16QAM	25	25	21.53	21.54	21.56		
10	16QAM	50	0	21.42	21.46	21.35		
10	64QAM	1	0	21.61	21.63	21.61	22	2
10	64QAM	1	25	21.52	21.62	21.61		
10	64QAM	1	49	21.58	21.75	21.74		
10	64QAM	25	0	20.51	20.71	20.66	21	3
10	64QAM	25	12	20.45	20.79	20.65		
10	64QAM	25	25	20.43	20.77	20.66		
10	64QAM	50	0	20.62	20.71	20.69		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.42	23.66	23.54	24	0
5	QPSK	1	12	23.48	23.43	23.54		
5	QPSK	1	24	23.34	23.41	23.35		
5	QPSK	12	0	22.54	22.62	22.46	23	1
5	QPSK	12	7	22.37	22.47	22.57		
5	QPSK	12	13	22.45	22.57	22.33		
5	QPSK	25	0	22.38	22.49	22.50		
5	16QAM	1	0	22.57	22.66	22.59	23	1
5	16QAM	1	12	22.60	22.69	22.56		
5	16QAM	1	24	22.46	22.64	22.44		
5	16QAM	12	0	21.52	21.69	21.61	22	2
5	16QAM	12	7	21.38	21.51	21.43		
5	16QAM	12	13	21.52	21.55	21.51		
5	16QAM	25	0	21.44	21.45	21.45		
5	64QAM	1	0	21.59	21.72	21.57	22	2
5	64QAM	1	12	21.51	21.63	21.78		
5	64QAM	1	24	21.41	21.66	21.77		
5	64QAM	12	0	20.50	20.65	20.56	21	3
5	64QAM	12	7	20.48	20.67	20.56		
5	64QAM	12	13	20.58	20.76	20.72		
5	64QAM	25	0	20.46	20.79	20.58		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.48	23.66	23.55	24	0
3	QPSK	1	8	23.48	23.41	23.50		
3	QPSK	1	14	23.29	23.43	23.37		
3	QPSK	8	0	22.56	22.56	22.45	23	1
3	QPSK	8	4	22.47	22.58	22.55		
3	QPSK	8	7	22.44	22.52	22.28		
3	QPSK	15	0	22.42	22.55	22.43		
3	16QAM	1	0	22.61	22.62	22.62	23	1
3	16QAM	1	8	22.65	22.69	22.57		
3	16QAM	1	14	22.53	22.59	22.41		
3	16QAM	8	0	21.56	21.62	21.55	22	2
3	16QAM	8	4	21.44	21.49	21.41		
3	16QAM	8	7	21.50	21.61	21.52		
3	16QAM	15	0	21.38	21.49	21.41		
3	64QAM	1	0	21.52	21.66	21.56	22	2
3	64QAM	1	8	21.39	21.78	21.60		
3	64QAM	1	14	21.58	21.80	21.60		
3	64QAM	8	0	20.48	20.63	20.72	21	3
3	64QAM	8	4	20.50	20.71	20.72		
3	64QAM	8	7	20.48	20.68	20.57		
3	64QAM	15	0	20.57	20.61	20.65		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.41	23.58	23.55	24	0
1.4	QPSK	1	3	23.44	23.38	23.56		
1.4	QPSK	1	5	23.29	23.41	23.42		
1.4	QPSK	3	0	23.42	23.56	23.54		
1.4	QPSK	3	1	23.43	23.46	23.54		
1.4	QPSK	3	3	23.37	23.36	23.37		
1.4	QPSK	6	0	22.55	22.63	22.45	23	1
1.4	16QAM	1	0	22.40	22.56	22.48	23	1
1.4	16QAM	1	3	22.41	22.58	22.38		
1.4	16QAM	1	5	22.48	22.54	22.44		
1.4	16QAM	3	0	22.55	22.62	22.57		
1.4	16QAM	3	1	22.61	22.75	22.60		
1.4	16QAM	3	3	22.50	22.58	22.49		
1.4	16QAM	6	0	21.55	21.65	21.53	22	2
1.4	64QAM	1	0	21.51	21.59	21.72	22	2
1.4	64QAM	1	3	21.62	21.72	21.75		
1.4	64QAM	1	5	21.59	21.63	21.69		
1.4	64QAM	3	0	21.49	21.60	21.75		
1.4	64QAM	3	1	21.49	21.79	21.70		
1.4	64QAM	3	3	21.43	21.63	21.60		
1.4	64QAM	6	0	20.60	20.68	20.67	21	3

Band 30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		24.11		25	0
10	QPSK	1	25		23.98			
10	QPSK	1	49		23.91			
10	QPSK	25	0		23.13		24	1
10	QPSK	25	12		23.01			
10	QPSK	25	25		22.95			
10	QPSK	50	0		23.01			
10	16QAM	1	0		23.15		24	1
10	16QAM	1	25		23.12			
10	16QAM	1	49		23.01			
10	16QAM	25	0		22.12		23	2
10	16QAM	25	12		22.00			
10	16QAM	25	25		22.08			
10	16QAM	50	0		21.96			
10	64QAM	1	0		22.07		23	2
10	64QAM	1	25		22.20			
10	64QAM	1	49		22.09			
10	64QAM	25	0		21.22		22	3
10	64QAM	25	12		21.23			
10	64QAM	25	25		21.06			
10	64QAM	50	0		21.21			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	24.04	24.06	24.00	25	0
5	QPSK	1	12	23.90	23.83	23.94		
5	QPSK	1	24	23.88	23.79	23.77		
5	QPSK	12	0	23.06	23.00	22.99	24	1
5	QPSK	12	7	22.89	22.90	22.91		
5	QPSK	12	13	22.90	22.81	22.87		
5	QPSK	25	0	22.93	22.97	22.88		
5	16QAM	1	0	23.04	23.07	23.10	24	1
5	16QAM	1	12	23.01	23.07	23.03		
5	16QAM	1	24	22.91	22.91	22.90		
5	16QAM	12	0	22.00	22.07	22.01	23	2
5	16QAM	12	7	21.88	21.93	21.89		
5	16QAM	12	13	22.01	21.98	21.96		
5	16QAM	25	0	21.82	21.85	21.82		
5	64QAM	1	0	21.92	22.12	22.06	23	2
5	64QAM	1	12	22.04	22.16	22.07		
5	64QAM	1	24	22.05	22.10	22.06		
5	64QAM	12	0	20.98	21.08	20.96	22	3
5	64QAM	12	7	21.07	21.10	20.97		
5	64QAM	12	13	21.03	21.16	20.96		
5	64QAM	25	0	21.16	21.02	20.96		

Reduced Power Mode for Receive on

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.14	23.29	23.21	24	0
20	QPSK	1	49	23.08	23.21	23.16		
20	QPSK	1	99	23.05	23.16	23.11		
20	QPSK	50	0	22.26	22.33	22.20	23	1
20	QPSK	50	24	22.15	22.27	22.13		
20	QPSK	50	50	22.18	22.22	22.15		
20	QPSK	100	0	22.17	22.26	22.20		
20	16QAM	1	0	22.30	22.37	22.31	23	1
20	16QAM	1	49	22.23	22.31	22.27		
20	16QAM	1	99	22.21	22.27	22.22		
20	16QAM	50	0	21.28	21.32	21.24	22	2
20	16QAM	50	24	21.17	21.24	21.20		
20	16QAM	50	50	21.19	21.28	21.23		
20	16QAM	100	0	21.12	21.25	21.20		
20	64QAM	1	0	21.13	21.36	21.20	22	2
20	64QAM	1	49	21.08	21.23	21.16		
20	64QAM	1	99	21.06	21.15	21.08		
20	64QAM	50	0	20.07	20.20	20.16	21	3
20	64QAM	50	24	20.15	20.19	20.16		
20	64QAM	50	50	20.12	20.09	20.18		
20	64QAM	100	0	20.07	20.29	20.29		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.04	23.22	23.12	24	0
15	QPSK	1	37	22.96	23.09	23.07		
15	QPSK	1	74	23.00	23.11	23.01		
15	QPSK	36	0	22.12	22.24	22.12	23	1
15	QPSK	36	20	22.03	22.19	22.09		
15	QPSK	36	39	22.06	22.17	22.02		
15	QPSK	75	0	22.13	22.13	22.08		
15	16QAM	1	0	22.20	22.29	22.27	23	1
15	16QAM	1	37	22.09	22.18	22.16		
15	16QAM	1	74	22.17	22.23	22.16		
15	16QAM	36	0	21.23	21.19	21.09	22	2
15	16QAM	36	20	21.05	21.19	21.11		
15	16QAM	36	39	21.04	21.25	21.19		
15	16QAM	75	0	21.08	21.12	21.10		
15	64QAM	1	0	21.16	21.30	21.24	22	2
15	64QAM	1	37	21.16	21.28	21.13		
15	64QAM	1	74	21.09	21.24	21.09		
15	64QAM	36	0	20.23	20.31	20.21	21	3
15	64QAM	36	20	20.11	20.37	20.25		
15	64QAM	36	39	20.15	20.28	20.12		
15	64QAM	75	0	20.11	20.25	20.30		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.04	23.21	23.13	24	0
10	QPSK	1	25	23.03	23.16	23.13		
10	QPSK	1	49	22.92	23.07	23.04		
10	QPSK	25	0	22.22	22.28	22.06	23	1
10	QPSK	25	12	22.12	22.23	22.05		
10	QPSK	25	25	22.14	22.16	22.08		
10	QPSK	50	0	22.10	22.15	22.17		
10	16QAM	1	0	22.17	22.24	22.24	23	1
10	16QAM	1	25	22.19	22.23	22.22		
10	16QAM	1	49	22.15	22.21	22.07		
10	16QAM	25	0	21.22	21.24	21.18	22	2
10	16QAM	25	12	21.12	21.15	21.10		
10	16QAM	25	25	21.05	21.19	21.12		
10	16QAM	50	0	21.02	21.16	21.12		
10	64QAM	1	0	21.09	21.28	21.20	22	2
10	64QAM	1	25	21.00	21.27	21.19		
10	64QAM	1	49	21.03	21.09	21.09		
10	64QAM	25	0	20.22	20.23	20.14	21	3
10	64QAM	25	12	20.06	20.33	20.28		
10	64QAM	25	25	20.20	20.25	20.17		
10	64QAM	50	0	20.23	20.31	20.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.04	23.19	23.07	24	0
5	QPSK	1	12	23.00	23.13	23.11		
5	QPSK	1	24	22.97	23.12	23.03		
5	QPSK	12	0	22.13	22.26	22.07	23	1
5	QPSK	12	7	22.01	22.21	22.06		
5	QPSK	12	13	22.12	22.08	22.11		
5	QPSK	25	0	22.10	22.12	22.16		
5	16QAM	1	0	22.26	22.26	22.17	23	1
5	16QAM	1	12	22.10	22.18	22.16		
5	16QAM	1	24	22.08	22.20	22.11		
5	16QAM	12	0	21.14	21.26	21.21	22	2
5	16QAM	12	7	21.08	21.09	21.16		
5	16QAM	12	13	21.10	21.23	21.15		
5	16QAM	25	0	21.06	21.12	21.06		
5	64QAM	1	0	21.22	21.27	21.23	22	2
5	64QAM	1	12	21.09	21.29	21.18		
5	64QAM	1	24	21.01	21.10	21.08		
5	64QAM	12	0	20.20	20.23	20.17	21	3
5	64QAM	12	7	20.20	20.34	20.20		
5	64QAM	12	13	20.15	20.21	20.14		
5	64QAM	25	0	20.06	20.34	20.17		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.10	23.21	23.08	24	0
3	QPSK	1	8	23.01	23.09	23.03		
3	QPSK	1	14	22.96	23.04	23.02		
3	QPSK	8	0	22.22	22.24	22.07	23	1
3	QPSK	8	4	22.12	22.13	22.08		
3	QPSK	8	7	22.09	22.12	22.11		
3	QPSK	15	0	22.03	22.21	22.09		
3	16QAM	1	0	22.17	22.33	22.22	23	1
3	16QAM	1	8	22.14	22.16	22.24		
3	16QAM	1	14	22.07	22.19	22.09		
3	16QAM	8	0	21.23	21.25	21.11	22	2
3	16QAM	8	4	21.11	21.13	21.15		
3	16QAM	8	7	21.09	21.16	21.13		
3	16QAM	15	0	21.08	21.19	21.06		
3	64QAM	1	0	21.22	21.23	21.19	22	2
3	64QAM	1	8	21.07	21.26	21.07		
3	64QAM	1	14	21.12	21.07	21.19		
3	64QAM	8	0	20.12	20.38	20.27	21	3
3	64QAM	8	4	20.22	20.34	20.13		
3	64QAM	8	7	20.21	20.28	20.18		
3	64QAM	15	0	20.20	20.37	20.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.20	23.09	24	0
1.4	QPSK	1	3	22.97	23.06	23.04		
1.4	QPSK	1	5	23.01	23.09	23.03		
1.4	QPSK	3	0	23.04	23.16	23.14		
1.4	QPSK	3	1	23.02	23.08	23.06		
1.4	QPSK	3	3	22.95	23.07	22.96		
1.4	QPSK	6	0	22.20	22.19	22.10	23	1
1.4	16QAM	1	0	22.00	22.22	22.03	23	1
1.4	16QAM	1	3	22.11	22.16	22.07		
1.4	16QAM	1	5	22.04	22.19	22.14		
1.4	16QAM	3	0	22.22	22.30	22.27		
1.4	16QAM	3	1	22.11	22.22	22.18		
1.4	16QAM	3	3	22.09	22.18	22.10		
1.4	16QAM	6	0	21.19	21.20	21.11	22	2
1.4	64QAM	1	0	21.22	21.30	21.21	22	2
1.4	64QAM	1	3	21.08	21.28	21.10		
1.4	64QAM	1	5	21.04	21.08	21.05		
1.4	64QAM	3	0	21.15	21.32	21.21		
1.4	64QAM	3	1	21.06	21.16	21.09		
1.4	64QAM	3	3	21.00	21.15	21.14		
1.4	64QAM	6	0	20.16	20.24	20.28	21	3

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.91	19.17	18.90	19.5	0
20	QPSK	1	49	18.97	19.06	19.00		
20	QPSK	1	99	18.78	19.04	18.88		
20	QPSK	50	0	19.01	19.10	19.05	19.5	0
20	QPSK	50	24	18.84	19.01	19.05		
20	QPSK	50	50	18.75	19.04	18.99		
20	QPSK	100	0	19.00	19.00	19.09		
20	16QAM	1	0	18.87	19.04	19.09	19.5	0
20	16QAM	1	49	18.76	18.97	18.87		
20	16QAM	1	99	18.95	19.06	19.05		
20	16QAM	50	0	18.99	19.06	18.90	19.5	0
20	16QAM	50	24	19.00	19.02	18.96		
20	16QAM	50	50	18.86	18.93	18.95		
20	16QAM	100	0	18.91	19.05	18.87		
20	64QAM	1	0	18.81	19.14	18.73	19.5	0
20	64QAM	1	49	18.79	19.05	18.81		
20	64QAM	1	99	18.89	19.13	18.74		
20	64QAM	50	0	18.90	19.14	18.87	19.5	0
20	64QAM	50	24	18.84	19.14	18.75		
20	64QAM	50	50	18.88	19.05	18.87		
20	64QAM	100	0	18.80	19.07	18.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.87	19.07	19.00	19.5	0
15	QPSK	1	37	18.95	19.08	19.08		
15	QPSK	1	74	18.77	19.08	18.94		
15	QPSK	36	0	19.01	19.14	19.00	19.5	0
15	QPSK	36	20	18.89	18.96	19.01		
15	QPSK	36	39	18.80	19.04	18.96		
15	QPSK	75	0	19.06	19.02	19.09		
15	16QAM	1	0	18.88	18.98	18.98	19.5	0
15	16QAM	1	37	18.87	19.06	18.83		
15	16QAM	1	74	18.96	19.10	19.11		
15	16QAM	36	0	18.99	19.03	18.96	19.5	0
15	16QAM	36	20	18.96	19.03	19.02		
15	16QAM	36	39	18.84	19.03	18.99		
15	16QAM	75	0	18.83	19.01	18.95		
15	64QAM	1	0	18.74	19.09	18.80	19.5	0
15	64QAM	1	37	18.79	19.16	18.79		
15	64QAM	1	74	18.73	19.07	18.79		
15	64QAM	36	0	18.73	19.07	18.89	19.5	0
15	64QAM	36	20	18.78	19.11	18.78		
15	64QAM	36	39	18.77	19.14	18.88		
15	64QAM	75	0	18.88	19.10	18.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.96	19.11	18.92	19.5	0
10	QPSK	1	25	18.96	19.10	19.00		
10	QPSK	1	49	18.82	19.07	18.88		
10	QPSK	25	0	18.94	19.12	19.03	19.5	0
10	QPSK	25	12	18.87	18.96	18.99		
10	QPSK	25	25	18.82	19.00	18.89		
10	QPSK	50	0	18.95	19.03	19.03		
10	16QAM	1	0	18.94	18.93	19.00	19.5	0
10	16QAM	1	25	18.82	19.00	18.87		
10	16QAM	1	49	18.98	19.06	19.06		
10	16QAM	25	0	18.98	18.97	18.91	19.5	0
10	16QAM	25	12	18.97	19.06	19.01		
10	16QAM	25	25	18.84	19.00	18.97		
10	16QAM	50	0	18.82	18.99	18.85		
10	64QAM	1	0	18.83	19.05	18.72	19.5	0
10	64QAM	1	25	18.72	19.04	18.87		
10	64QAM	1	49	18.82	19.14	18.88		
10	64QAM	25	0	18.75	19.06	18.88	19.5	0
10	64QAM	25	12	18.78	19.15	18.81		
10	64QAM	25	25	18.86	19.16	18.74		
10	64QAM	50	0	18.84	19.00	18.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.86	19.15	19.00	19.5	0
5	QPSK	1	12	18.88	19.04	19.10		
5	QPSK	1	24	18.85	18.98	18.90		
5	QPSK	12	0	19.03	19.05	18.94	19.5	0
5	QPSK	12	7	18.94	19.04	18.97		
5	QPSK	12	13	18.81	18.98	18.90		
5	QPSK	25	0	19.06	19.02	19.06		
5	16QAM	1	0	18.86	19.04	19.02	19.5	0
5	16QAM	1	12	18.80	19.02	18.93		
5	16QAM	1	24	18.93	19.07	19.08		
5	16QAM	12	0	18.91	19.07	18.90	19.5	0
5	16QAM	12	7	18.94	19.06	18.99		
5	16QAM	12	13	18.88	18.95	18.98		
5	16QAM	25	0	18.88	19.02	18.90		
5	64QAM	1	0	18.89	19.13	18.72	19.5	0
5	64QAM	1	12	18.75	19.03	18.84		
5	64QAM	1	24	18.75	19.15	18.88		
5	64QAM	12	0	18.81	19.02	18.82	19.5	0
5	64QAM	12	7	18.75	19.04	18.86		
5	64QAM	12	13	18.81	19.14	18.79		
5	64QAM	25	0	18.86	19.07	18.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.93	19.09	18.97	19.5	0
3	QPSK	1	8	18.94	19.12	19.09		
3	QPSK	1	14	18.84	19.00	18.93		
3	QPSK	8	0	19.02	19.15	19.03	19.5	0
3	QPSK	8	4	18.90	18.99	18.99		
3	QPSK	8	7	18.74	19.04	18.99		
3	QPSK	15	0	19.01	19.09	19.05		
3	16QAM	1	0	18.92	19.04	18.99	19.5	0
3	16QAM	1	8	18.81	19.07	18.91		
3	16QAM	1	14	18.95	19.09	19.04		
3	16QAM	8	0	18.97	19.06	18.93	19.5	0
3	16QAM	8	4	18.91	19.01	19.02		
3	16QAM	8	7	18.83	18.96	18.95		
3	16QAM	15	0	18.86	19.00	18.88		
3	64QAM	1	0	18.74	19.08	18.78	19.5	0
3	64QAM	1	8	18.86	19.07	18.82		
3	64QAM	1	14	18.87	19.16	18.75		
3	64QAM	8	0	18.86	19.10	18.75	19.5	0
3	64QAM	8	4	18.73	19.11	18.72		
3	64QAM	8	7	18.88	19.02	18.87		
3	64QAM	15	0	18.81	19.08	18.74		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.96	19.13	18.99	19.5	0
1.4	QPSK	1	3	18.90	19.09	19.06		
1.4	QPSK	1	5	18.88	19.05	18.92		
1.4	QPSK	3	0	19.01	19.07	18.99		
1.4	QPSK	3	1	18.82	19.04	19.04		
1.4	QPSK	3	3	18.85	18.98	18.90		
1.4	QPSK	6	0	19.01	19.00	19.05	19.5	0
1.4	16QAM	1	0	18.85	18.98	19.00	19.5	0
1.4	16QAM	1	3	18.79	18.97	18.91		
1.4	16QAM	1	5	18.96	19.04	19.04		
1.4	16QAM	3	0	18.99	19.06	18.92		
1.4	16QAM	3	1	19.02	19.09	19.03		
1.4	16QAM	3	3	18.88	18.97	18.91		
1.4	16QAM	6	0	18.87	18.97	18.95	19.5	0
1.4	64QAM	1	0	18.86	19.03	18.76	19.5	0
1.4	64QAM	1	3	18.87	19.11	18.85		
1.4	64QAM	1	5	18.82	19.03	18.89		
1.4	64QAM	3	0	18.84	19.06	18.79		
1.4	64QAM	3	1	18.87	19.12	18.83		
1.4	64QAM	3	3	18.73	19.00	18.75		
1.4	64QAM	6	0	18.90	19.09	18.77	19.5	0

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	23.76	23.98	23.90	25	0
10	QPSK	1	25	23.74	23.85	23.78		
10	QPSK	1	49	23.69	23.77	23.75		
10	QPSK	25	0	22.98	22.96	22.98	24	1
10	QPSK	25	12	22.81	22.96	22.76		
10	QPSK	25	25	22.90	22.84	22.80		
10	QPSK	50	0	22.75	22.95	22.94		
10	16QAM	1	0	23.02	23.09	22.98	24	1
10	16QAM	1	25	23.00	22.97	22.93		
10	16QAM	1	49	22.89	22.89	22.93		
10	16QAM	25	0	21.91	22.06	21.92	23	2
10	16QAM	25	12	21.86	21.86	21.85		
10	16QAM	25	25	21.81	21.95	21.88		
10	16QAM	50	0	21.73	21.93	21.82		
10	64QAM	1	0	21.68	21.93	21.82	23	2
10	64QAM	1	25	21.85	21.98	21.97		
10	64QAM	1	49	21.84	21.89	21.99		
10	64QAM	25	0	20.78	20.90	20.90	22	3
10	64QAM	25	12	20.83	21.05	20.88		
10	64QAM	25	25	20.79	20.90	20.95		
10	64QAM	50	0	20.76	20.98	20.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.71	23.95	23.78	25	0
5	QPSK	1	12	23.64	23.75	23.72		
5	QPSK	1	24	23.56	23.71	23.69		
5	QPSK	12	0	22.93	22.87	22.92	24	1
5	QPSK	12	7	22.76	22.82	22.65		
5	QPSK	12	13	22.78	22.70	22.75		
5	QPSK	25	0	22.68	22.87	22.87		
5	16QAM	1	0	22.98	23.04	22.86	24	1
5	16QAM	1	12	22.95	22.93	22.81		
5	16QAM	1	24	22.75	22.80	22.80		
5	16QAM	12	0	21.79	21.93	21.85	23	2
5	16QAM	12	7	21.82	21.78	21.81		
5	16QAM	12	13	21.68	21.81	21.84		
5	16QAM	25	0	21.65	21.78	21.68		
5	64QAM	1	0	21.78	21.91	21.99	23	2
5	64QAM	1	12	21.85	21.94	21.97		
5	64QAM	1	24	21.79	21.95	21.83		
5	64QAM	12	0	20.78	20.91	20.87	22	3
5	64QAM	12	7	20.69	20.96	20.85		
5	64QAM	12	13	20.76	21.02	20.98		
5	64QAM	25	0	20.78	20.93	20.86		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.70	23.86	23.78	25	0
3	QPSK	1	8	23.65	23.70	23.66		
3	QPSK	1	14	23.55	23.64	23.68		
3	QPSK	8	0	22.88	22.93	22.94	24	1
3	QPSK	8	4	22.70	22.91	22.70		
3	QPSK	8	7	22.77	22.72	22.73		
3	QPSK	15	0	22.62	22.92	22.89		
3	16QAM	1	0	22.93	22.94	22.95	24	1
3	16QAM	1	8	22.94	22.82	22.90		
3	16QAM	1	14	22.81	22.78	22.90		
3	16QAM	8	0	21.86	21.99	21.89	23	2
3	16QAM	8	4	21.74	21.73	21.72		
3	16QAM	8	7	21.68	21.82	21.78		
3	16QAM	15	0	21.66	21.82	21.75		
3	64QAM	1	0	21.76	22.00	21.90	23	2
3	64QAM	1	8	21.84	22.04	21.94		
3	64QAM	1	14	21.75	22.03	21.84		
3	64QAM	8	0	20.70	21.04	20.91	22	3
3	64QAM	8	4	20.71	21.03	20.86		
3	64QAM	8	7	20.81	21.00	20.89		
3	64QAM	15	0	20.79	20.97	20.84		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.66	23.93	23.84	25	0
1.4	QPSK	1	3	23.61	23.72	23.72		
1.4	QPSK	1	5	23.60	23.64	23.61		
1.4	QPSK	3	0	23.61	23.88	23.84		
1.4	QPSK	3	1	23.62	23.76	23.73		
1.4	QPSK	3	3	23.60	23.64	23.61		
1.4	QPSK	6	0	22.91	22.92	22.95	24	1
1.4	16QAM	1	0	22.73	22.85	22.72	24	1
1.4	16QAM	1	3	22.85	22.76	22.67		
1.4	16QAM	1	5	22.71	22.87	22.83		
1.4	16QAM	3	0	22.92	22.96	22.89		
1.4	16QAM	3	1	22.95	22.84	22.82		
1.4	16QAM	3	3	22.78	22.85	22.83		
1.4	16QAM	6	0	21.85	22.00	21.85	23	2
1.4	64QAM	1	0	21.71	21.93	21.95	23	2
1.4	64QAM	1	3	21.73	22.03	21.84		
1.4	64QAM	1	5	21.73	21.99	21.83		
1.4	64QAM	3	0	21.80	21.91	21.85		
1.4	64QAM	3	1	21.70	22.06	21.90		
1.4	64QAM	3	3	21.82	22.03	21.91		
1.4	64QAM	6	0	20.68	21.05	20.91	22	3

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.50	23.70	23.63	24	0
20	QPSK	1	49	23.46	23.56	23.52		
20	QPSK	1	99	23.46	23.45	23.50		
20	QPSK	50	0	22.64	22.69	22.65	23	1
20	QPSK	50	24	22.56	22.63	22.42		
20	QPSK	50	50	22.59	22.56	22.53		
20	QPSK	100	0	22.43	22.70	22.66		
20	16QAM	1	0	22.67	22.78	22.66	23	1
20	16QAM	1	49	22.69	22.66	22.68		
20	16QAM	1	99	22.55	22.60	22.60		
20	16QAM	50	0	21.60	21.76	21.66	22	2
20	16QAM	50	24	21.54	21.62	21.62		
20	16QAM	50	50	21.48	21.61	21.56		
20	16QAM	100	0	21.42	21.66	21.49		
20	64QAM	1	0	21.42	21.73	21.64	22	2
20	64QAM	1	49	21.56	21.71	21.62		
20	64QAM	1	99	21.54	21.78	21.59		
20	64QAM	50	0	20.48	20.76	20.54	21	3
20	64QAM	50	24	20.57	20.65	20.66		
20	64QAM	50	50	20.55	20.65	20.66		
20	64QAM	100	0	20.50	20.70	20.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.39	23.65	23.50	24	0
15	QPSK	1	37	23.36	23.44	23.43		
15	QPSK	1	74	23.39	23.34	23.37		
15	QPSK	36	0	22.64	22.60	22.59	23	1
15	QPSK	36	20	22.43	22.52	22.39		
15	QPSK	36	39	22.55	22.44	22.43		
15	QPSK	75	0	22.38	22.62	22.53		
15	16QAM	1	0	22.57	22.72	22.52	23	1
15	16QAM	1	37	22.62	22.63	22.59		
15	16QAM	1	74	22.45	22.46	22.53		
15	16QAM	36	0	21.54	21.63	21.52	22	2
15	16QAM	36	20	21.40	21.59	21.55		
15	16QAM	36	39	21.41	21.55	21.50		
15	16QAM	75	0	21.38	21.61	21.35		
15	64QAM	1	0	21.42	21.73	21.65	22	2
15	64QAM	1	37	21.41	21.66	21.66		
15	64QAM	1	74	21.50	21.74	21.58		
15	64QAM	36	0	20.51	20.73	20.70	21	3
15	64QAM	36	20	20.55	20.62	20.56		
15	64QAM	36	39	20.53	20.77	20.55		
15	64QAM	75	0	20.46	20.63	20.67		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.37	23.59	23.51	24	0
10	QPSK	1	25	23.32	23.53	23.46		
10	QPSK	1	49	23.34	23.39	23.46		
10	QPSK	25	0	22.58	22.50	22.61	23	1
10	QPSK	25	12	22.48	22.59	22.35		
10	QPSK	25	25	22.51	22.51	22.40		
10	QPSK	50	0	22.32	22.64	22.53		
10	16QAM	1	0	22.54	22.67	22.61	23	1
10	16QAM	1	25	22.55	22.57	22.64		
10	16QAM	1	49	22.43	22.50	22.54		
10	16QAM	25	0	21.47	21.64	21.55	22	2
10	16QAM	25	12	21.45	21.55	21.53		
10	16QAM	25	25	21.43	21.54	21.46		
10	16QAM	50	0	21.32	21.56	21.36		
10	64QAM	1	0	21.47	21.72	21.57	22	2
10	64QAM	1	25	21.51	21.73	21.66		
10	64QAM	1	49	21.54	21.62	21.56		
10	64QAM	25	0	20.43	20.61	20.70	21	3
10	64QAM	25	12	20.58	20.79	20.61		
10	64QAM	25	25	20.46	20.61	20.55		
10	64QAM	50	0	20.53	20.70	20.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.45	23.64	23.57	24	0
5	QPSK	1	12	23.38	23.45	23.39		
5	QPSK	1	24	23.33	23.42	23.44		
5	QPSK	12	0	22.65	22.59	22.51	23	1
5	QPSK	12	7	22.51	22.49	22.30		
5	QPSK	12	13	22.47	22.45	22.43		
5	QPSK	25	0	22.28	22.63	22.61		
5	16QAM	1	0	22.63	22.71	22.55	23	1
5	16QAM	1	12	22.64	22.53	22.64		
5	16QAM	1	24	22.44	22.51	22.56		
5	16QAM	12	0	21.55	21.66	21.60	22	2
5	16QAM	12	7	21.44	21.54	21.58		
5	16QAM	12	13	21.44	21.56	21.53		
5	16QAM	25	0	21.29	21.57	21.38		
5	64QAM	1	0	21.57	21.76	21.57	22	2
5	64QAM	1	12	21.45	21.71	21.65		
5	64QAM	1	24	21.58	21.64	21.72		
5	64QAM	12	0	20.54	20.70	20.57	21	3
5	64QAM	12	7	20.54	20.63	20.63		
5	64QAM	12	13	20.44	20.64	20.59		
5	64QAM	25	0	20.49	20.71	20.55		

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	22.21	22.63	22.32	23	0
10	QPSK	1	25	22.20	22.24	22.29		
10	QPSK	1	49	22.15	22.16	22.19		
10	QPSK	25	0	22.43	22.32	22.33	23	0
10	QPSK	25	12	22.27	22.34	22.13		
10	QPSK	25	25	22.34	22.23	22.24		
10	QPSK	50	0	22.16	22.46	22.31		
10	16QAM	1	0	22.44	22.45	22.32	23	0
10	16QAM	1	25	22.45	22.38	22.44		
10	16QAM	1	49	22.25	22.36	22.31		
10	16QAM	25	0	21.31	21.47	21.42	22	1
10	16QAM	25	12	21.21	21.32	21.30		
10	16QAM	25	25	21.19	21.35	21.26		
10	16QAM	50	0	21.13	21.40	21.16		
10	64QAM	1	0	21.25	21.57	21.40	22	1
10	64QAM	1	25	21.23	21.68	21.24		
10	64QAM	1	49	21.22	21.67	21.27		
10	64QAM	25	0	20.20	20.66	20.29	21	2
10	64QAM	25	12	20.23	20.58	20.27		
10	64QAM	25	25	20.26	20.57	20.38		
10	64QAM	50	0	20.24	20.60	20.33		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.26	22.38	22.30	23	0
5	QPSK	1	12	22.20	22.28	22.27		
5	QPSK	1	24	22.12	22.19	22.15		
5	QPSK	12	0	22.35	22.28	22.30	23	0
5	QPSK	12	7	22.19	22.26	21.99		
5	QPSK	12	13	22.21	22.11	22.21		
5	QPSK	25	0	22.11	22.43	22.22		
5	16QAM	1	0	22.37	22.40	22.21	23	0
5	16QAM	1	12	22.30	22.35	22.37		
5	16QAM	1	24	22.11	22.30	22.23		
5	16QAM	12	0	21.28	21.42	21.37	22	1
5	16QAM	12	7	21.09	21.21	21.27		
5	16QAM	12	13	21.08	21.27	21.13		
5	16QAM	25	0	21.02	21.35	21.11		
5	64QAM	1	0	21.19	21.59	21.36	22	1
5	64QAM	1	12	21.23	21.69	21.32		
5	64QAM	1	24	21.22	21.59	21.27		
5	64QAM	12	0	20.21	20.56	20.39	21	2
5	64QAM	12	7	20.29	20.55	20.28		
5	64QAM	12	13	20.22	20.55	20.34		
5	64QAM	25	0	20.20	20.56	20.41		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.27	22.38	22.34	23	0
3	QPSK	1	8	22.15	22.27	22.28		
3	QPSK	1	14	22.18	22.20	22.21		
3	QPSK	8	0	22.36	22.20	22.28	23	0
3	QPSK	8	4	22.23	22.26	22.01		
3	QPSK	8	7	22.22	22.17	22.09		
3	QPSK	15	0	22.02	22.40	22.27		
3	16QAM	1	0	22.38	22.43	22.20	23	0
3	16QAM	1	8	22.39	22.24	22.34		
3	16QAM	1	14	22.13	22.28	22.27		
3	16QAM	8	0	21.26	21.44	21.30	22	1
3	16QAM	8	4	21.12	21.20	21.22		
3	16QAM	8	7	21.15	21.25	21.19		
3	16QAM	15	0	21.02	21.33	21.13		
3	64QAM	1	0	21.24	21.61	21.35	22	1
3	64QAM	1	8	21.17	21.56	21.31		
3	64QAM	1	14	21.24	21.67	21.38		
3	64QAM	8	0	20.18	20.62	20.26	21	2
3	64QAM	8	4	20.18	20.57	20.33		
3	64QAM	8	7	20.22	20.54	20.41		
3	64QAM	15	0	20.19	20.67	20.40		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.19	22.45	22.34	23	0
1.4	QPSK	1	3	22.19	22.29	22.27		
1.4	QPSK	1	5	22.12	22.19	22.20		
1.4	QPSK	3	0	22.20	22.41	22.34		
1.4	QPSK	3	1	22.15	22.28	22.26		
1.4	QPSK	3	3	22.11	22.19	22.14		
1.4	QPSK	6	0	22.37	22.26	22.28	23	0
1.4	16QAM	1	0	22.24	22.25	22.08	23	0
1.4	16QAM	1	3	22.27	22.12	22.11		
1.4	16QAM	1	5	22.05	22.39	22.27		
1.4	16QAM	3	0	22.38	22.38	22.22		
1.4	16QAM	3	1	22.36	22.29	22.40		
1.4	16QAM	3	3	22.18	22.32	22.26		
1.4	16QAM	6	0	21.18	21.43	21.29	22	1
1.4	64QAM	1	0	21.30	21.70	21.36	22	1
1.4	64QAM	1	3	21.20	21.56	21.27		
1.4	64QAM	1	5	21.24	21.54	21.38		
1.4	64QAM	3	0	21.26	21.68	21.26		
1.4	64QAM	3	1	21.21	21.65	21.39		
1.4	64QAM	3	3	21.22	21.61	21.37		
1.4	64QAM	6	0	20.17	20.64	20.29	21	2

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		23.32		24	0
10	QPSK	1	25		23.13			
10	QPSK	1	49		23.10			
10	QPSK	25	0		22.28		23	1
10	QPSK	25	12		22.20			
10	QPSK	25	25		22.10			
10	QPSK	50	0		22.42			
10	16QAM	1	0		22.38		23	1
10	16QAM	1	25		22.25			
10	16QAM	1	49		22.22			
10	16QAM	25	0		21.44		22	2
10	16QAM	25	12		21.26			
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.35			
10	64QAM	1	0		21.32		22	2
10	64QAM	1	25		21.24			
10	64QAM	1	49		21.35			
10	64QAM	25	0		20.26		21	3
10	64QAM	25	12		20.33			
10	64QAM	25	25		20.27			
10	64QAM	50	0		20.38			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.21	23.26	23.22	24	0
5	QPSK	1	12	23.17	23.22	23.17		
5	QPSK	1	24	22.96	23.07	22.94		
5	QPSK	12	0	22.14	22.26	22.13	23	1
5	QPSK	12	7	22.08	22.22	22.12		
5	QPSK	12	13	22.05	22.13	22.10		
5	QPSK	25	0	22.34	22.39	22.26		
5	16QAM	1	0	22.23	22.34	22.30	23	1
5	16QAM	1	12	22.20	22.26	22.20		
5	16QAM	1	24	22.17	22.27	22.19		
5	16QAM	12	0	21.20	21.34	21.24	22	2
5	16QAM	12	7	21.16	21.25	21.17		
5	16QAM	12	13	21.14	21.21	21.15		
5	16QAM	25	0	21.26	21.35	21.21		
5	64QAM	1	0	21.13	21.21	21.19	22	2
5	64QAM	1	12	21.17	21.34	21.25		
5	64QAM	1	24	21.26	21.28	21.22		
5	64QAM	12	0	20.15	20.18	20.30	21	3
5	64QAM	12	7	20.21	20.32	20.17		
5	64QAM	12	13	20.26	20.25	20.13		
5	64QAM	25	0	20.22	20.22	20.25		

Band 14 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.27		24	0
10	QPSK	1	25		23.15			
10	QPSK	1	49		23.13			
10	QPSK	25	0		22.75		23.5	0.5
10	QPSK	25	12		22.71			
10	QPSK	25	25		22.64			
10	QPSK	50	0		22.70			
10	16QAM	1	0		22.80		23.5	0.5
10	16QAM	1	25		22.82			
10	16QAM	1	49		22.77			
10	16QAM	25	0		21.85		22.5	1.5
10	16QAM	25	12		21.77			
10	16QAM	25	25		21.70			
10	16QAM	50	0		21.68			
10	64QAM	1	0		21.85		22.5	1.5
10	64QAM	1	25		21.73			
10	64QAM	1	49		21.78			
10	64QAM	25	0		20.84		21.5	2.5
10	64QAM	25	12		20.73			
10	64QAM	25	25		20.71			
10	64QAM	50	0		20.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	23.20	23.23	23.24	24	0
5	QPSK	1	12	23.15	23.21	23.23		
5	QPSK	1	24	23.10	23.10	23.10		
5	QPSK	12	0	22.84	22.82	22.74	23.5	0.5
5	QPSK	12	7	22.72	22.73	22.76		
5	QPSK	12	13	22.67	22.68	22.66		
5	QPSK	25	0	22.70	22.76	22.69		
5	16QAM	1	0	22.89	22.81	22.81	23.5	0.5
5	16QAM	1	12	22.80	22.73	22.83		
5	16QAM	1	24	22.78	22.78	22.72		
5	16QAM	12	0	21.76	21.82	21.78	22.5	1.5
5	16QAM	12	7	21.73	21.75	21.76		
5	16QAM	12	13	21.79	21.75	21.79		
5	16QAM	25	0	21.69	21.75	21.74		
5	64QAM	1	0	21.66	21.71	21.80	22.5	1.5
5	64QAM	1	12	21.64	21.74	21.70		
5	64QAM	1	24	21.77	21.69	21.71		
5	64QAM	12	0	20.77	20.73	20.72	21.5	2.5
5	64QAM	12	7	20.75	20.79	20.77		
5	64QAM	12	13	20.77	20.69	20.72		
5	64QAM	25	0	20.66	20.70	20.66		

Band 25 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.26	23.35	23.29	24	0
20	QPSK	1	49	23.12	23.26	23.18		
20	QPSK	1	99	23.07	23.23	23.14		
20	QPSK	50	0	22.27	22.35	22.25	23	1
20	QPSK	50	24	22.23	22.34	22.23		
20	QPSK	50	50	22.21	22.23	22.27		
20	QPSK	100	0	22.23	22.28	22.25		
20	16QAM	1	0	22.42	22.46	22.43	23	1
20	16QAM	1	49	22.35	22.34	22.35		
20	16QAM	1	99	22.31	22.33	22.28		
20	16QAM	50	0	21.40	21.40	21.27	22	2
20	16QAM	50	24	21.22	21.35	21.27		
20	16QAM	50	50	21.29	21.36	21.27		
20	16QAM	100	0	21.21	21.32	21.26		
20	64QAM	1	0	21.17	21.43	21.19	22	2
20	64QAM	1	49	21.31	21.43	21.34		
20	64QAM	1	99	21.32	21.30	21.21		
20	64QAM	50	0	20.19	20.28	20.38	21	3
20	64QAM	50	24	20.24	20.43	20.28		
20	64QAM	50	50	20.23	20.27	20.35		
20	64QAM	100	0	20.25	20.29	20.18		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.22	23.23	23.18	24	0
15	QPSK	1	37	23.07	23.14	23.08		
15	QPSK	1	74	22.96	23.13	23.00		
15	QPSK	36	0	22.24	22.30	22.12	23	1
15	QPSK	36	20	22.14	22.30	22.20		
15	QPSK	36	39	22.06	22.15	22.18		
15	QPSK	75	0	22.10	22.17	22.15		
15	16QAM	1	0	22.30	22.33	22.35	23	1
15	16QAM	1	37	22.25	22.22	22.24		
15	16QAM	1	74	22.22	22.21	22.15		
15	16QAM	36	0	21.36	21.31	21.21	22	2
15	16QAM	36	20	21.07	21.28	21.20		
15	16QAM	36	39	21.20	21.23	21.20		
15	16QAM	75	0	21.09	21.27	21.18		
15	64QAM	1	0	21.21	21.41	21.32	22	2
15	64QAM	1	37	21.26	21.27	21.32		
15	64QAM	1	74	21.23	21.37	21.22		
15	64QAM	36	0	20.23	20.46	20.34	21	3
15	64QAM	36	20	20.35	20.36	20.20		
15	64QAM	36	39	20.25	20.26	20.38		
15	64QAM	75	0	20.17	20.38	20.37		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.12	23.27	23.18	24	0
10	QPSK	1	25	23.08	23.12	23.14		
10	QPSK	1	49	22.97	23.12	23.00		
10	QPSK	25	0	22.23	22.30	22.21	23	1
10	QPSK	25	12	22.14	22.30	22.13		
10	QPSK	25	25	22.10	22.14	22.21		
10	QPSK	50	0	22.08	22.21	22.14		
10	16QAM	1	0	22.37	22.43	22.31	23	1
10	16QAM	1	25	22.23	22.21	22.30		
10	16QAM	1	49	22.22	22.19	22.14		
10	16QAM	25	0	21.25	21.33	21.23	22	2
10	16QAM	25	12	21.18	21.26	21.20		
10	16QAM	25	25	21.14	21.31	21.17		
10	16QAM	50	0	21.10	21.20	21.17		
10	64QAM	1	0	21.18	21.33	21.39	22	2
10	64QAM	1	25	21.33	21.45	21.33		
10	64QAM	1	49	21.19	21.34	21.29		
10	64QAM	25	0	20.29	20.37	20.36	21	3
10	64QAM	25	12	20.30	20.30	20.24		
10	64QAM	25	25	20.24	20.37	20.35		
10	64QAM	50	0	20.37	20.31	20.36		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.13	23.25	23.23	24	0
5	QPSK	1	12	23.06	23.20	23.07		
5	QPSK	1	24	22.97	23.13	23.07		
5	QPSK	12	0	22.20	22.21	22.18	23	1
5	QPSK	12	7	22.17	22.25	22.09		
5	QPSK	12	13	22.12	22.10	22.19		
5	QPSK	25	0	22.16	22.14	22.11		
5	16QAM	1	0	22.32	22.38	22.31	23	1
5	16QAM	1	12	22.30	22.26	22.23		
5	16QAM	1	24	22.19	22.24	22.17		
5	16QAM	12	0	21.31	21.28	21.23	22	2
5	16QAM	12	7	21.16	21.24	21.23		
5	16QAM	12	13	21.17	21.23	21.21		
5	16QAM	25	0	21.11	21.22	21.23		
5	64QAM	1	0	21.24	21.29	21.19	22	2
5	64QAM	1	12	21.28	21.41	21.35		
5	64QAM	1	24	21.31	21.45	21.24		
5	64QAM	12	0	20.37	20.34	20.38	21	3
5	64QAM	12	7	20.25	20.40	20.35		
5	64QAM	12	13	20.36	20.38	20.35		
5	64QAM	25	0	20.29	20.32	20.32		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.22	23.32	23.14	24	0
3	QPSK	1	8	23.08	23.22	23.13		
3	QPSK	1	14	22.92	23.13	23.09		
3	QPSK	8	0	22.19	22.21	22.13	23	1
3	QPSK	8	4	22.10	22.25	22.09		
3	QPSK	8	7	22.09	22.19	22.22		
3	QPSK	15	0	22.14	22.25	22.21		
3	16QAM	1	0	22.35	22.39	22.32	23	1
3	16QAM	1	8	22.26	22.28	22.30		
3	16QAM	1	14	22.28	22.23	22.24		
3	16QAM	8	0	21.28	21.33	21.12	22	2
3	16QAM	8	4	21.10	21.29	21.17		
3	16QAM	8	7	21.15	21.32	21.24		
3	16QAM	15	0	21.18	21.24	21.12		
3	64QAM	1	0	21.35	21.24	21.37	22	2
3	64QAM	1	8	21.25	21.36	21.23		
3	64QAM	1	14	21.31	21.42	21.38		
3	64QAM	8	0	20.27	20.36	20.30	21	3
3	64QAM	8	4	20.31	20.23	20.38		
3	64QAM	8	7	20.30	20.30	20.37		
3	64QAM	15	0	20.23	20.33	20.37		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.18	23.31	23.17	24	0
1.4	QPSK	1	3	23.02	23.16	23.11		
1.4	QPSK	1	5	23.03	23.09	23.01		
1.4	QPSK	3	0	23.20	23.24	23.14		
1.4	QPSK	3	1	22.98	23.11	23.07		
1.4	QPSK	3	3	23.03	23.09	23.03		
1.4	QPSK	6	0	22.14	22.22	22.18	23	1
1.4	16QAM	1	0	22.14	22.26	22.15	23	1
1.4	16QAM	1	3	22.09	22.16	22.15		
1.4	16QAM	1	5	22.17	22.25	22.13		
1.4	16QAM	3	0	22.28	22.37	22.40		
1.4	16QAM	3	1	22.23	22.27	22.22		
1.4	16QAM	3	3	22.24	22.18	22.22		
1.4	16QAM	6	0	21.34	21.29	21.22	22	2
1.4	64QAM	1	0	21.17	21.37	21.24	22	2
1.4	64QAM	1	3	21.29	21.26	21.32		
1.4	64QAM	1	5	21.36	21.40	21.38		
1.4	64QAM	3	0	21.32	21.38	21.18		
1.4	64QAM	3	1	21.29	21.23	21.38		
1.4	64QAM	3	3	21.37	21.43	21.30		
1.4	64QAM	6	0	20.14	20.42	20.19	21	3

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	23.84	24.01	23.90	25	0
15	QPSK	1	37	23.77	23.84	23.87		
15	QPSK	1	74	23.71	23.85	23.78		
15	QPSK	36	0	22.96	23.02	22.92	24	1
15	QPSK	36	20	22.79	22.95	22.77		
15	QPSK	36	39	22.85	22.95	22.87		
15	QPSK	75	0	22.87	22.98	22.91		
15	16QAM	1	0	22.96	23.00	22.92	24	1
15	16QAM	1	37	22.95	22.98	22.96		
15	16QAM	1	74	22.92	22.99	22.94		
15	16QAM	36	0	21.92	22.01	21.85	23	2
15	16QAM	36	20	21.88	21.85	21.87		
15	16QAM	36	39	21.89	21.91	21.90		
15	16QAM	75	0	21.82	21.95	21.87		
15	64QAM	1	0	21.76	22.13	21.98	23	2
15	64QAM	1	37	21.93	21.90	21.89		
15	64QAM	1	74	21.76	21.94	22.02		
15	64QAM	36	0	20.77	20.99	20.81	22	3
15	64QAM	36	20	20.78	21.11	20.82		
15	64QAM	36	39	20.90	20.99	20.89		
15	64QAM	75	0	20.85	21.09	20.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.80	23.94	23.83	25	0
10	QPSK	1	25	23.72	23.76	23.74		
10	QPSK	1	49	23.66	23.77	23.65		
10	QPSK	25	0	22.89	22.95	22.86	24	1
10	QPSK	25	12	22.71	22.86	22.67		
10	QPSK	25	25	22.79	22.89	22.77		
10	QPSK	50	0	22.81	22.88	22.78		
10	16QAM	1	0	22.91	22.88	22.83	24	1
10	16QAM	1	25	22.88	22.93	22.85		
10	16QAM	1	49	22.88	22.86	22.89		
10	16QAM	25	0	21.78	21.89	21.76	23	2
10	16QAM	25	12	21.82	21.73	21.76		
10	16QAM	25	25	21.78	21.80	21.76		
10	16QAM	50	0	21.77	21.84	21.80		
10	64QAM	1	0	21.82	21.96	21.99	23	2
10	64QAM	1	25	21.76	22.01	21.98		
10	64QAM	1	49	21.85	22.11	21.82		
10	64QAM	25	0	20.83	20.92	20.91	22	3
10	64QAM	25	12	20.78	20.94	20.92		
10	64QAM	25	25	20.89	20.96	20.79		
10	64QAM	50	0	20.81	20.90	20.93		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.73	23.88	23.84	25	0
5	QPSK	1	12	23.65	23.79	23.78		
5	QPSK	1	24	23.65	23.73	23.68		
5	QPSK	12	0	22.92	22.96	22.80	24	1
5	QPSK	12	7	22.70	22.81	22.71		
5	QPSK	12	13	22.73	22.87	22.78		
5	QPSK	25	0	22.73	22.93	22.84		
5	16QAM	1	0	22.93	22.94	22.82	24	1
5	16QAM	1	12	22.88	22.95	22.91		
5	16QAM	1	24	22.86	22.91	22.83		
5	16QAM	12	0	21.88	21.91	21.76	23	2
5	16QAM	12	7	21.78	21.73	21.82		
5	16QAM	12	13	21.77	21.79	21.77		
5	16QAM	25	0	21.71	21.81	21.74		
5	64QAM	1	0	21.93	22.02	21.90	23	2
5	64QAM	1	12	21.76	22.07	21.94		
5	64QAM	1	24	21.72	22.06	21.93		
5	64QAM	12	0	20.84	21.08	20.98	22	3
5	64QAM	12	7	20.74	21.09	20.85		
5	64QAM	12	13	20.86	21.02	21.01		
5	64QAM	25	0	20.90	20.94	20.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.81	23.90	23.86	25	0
3	QPSK	1	8	23.66	23.79	23.73		
3	QPSK	1	14	23.64	23.78	23.70		
3	QPSK	8	0	22.82	22.89	22.81	24	1
3	QPSK	8	4	22.70	22.90	22.71		
3	QPSK	8	7	22.72	22.89	22.77		
3	QPSK	15	0	22.76	22.86	22.84		
3	16QAM	1	0	22.85	22.97	22.81	24	1
3	16QAM	1	8	22.91	22.94	22.92		
3	16QAM	1	14	22.88	22.90	22.86		
3	16QAM	8	0	21.84	21.93	21.71	23	2
3	16QAM	8	4	21.80	21.74	21.77		
3	16QAM	8	7	21.85	21.77	21.82		
3	16QAM	15	0	21.78	21.83	21.75		
3	64QAM	1	0	21.73	21.94	21.86	23	2
3	64QAM	1	8	21.79	21.93	21.91		
3	64QAM	1	14	21.93	22.10	21.96		
3	64QAM	8	0	20.89	21.03	20.89	22	3
3	64QAM	8	4	20.82	21.06	20.85		
3	64QAM	8	7	20.74	20.97	21.01		
3	64QAM	15	0	20.72	20.97	20.88		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.71	23.97	23.83	25	0
1.4	QPSK	1	3	23.62	23.78	23.74		
1.4	QPSK	1	5	23.58	23.71	23.69		
1.4	QPSK	3	0	23.73	23.93	23.77		
1.4	QPSK	3	1	23.64	23.78	23.84		
1.4	QPSK	3	3	23.67	23.76	23.68		
1.4	QPSK	6	0	22.92	22.95	22.86	24	1
1.4	16QAM	1	0	22.71	22.87	22.67	24	1
1.4	16QAM	1	3	22.77	22.92	22.79		
1.4	16QAM	1	5	22.82	22.85	22.86		
1.4	16QAM	3	0	22.88	22.94	22.82		
1.4	16QAM	3	1	22.80	22.90	22.90		
1.4	16QAM	3	3	22.87	22.87	22.83		
1.4	16QAM	6	0	21.87	21.97	21.77	23	2
1.4	64QAM	1	0	21.82	22.06	21.98	23	2
1.4	64QAM	1	3	21.88	22.07	21.79		
1.4	64QAM	1	5	21.79	22.10	21.83		
1.4	64QAM	3	0	21.95	22.01	21.94		
1.4	64QAM	3	1	21.94	22.00	21.81		
1.4	64QAM	3	3	21.88	21.98	21.90		
1.4	64QAM	6	0	20.92	20.91	20.91	22	3

Band 66 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.12	19.21	19.07	19.5	0
20	QPSK	1	49	19.01	19.14	19.09		
20	QPSK	1	99	18.88	18.96	18.91		
20	QPSK	50	0	19.07	19.12	19.05	19.5	0
20	QPSK	50	24	18.97	19.09	18.98		
20	QPSK	50	50	19.01	19.03	18.91		
20	QPSK	100	0	18.94	19.14	19.06		
20	16QAM	1	0	18.86	19.02	18.91	19.5	0
20	16QAM	1	49	18.95	19.04	18.93		
20	16QAM	1	99	19.16	19.13	19.03		
20	16QAM	50	0	18.94	19.00	18.97	19.5	0
20	16QAM	50	24	19.11	19.14	18.98		
20	16QAM	50	50	18.89	19.08	18.97		
20	16QAM	100	0	18.97	19.00	18.92		
20	64QAM	1	0	19.05	19.04	18.90	19.5	0
20	64QAM	1	49	19.10	19.15	19.02		
20	64QAM	1	99	19.00	19.20	18.96		
20	64QAM	50	0	19.06	19.08	19.03	19.5	0
20	64QAM	50	24	19.06	19.15	18.91		
20	64QAM	50	50	19.04	19.16	18.92		
20	64QAM	100	0	19.04	19.11	18.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.07	19.12	19.07	19.5	0
15	QPSK	1	37	18.97	19.14	19.06		
15	QPSK	1	74	18.96	18.99	18.89		
15	QPSK	36	0	19.12	19.08	19.02	19.5	0
15	QPSK	36	20	18.89	19.12	18.95		
15	QPSK	36	39	18.96	19.07	18.99		
15	QPSK	75	0	18.99	19.15	19.04		
15	16QAM	1	0	18.93	19.10	19.02	19.5	0
15	16QAM	1	37	18.96	19.02	18.96		
15	16QAM	1	74	19.05	19.11	19.04		
15	16QAM	36	0	19.03	19.01	19.04	19.5	0
15	16QAM	36	20	19.10	19.09	19.07		
15	16QAM	36	39	18.91	19.00	18.98		
15	16QAM	75	0	18.97	18.96	18.95		
15	64QAM	1	0	19.01	19.08	18.97	19.5	0
15	64QAM	1	37	19.07	19.17	18.96		
15	64QAM	1	74	18.94	19.05	19.01		
15	64QAM	36	0	19.06	19.04	19.05	19.5	0
15	64QAM	36	20	19.01	19.19	19.02		
15	64QAM	36	39	19.01	19.05	18.93		
15	64QAM	75	0	18.95	19.06	18.93		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.15	19.18	19.03	19.5	0
10	QPSK	1	25	19.01	19.10	19.09		
10	QPSK	1	49	18.94	19.05	18.87		
10	QPSK	25	0	19.17	19.15	19.00	19.5	0
10	QPSK	25	12	18.91	19.11	19.02		
10	QPSK	25	25	18.94	19.06	19.00		
10	QPSK	50	0	18.92	19.06	18.97		
10	16QAM	1	0	18.94	19.11	18.92	19.5	0
10	16QAM	1	25	18.95	18.96	18.93		
10	16QAM	1	49	19.13	19.19	18.99		
10	16QAM	25	0	19.03	19.01	19.05	19.5	0
10	16QAM	25	12	19.01	19.10	18.96		
10	16QAM	25	25	18.95	19.08	19.03		
10	16QAM	50	0	18.99	18.95	19.02		
10	64QAM	1	0	19.10	19.03	18.93	19.5	0
10	64QAM	1	25	19.04	19.07	19.02		
10	64QAM	1	49	19.00	19.17	18.94		
10	64QAM	25	0	19.05	19.20	18.88	19.5	0
10	64QAM	25	12	19.01	19.17	18.98		
10	64QAM	25	25	19.10	19.08	18.93		
10	64QAM	50	0	19.08	19.14	18.93		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.08	19.20	19.03	19.5	0
5	QPSK	1	12	18.94	19.09	19.01		
5	QPSK	1	24	18.88	18.98	18.88		
5	QPSK	12	0	19.08	19.07	18.99	19.5	0
5	QPSK	12	7	18.94	19.09	19.04		
5	QPSK	12	13	18.96	19.10	19.02		
5	QPSK	25	0	18.91	19.08	18.99		
5	16QAM	1	0	18.92	19.11	18.96	19.5	0
5	16QAM	1	12	18.93	18.96	18.96		
5	16QAM	1	24	19.17	19.15	18.95		
5	16QAM	12	0	18.93	19.05	19.01	19.5	0
5	16QAM	12	7	19.08	19.15	19.07		
5	16QAM	12	13	18.93	19.05	19.05		
5	16QAM	25	0	18.92	18.94	18.96		
5	64QAM	1	0	19.04	19.14	19.05	19.5	0
5	64QAM	1	12	19.07	19.02	18.90		
5	64QAM	1	24	19.06	19.14	18.98		
5	64QAM	12	0	19.08	19.04	19.02	19.5	0
5	64QAM	12	7	19.05	19.17	18.89		
5	64QAM	12	13	19.07	19.16	18.92		
5	64QAM	25	0	19.09	19.19	19.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.17	19.18	19.00	19.5	0
3	QPSK	1	8	18.90	19.10	19.04		
3	QPSK	1	14	18.96	19.05	18.92		
3	QPSK	8	0	19.06	19.10	19.02	19.5	0
3	QPSK	8	4	18.93	19.04	18.95		
3	QPSK	8	7	18.95	19.10	18.95		
3	QPSK	15	0	18.96	19.08	19.02		
3	16QAM	1	0	18.95	19.13	18.91	19.5	0
3	16QAM	1	8	18.90	19.06	18.97		
3	16QAM	1	14	19.07	19.15	19.00		
3	16QAM	8	0	18.95	19.10	18.97	19.5	0
3	16QAM	8	4	19.10	19.11	18.97		
3	16QAM	8	7	18.96	19.08	18.96		
3	16QAM	15	0	18.89	18.97	18.97		
3	64QAM	1	0	19.00	19.06	19.02	19.5	0
3	64QAM	1	8	19.08	19.06	18.89		
3	64QAM	1	14	18.96	19.13	18.94		
3	64QAM	8	0	19.02	19.07	19.04	19.5	0
3	64QAM	8	4	18.93	19.13	19.03		
3	64QAM	8	7	19.10	19.10	18.93		
3	64QAM	15	0	18.99	19.19	18.95		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.15	19.18	19.12	19.5	0
1.4	QPSK	1	3	18.99	19.08	19.08		
1.4	QPSK	1	5	18.91	18.99	18.97		
1.4	QPSK	3	0	19.14	19.16	19.02		
1.4	QPSK	3	1	18.97	19.03	18.98		
1.4	QPSK	3	3	18.94	19.04	18.97		
1.4	QPSK	6	0	18.90	19.12	19.00	18.5	1
1.4	16QAM	1	0	18.91	19.06	18.97	18.5	1
1.4	16QAM	1	3	18.97	18.96	18.89		
1.4	16QAM	1	5	19.06	19.10	19.01		
1.4	16QAM	3	0	19.00	19.07	19.02		
1.4	16QAM	3	1	19.05	19.15	18.96		
1.4	16QAM	3	3	18.88	19.03	19.04		
1.4	16QAM	6	0	18.98	18.99	18.94	17.5	2
1.4	64QAM	1	0	19.06	19.19	18.89	17.5	2
1.4	64QAM	1	3	19.05	19.15	19.01		
1.4	64QAM	1	5	18.97	19.07	19.01		
1.4	64QAM	3	0	19.08	19.08	18.97		
1.4	64QAM	3	1	19.01	19.05	18.89		
1.4	64QAM	3	3	19.00	19.02	19.00		
1.4	64QAM	6	0	18.98	19.06	18.89	16.5	3

Band 71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	20.94	21.10	20.82	22	0
20	QPSK	1	49	20.73	20.92	20.77		
20	QPSK	1	99	20.71	20.77	20.82		
20	QPSK	50	0	20.89	20.94	20.76	22	0
20	QPSK	50	24	20.81	20.88	20.72		
20	QPSK	50	50	20.70	20.80	20.77		
20	QPSK	100	0	20.79	20.94	20.76		
20	16QAM	1	0	20.87	20.94	20.77	22	0
20	16QAM	1	49	20.81	20.92	20.76		
20	16QAM	1	99	20.65	20.84	20.74		
20	16QAM	50	0	20.94	20.89	20.80	22	0
20	16QAM	50	24	20.75	20.87	20.82		
20	16QAM	50	50	20.66	20.78	20.79		
20	16QAM	100	0	20.74	20.89	20.73		
20	64QAM	1	0	20.76	21.02	20.64	22	0
20	64QAM	1	49	20.91	21.07	20.77		
20	64QAM	1	99	20.78	20.93	20.68		
20	64QAM	50	0	20.91	20.93	20.83	22	0
20	64QAM	50	24	20.88	20.93	20.77		
20	64QAM	50	50	20.85	20.99	20.85		
20	64QAM	100	0	20.93	20.91	20.91		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	20.85	20.91	20.77	22	0
15	QPSK	1	37	20.70	20.88	20.72		
15	QPSK	1	74	20.67	20.71	20.72		
15	QPSK	36	0	20.80	20.86	20.71	22	0
15	QPSK	36	20	20.75	20.81	20.69		
15	QPSK	36	39	20.65	20.73	20.74		
15	QPSK	75	0	20.75	20.88	20.68		
15	16QAM	1	0	20.80	20.88	20.75	22	0
15	16QAM	1	37	20.78	20.90	20.72		
15	16QAM	1	74	20.59	20.77	20.71		
15	16QAM	36	0	20.85	20.86	20.78	22	0
15	16QAM	36	20	20.69	20.78	20.74		
15	16QAM	36	39	20.62	20.74	20.69		
15	16QAM	75	0	20.71	20.79	20.69		
15	64QAM	1	0	20.83	21.00	20.78	22	0
15	64QAM	1	37	20.86	21.00	20.77		
15	64QAM	1	74	20.84	20.99	20.71		
15	64QAM	36	0	20.82	20.95	20.79	22	0
15	64QAM	36	20	20.87	20.96	20.86		
15	64QAM	36	39	20.80	20.83	20.81		
15	64QAM	75	0	20.90	20.90	20.87		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	20.90	20.89	20.73	22	0
10	QPSK	1	25	20.70	20.90	20.70		
10	QPSK	1	49	20.68	20.70	20.76		
10	QPSK	25	0	20.80	20.88	20.72	22	0
10	QPSK	25	12	20.71	20.79	20.64		
10	QPSK	25	25	20.62	20.78	20.69		
10	QPSK	50	0	20.74	20.91	20.70		
10	16QAM	1	0	20.80	20.87	20.73	22	0
10	16QAM	1	25	20.75	20.83	20.68		
10	16QAM	1	49	20.55	20.77	20.65		
10	16QAM	25	0	20.89	20.84	20.78	22	0
10	16QAM	25	12	20.68	20.79	20.75		
10	16QAM	25	25	20.57	20.68	20.76		
10	16QAM	50	0	20.69	20.81	20.69		
10	64QAM	1	0	20.78	21.06	20.81	22	0
10	64QAM	1	25	20.92	20.99	20.66		
10	64QAM	1	49	20.82	20.96	20.80		
10	64QAM	25	0	20.94	20.85	20.86	22	0
10	64QAM	25	12	20.99	20.86	20.89		
10	64QAM	25	25	20.90	20.91	20.90		
10	64QAM	50	0	20.90	20.92	20.83		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	20.91	20.87	20.80	22	0
5	QPSK	1	12	20.68	20.89	20.71		
5	QPSK	1	24	20.63	20.68	20.78		
5	QPSK	12	0	20.81	20.90	20.73	22	0
5	QPSK	12	7	20.78	20.81	20.67		
5	QPSK	12	13	20.67	20.73	20.75		
5	QPSK	25	0	20.77	20.84	20.69		
5	16QAM	1	0	20.81	20.91	20.69	22	0
5	16QAM	1	12	20.77	20.84	20.68		
5	16QAM	1	24	20.62	20.75	20.67		
5	16QAM	12	0	20.86	20.87	20.77	22	0
5	16QAM	12	7	20.66	20.84	20.75		
5	16QAM	12	13	20.59	20.71	20.76		
5	16QAM	25	0	20.64	20.82	20.64		
5	64QAM	1	0	20.86	20.93	20.78	22	0
5	64QAM	1	12	20.92	21.09	20.77		
5	64QAM	1	24	20.80	21.03	20.68		
5	64QAM	12	0	20.93	20.93	20.73	22	0
5	64QAM	12	7	20.99	20.97	20.90		
5	64QAM	12	13	21.00	20.86	20.73		
5	64QAM	25	0	20.94	20.82	20.73		

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.71	23.87	23.77	24	0
20	QPSK	1	49	23.59	23.77	23.78		
20	QPSK	1	99	23.56	23.70	23.69		
20	QPSK	50	0	22.82	22.91	22.71	23	1
20	QPSK	50	24	22.72	22.82	22.71		
20	QPSK	50	50	22.73	22.83	22.77		
20	QPSK	100	0	22.70	22.82	22.73		
20	16QAM	1	0	22.87	22.91	22.91	23	1
20	16QAM	1	49	22.79	22.90	22.81		
20	16QAM	1	99	22.82	22.83	22.83		
20	16QAM	50	0	21.82	21.86	21.75	22	2
20	16QAM	50	24	21.68	21.80	21.77		
20	16QAM	50	50	21.71	21.84	21.85		
20	16QAM	100	0	21.74	21.85	21.72		
20	64QAM	1	0	21.71	21.96	21.67	22	2
20	64QAM	1	49	21.79	21.98	21.79		
20	64QAM	1	99	21.60	21.90	21.81		
20	64QAM	50	0	20.72	20.77	20.78	21	3
20	64QAM	50	24	20.68	20.88	20.69		
20	64QAM	50	50	20.75	20.89	20.85		
20	64QAM	100	0	20.71	20.93	20.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.62	23.73	23.68	24	0
15	QPSK	1	37	23.52	23.66	23.71		
15	QPSK	1	74	23.52	23.62	23.65		
15	QPSK	36	0	22.70	22.86	22.63	23	1
15	QPSK	36	20	22.61	22.67	22.64		
15	QPSK	36	39	22.69	22.70	22.68		
15	QPSK	75	0	22.64	22.78	22.69		
15	16QAM	1	0	22.76	22.79	22.77	23	1
15	16QAM	1	37	22.74	22.76	22.67		
15	16QAM	1	74	22.73	22.75	22.75		
15	16QAM	36	0	21.76	21.77	21.67	22	2
15	16QAM	36	20	21.60	21.71	21.70		
15	16QAM	36	39	21.59	21.75	21.79		
15	16QAM	75	0	21.64	21.79	21.63		
15	64QAM	1	0	21.72	21.79	21.79	22	2
15	64QAM	1	37	21.67	21.81	21.87		
15	64QAM	1	74	21.74	21.98	21.72		
15	64QAM	36	0	20.81	20.88	20.86	21	3
15	64QAM	36	20	20.63	20.92	20.66		
15	64QAM	36	39	20.77	20.76	20.76		
15	64QAM	75	0	20.76	20.85	20.72		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.64	23.77	23.69	24	0
10	QPSK	1	25	23.50	23.73	23.73		
10	QPSK	1	49	23.44	23.61	23.63		
10	QPSK	25	0	22.77	22.86	22.60	23	1
10	QPSK	25	12	22.62	22.76	22.61		
10	QPSK	25	25	22.64	22.74	22.72		
10	QPSK	50	0	22.57	22.76	22.67		
10	16QAM	1	0	22.81	22.87	22.80	23	1
10	16QAM	1	25	22.70	22.83	22.66		
10	16QAM	1	49	22.72	22.73	22.69		
10	16QAM	25	0	21.79	21.72	21.64	22	2
10	16QAM	25	12	21.64	21.71	21.70		
10	16QAM	25	25	21.61	21.73	21.78		
10	16QAM	50	0	21.60	21.80	21.65		
10	64QAM	1	0	21.65	21.97	21.76	22	2
10	64QAM	1	25	21.71	21.95	21.76		
10	64QAM	1	49	21.82	21.77	21.71		
10	64QAM	25	0	20.63	20.78	20.85	21	3
10	64QAM	25	12	20.70	20.92	20.87		
10	64QAM	25	25	20.70	20.82	20.80		
10	64QAM	50	0	20.78	20.87	20.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.67	23.81	23.73	24	0
5	QPSK	1	12	23.51	23.71	23.64		
5	QPSK	1	24	23.46	23.67	23.60		
5	QPSK	12	0	22.78	22.85	22.67	23	1
5	QPSK	12	7	22.69	22.79	22.68		
5	QPSK	12	13	22.58	22.71	22.67		
5	QPSK	25	0	22.57	22.68	22.60		
5	16QAM	1	0	22.79	22.85	22.83	23	1
5	16QAM	1	12	22.76	22.84	22.76		
5	16QAM	1	24	22.76	22.77	22.76		
5	16QAM	12	0	21.74	21.72	21.66	22	2
5	16QAM	12	7	21.58	21.71	21.72		
5	16QAM	12	13	21.65	21.76	21.80		
5	16QAM	25	0	21.60	21.80	21.68		
5	64QAM	1	0	21.73	21.86	21.82	22	2
5	64QAM	1	12	21.75	21.94	21.84		
5	64QAM	1	24	21.80	21.95	21.85		
5	64QAM	12	0	20.73	20.95	20.81	21	3
5	64QAM	12	7	20.67	20.89	20.85		
5	64QAM	12	13	20.80	20.90	20.78		
5	64QAM	25	0	20.80	20.97	20.67		

Band 41 HPUE Ant 1

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	25.14	25.23	25.33	25.31	25.14	26	0
20	QPSK	1	49	25.01	25.20	25.27	25.22	25.02		
20	QPSK	1	99	24.98	25.13	25.23	25.23	25.08		
20	QPSK	50	0	24.10	24.36	24.43	24.27	24.17	25	1
20	QPSK	50	24	24.05	24.20	24.30	24.28	24.14		
20	QPSK	50	50	24.06	24.29	24.30	24.19	24.25		
20	QPSK	100	0	24.11	24.31	24.26	24.24	24.23		
20	16QAM	1	0	24.20	24.40	24.44	24.34	24.21	25	1
20	16QAM	1	49	24.09	24.27	24.46	24.41	24.22		
20	16QAM	1	99	24.14	24.26	24.35	24.23	24.24		
20	16QAM	50	0	23.13	23.30	23.41	23.43	23.25	24	2
20	16QAM	50	24	23.15	23.22	23.28	23.21	23.16		
20	16QAM	50	50	23.22	23.34	23.40	23.34	23.16		
20	16QAM	100	0	23.00	23.20	23.38	23.33	22.97		
20	64QAM	1	0	23.16	23.21	23.41	23.22	23.09	24	2
20	64QAM	1	49	23.24	23.35	23.38	23.29	23.11		
20	64QAM	1	99	23.18	23.26	23.28	23.36	23.26		
20	64QAM	50	0	22.15	22.28	22.37	22.33	22.20	23	3
20	64QAM	50	24	22.09	22.14	22.42	22.31	22.10		
20	64QAM	50	50	22.24	22.35	22.22	22.38	22.23		
20	64QAM	100	0	22.11	22.13	22.35	22.38	22.14		
20	256QAM	1	0	20.74	20.63	20.74	20.62	20.57	21	5
20	256QAM	1	49	20.67	20.77	20.73	20.66	20.73		
20	256QAM	1	99	20.61	20.52	20.56	20.53	20.66		
20	256QAM	50	0	20.52	20.49	20.52	20.60	20.49	21	5
20	256QAM	50	24	20.42	20.46	20.38	20.42	20.45		
20	256QAM	50	50	20.54	20.64	20.54	20.69	20.71		
20	256QAM	100	0	20.60	20.46	20.65	20.49	20.47		
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	25.10	25.13	25.19	25.19	25.04	26.00	0
15	QPSK	1	37	24.94	25.11	25.12	25.17	24.92		
15	QPSK	1	74	24.91	25.02	25.20	25.09	25.01		
15	QPSK	36	0	24.05	24.27	24.36	24.14	24.04	25	1
15	QPSK	36	20	23.91	24.09	24.18	24.14	24.04		
15	QPSK	36	39	23.91	24.21	24.21	24.05	24.15		
15	QPSK	75	0	24.05	24.20	24.18	24.11	24.15		
15	16QAM	1	0	24.08	24.33	24.32	24.19	24.18	25	1
15	16QAM	1	37	24.03	24.13	24.38	24.27	24.19		
15	16QAM	1	74	24.04	24.12	24.22	24.12	24.19		
15	16QAM	36	0	23.03	23.19	23.27	23.33	23.18	24	2
15	16QAM	36	20	23.02	23.16	23.13	23.10	23.02		
15	16QAM	36	39	23.15	23.30	23.31	23.29	23.10		
15	16QAM	75	0	22.93	23.10	23.27	23.25	22.82		
15	64QAM	1	0	23.13	23.30	23.23	23.38	23.08	24	2
15	64QAM	1	37	23.05	23.34	23.34	23.22	23.09		
15	64QAM	1	74	23.18	23.17	23.23	23.40	23.18		
15	64QAM	36	0	22.21	22.24	22.28	22.38	22.17	23	3
15	64QAM	36	20	22.11	22.26	22.24	22.32	22.06		
15	64QAM	36	39	22.19	22.26	22.21	22.27	22.18		
15	64QAM	75	0	22.04	22.16	22.45	22.36	22.14		
15	256QAM	1	0	20.55	20.66	20.65	20.59	20.70	21	5
15	256QAM	1	37	20.78	20.67	20.69	20.70	20.65		
15	256QAM	1	74	20.48	20.61	20.63	20.64	20.58		
15	256QAM	36	0	20.69	20.65	20.56	20.60	20.56	21	5
15	256QAM	36	20	20.40	20.36	20.48	20.44	20.45		
15	256QAM	36	39	20.53	20.68	20.65	20.60	20.72		
15	256QAM	75	0	20.58	20.50	20.67	20.52	20.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.04	25.12	25.18	25.28	24.99	26.00	0
10	QPSK	1	25	24.89	25.14	25.20	25.12	24.88		
10	QPSK	1	49	24.92	25.00	25.16	25.09	25.00		
10	QPSK	25	0	24.06	24.24	24.29	24.23	24.08	25	1
10	QPSK	25	12	23.98	24.09	24.26	24.14	24.04		
10	QPSK	25	25	23.96	24.20	24.21	24.09	24.11		
10	QPSK	50	0	24.01	24.18	24.22	24.12	24.15		
10	16QAM	1	0	24.16	24.27	24.31	24.27	24.09	25	1
10	16QAM	1	25	24.03	24.14	24.33	24.31	24.07		
10	16QAM	1	49	24.10	24.20	24.24	24.20	24.15		
10	16QAM	25	0	23.00	23.20	23.28	23.35	23.21	24	2
10	16QAM	25	12	23.05	23.13	23.21	23.12	23.10		
10	16QAM	25	25	23.07	23.24	23.27	23.30	23.08		
10	16QAM	50	0	22.92	23.15	23.28	23.21	22.82		
10	64QAM	1	0	23.07	23.30	23.30	23.41	23.15	24	2
10	64QAM	1	25	23.21	23.24	23.30	23.27	23.09		
10	64QAM	1	49	23.08	23.22	23.45	23.31	23.14		
10	64QAM	25	0	22.20	22.18	22.42	22.19	22.13	23	3
10	64QAM	25	12	22.04	22.22	22.22	22.38	22.23		
10	64QAM	25	25	22.06	22.33	22.33	22.24	22.14		
10	64QAM	50	0	22.06	22.24	22.43	22.42	22.21		
10	256QAM	1	0	20.65	20.70	20.57	20.61	20.73	21	5
10	256QAM	1	25	20.83	20.79	20.77	20.72	20.69		
10	256QAM	1	49	20.54	20.61	20.56	20.52	20.57		
10	256QAM	25	0	20.50	20.54	20.49	20.51	20.51	21	5
10	256QAM	25	12	20.56	20.35	20.39	20.35	20.45		
10	256QAM	25	25	20.66	20.71	20.63	20.57	20.59		
10	256QAM	50	0	20.51	20.49	20.53	20.65	20.63		
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	25.05	25.19	25.28	25.25	25.09	26.00	0
5	QPSK	1	12	24.91	25.12	25.15	25.08	24.92		
5	QPSK	1	24	24.90	25.05	25.11	25.09	24.99		
5	QPSK	12	0	24.00	24.25	24.29	24.19	24.10	25	1
5	QPSK	12	7	23.91	24.07	24.16	24.16	24.10		
5	QPSK	12	13	23.99	24.15	24.24	24.15	24.15		
5	QPSK	25	0	23.98	24.23	24.18	24.14	24.15		
5	16QAM	1	0	24.06	24.35	24.31	24.25	24.15	25	1
5	16QAM	1	12	24.04	24.20	24.32	24.37	24.17		
5	16QAM	1	24	24.05	24.14	24.27	24.15	24.18		
5	16QAM	12	0	23.06	23.24	23.30	23.30	23.20	24	2
5	16QAM	12	7	23.12	23.17	23.15	23.17	23.05		
5	16QAM	12	13	23.13	23.22	23.33	23.27	23.09		
5	16QAM	25	0	22.96	23.08	23.29	23.24	22.92		
5	64QAM	1	0	23.19	23.13	23.23	23.25	23.22	24	2
5	64QAM	1	12	23.10	23.16	23.29	23.36	23.16		
5	64QAM	1	24	23.16	23.24	23.22	23.42	23.07		
5	64QAM	12	0	22.22	22.21	22.23	22.33	22.10	23	3
5	64QAM	12	7	22.13	22.18	22.32	22.31	22.06		
5	64QAM	12	13	22.23	22.22	22.31	22.39	22.07		
5	64QAM	25	0	22.12	22.16	22.35	22.22	22.05		
5	256QAM	1	0	20.60	20.58	20.66	20.72	20.74	21	5
5	256QAM	1	12	20.81	20.78	20.64	20.72	20.66		
5	256QAM	1	24	20.62	20.54	20.48	20.55	20.56		
5	256QAM	12	0	20.49	20.64	20.56	20.50	20.58	21	5
5	256QAM	12	7	20.41	20.55	20.54	20.52	20.41		
5	256QAM	12	13	20.65	20.53	20.60	20.59	20.63		
5	256QAM	25	0	20.50	20.53	20.54	20.52	20.65		

Band 48 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	14.97	15.22	15.00	14.98	16	0
20	QPSK	1	49	15.03	15.01	14.93	15.11		
20	QPSK	1	99	14.97	14.89	14.86	15.18		
20	QPSK	50	0	15.13	15.19	14.90	15.10	16	0
20	QPSK	50	24	15.00	15.04	14.84	14.92		
20	QPSK	50	50	15.03	15.08	14.86	14.97		
20	QPSK	100	0	15.06	15.15	15.01	15.10		
20	16QAM	1	0	14.97	15.02	14.74	14.96	16	0
20	16QAM	1	49	14.98	15.01	14.84	15.19		
20	16QAM	1	99	15.01	15.05	15.06	15.12		
20	16QAM	50	0	15.07	15.16	14.81	15.01	16	0
20	16QAM	50	24	14.88	15.08	14.95	14.96		
20	16QAM	50	50	15.07	15.10	15.11	15.19		
20	16QAM	100	0	15.08	15.04	14.87	14.89		
20	64QAM	1	0	14.81	15.10	14.84	14.83	16	0
20	64QAM	1	49	14.86	15.16	14.83	14.94		
20	64QAM	1	99	14.79	15.05	14.83	14.91		
20	64QAM	50	0	14.85	15.18	14.92	14.91	16	0
20	64QAM	50	24	14.89	15.19	14.91	14.81		
20	64QAM	50	50	14.92	15.12	14.94	14.83		
20	64QAM	100	0	14.86	15.17	14.85	14.82		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	14.82	15.10	15.00	14.85	16	0
15	QPSK	1	37	14.97	14.95	14.88	14.93		
15	QPSK	1	74	14.82	14.72	14.76	15.09		
15	QPSK	36	0	14.96	15.19	14.72	15.01	16	0
15	QPSK	36	20	14.79	14.98	14.71	14.72		
15	QPSK	36	39	14.83	14.97	14.75	14.84		
15	QPSK	75	0	15.04	15.01	14.92	14.91		
15	16QAM	1	0	14.92	14.83	14.71	14.80	16	0
15	16QAM	1	37	14.96	14.99	14.72	15.08		
15	16QAM	1	74	14.81	15.02	14.84	15.08		
15	16QAM	36	0	14.85	15.10	14.71	14.93	16	0
15	16QAM	36	20	14.77	14.97	14.89	14.90		
15	16QAM	36	39	14.99	14.93	14.92	15.01		
15	16QAM	75	0	14.96	14.96	14.78	14.71		
15	64QAM	1	0	14.87	15.10	14.95	14.88	16	0
15	64QAM	1	37	14.84	15.18	14.86	14.80		
15	64QAM	1	74	14.79	15.16	14.95	14.85		
15	64QAM	36	0	14.84	15.07	14.88	14.95	16	0
15	64QAM	36	20	14.92	15.16	14.90	14.82		
15	64QAM	36	39	14.80	15.15	14.96	14.97		
15	64QAM	75	0	14.78	15.06	14.84	14.90		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	14.82	15.03	14.89	14.91	16	0
10	QPSK	1	25	14.86	14.91	14.81	14.97		
10	QPSK	1	49	14.98	14.75	14.73	14.98		
10	QPSK	25	0	15.11	15.17	14.86	15.01	16	0
10	QPSK	25	12	14.89	15.00	14.75	14.93		
10	QPSK	25	25	14.91	15.09	14.72	14.89		
10	QPSK	50	0	14.87	15.09	14.98	14.93		
10	16QAM	1	0	14.81	14.86	14.75	14.80	16	0
10	16QAM	1	25	14.84	14.91	14.66	15.10		
10	16QAM	1	49	14.85	15.00	15.01	14.93		
10	16QAM	25	0	15.09	15.12	14.82	15.03	16	0
10	16QAM	25	12	14.87	15.09	14.84	14.76		
10	16QAM	25	25	14.85	15.02	15.05	15.01		
10	16QAM	50	0	15.08	14.90	14.70	14.72		
10	64QAM	1	0	14.94	15.17	14.86	14.87	16	0
10	64QAM	1	25	14.83	15.15	14.95	14.81		
10	64QAM	1	49	14.96	15.19	14.97	14.85		
10	64QAM	25	0	14.87	15.20	14.90	14.81	16	0
10	64QAM	25	12	14.82	15.16	14.95	14.92		
10	64QAM	25	25	14.82	15.15	14.93	14.84		
10	64QAM	50	0	14.90	15.08	14.95	14.88		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	14.97	15.14	14.93	14.80	16	0
5	QPSK	1	12	14.83	15.00	14.90	15.05		
5	QPSK	1	24	14.91	14.84	14.80	15.06		
5	QPSK	12	0	14.98	14.98	14.75	14.93	16	0
5	QPSK	12	7	14.99	15.02	14.65	14.79		
5	QPSK	12	13	14.96	14.98	14.80	14.98		
5	QPSK	25	0	14.93	15.12	14.91	14.99		
5	16QAM	1	0	14.86	14.83	14.60	14.92	16	0
5	16QAM	1	12	14.86	14.94	14.74	15.10		
5	16QAM	1	24	14.82	14.90	14.94	15.02		
5	16QAM	12	0	15.07	15.01	14.72	14.89	16	0
5	16QAM	12	7	14.74	15.07	14.84	14.75		
5	16QAM	12	13	14.96	15.02	15.01	15.01		
5	16QAM	25	0	15.09	14.88	14.71	14.69		
5	64QAM	1	0	14.85	15.07	14.88	14.93	16	0
5	64QAM	1	12	14.87	15.06	14.98	14.88		
5	64QAM	1	24	14.89	15.13	14.87	14.83		
5	64QAM	12	0	14.79	15.10	14.85	14.82	16	0
5	64QAM	12	7	14.79	15.10	14.83	14.93		
5	64QAM	12	13	14.95	15.13	14.84	14.80		
5	64QAM	25	0	14.78	15.17	14.82	14.86		

Band 30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		15.65		16.5	0
10	QPSK	1	25		15.41			
10	QPSK	1	49		15.49			
10	QPSK	25	0		15.62		16.5	0
10	QPSK	25	12		15.52			
10	QPSK	25	25		15.43			
10	QPSK	50	0		15.51			
10	16QAM	1	0		15.56		16.5	0
10	16QAM	1	25		15.49			
10	16QAM	1	49		15.39			
10	16QAM	25	0		15.60		16.5	0
10	16QAM	25	12		15.51			
10	16QAM	25	25		15.48			
10	16QAM	50	0		15.41			
10	64QAM	1	0		15.59		16.5	0
10	64QAM	1	25		15.55			
10	64QAM	1	49		15.64			
10	64QAM	25	0		15.61		16.5	0
10	64QAM	25	12		15.62			
10	64QAM	25	25		15.53			
10	64QAM	50	0		15.59			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	15.44	15.52	15.49	16.5	0
5	QPSK	1	12	15.27	15.33	15.29		
5	QPSK	1	24	15.38	15.41	15.45		
5	QPSK	12	0	15.48	15.52	15.58	16.5	0
5	QPSK	12	7	15.39	15.45	15.37		
5	QPSK	12	13	15.31	15.37	15.36		
5	QPSK	25	0	15.38	15.42	15.42		
5	16QAM	1	0	15.58	15.60	15.62	16.5	0
5	16QAM	1	12	15.38	15.45	15.34		
5	16QAM	1	24	15.28	15.34	15.30		
5	16QAM	12	0	15.61	15.63	15.51	16.5	0
5	16QAM	12	7	15.38	15.43	15.45		
5	16QAM	12	13	15.42	15.42	15.38		
5	16QAM	25	0	15.26	15.34	15.34		
5	64QAM	1	0	15.32	15.49	15.37	16.5	0
5	64QAM	1	12	15.30	15.45	15.37		
5	64QAM	1	24	15.30	15.41	15.33		
5	64QAM	12	0	15.38	15.45	15.47	16.5	0
5	64QAM	12	7	15.28	15.40	15.42		
5	64QAM	12	13	15.35	15.36	15.39		
5	64QAM	25	0	15.39	15.47	15.47		

Reduced Power Mode for Sensor on

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.66	16.87	16.71	17.5	0
20	QPSK	1	49	16.57	16.79	16.72		
20	QPSK	1	99	16.56	16.59	16.65		
20	QPSK	50	0	16.64	16.80	16.71	17.5	0
20	QPSK	50	24	16.54	16.68	16.73		
20	QPSK	50	50	16.58	16.65	16.63		
20	QPSK	100	0	16.68	16.79	16.65		
20	16QAM	1	0	16.66	16.72	16.61	17.5	0
20	16QAM	1	49	16.62	16.62	16.66		
20	16QAM	1	99	16.63	16.83	16.72		
20	16QAM	50	0	16.63	16.65	16.65	17.5	0
20	16QAM	50	24	16.61	16.74	16.69		
20	16QAM	50	50	16.66	16.72	16.66		
20	16QAM	100	0	16.49	16.67	16.62		
20	64QAM	1	0	16.48	16.72	16.53	17.5	0
20	64QAM	1	49	16.49	16.75	16.62		
20	64QAM	1	99	16.61	16.80	16.59		
20	64QAM	50	0	16.60	16.76	16.62	17.5	0
20	64QAM	50	24	16.51	16.71	16.63		
20	64QAM	50	50	16.50	16.73	16.61		
20	64QAM	100	0	16.51	16.83	16.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.61	16.82	16.69	17.5	0
15	QPSK	1	37	16.50	16.77	16.68		
15	QPSK	1	74	16.51	16.57	16.62		
15	QPSK	36	0	16.58	16.76	16.64	17.5	0
15	QPSK	36	20	16.47	16.61	16.70		
15	QPSK	36	39	16.53	16.62	16.58		
15	QPSK	75	0	16.64	16.76	16.61		
15	16QAM	1	0	16.61	16.66	16.56	17.5	0
15	16QAM	1	37	16.57	16.56	16.63		
15	16QAM	1	74	16.56	16.77	16.65		
15	16QAM	36	0	16.58	16.62	16.61	17.5	0
15	16QAM	36	20	16.56	16.67	16.62		
15	16QAM	36	39	16.62	16.66	16.59		
15	16QAM	75	0	16.44	16.64	16.54		
15	64QAM	1	0	16.58	16.75	16.58	17.5	0
15	64QAM	1	37	16.61	16.71	16.63		
15	64QAM	1	74	16.49	16.79	16.68		
15	64QAM	36	0	16.53	16.69	16.54	17.5	0
15	64QAM	36	20	16.62	16.73	16.67		
15	64QAM	36	39	16.57	16.78	16.68		
15	64QAM	75	0	16.50	16.72	16.62		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.61	16.80	16.65	17.5	0
10	QPSK	1	25	16.52	16.76	16.69		
10	QPSK	1	49	16.51	16.52	16.58		
10	QPSK	25	0	16.61	16.77	16.66	17.5	0
10	QPSK	25	12	16.49	16.60	16.68		
10	QPSK	25	25	16.52	16.62	16.57		
10	QPSK	50	0	16.65	16.71	16.59		
10	16QAM	1	0	16.58	16.64	16.54	17.5	0
10	16QAM	1	25	16.58	16.59	16.62		
10	16QAM	1	49	16.61	16.77	16.69		
10	16QAM	25	0	16.59	16.58	16.62	17.5	0
10	16QAM	25	12	16.57	16.71	16.62		
10	16QAM	25	25	16.63	16.65	16.62		
10	16QAM	50	0	16.47	16.63	16.60		
10	64QAM	1	0	16.56	16.76	16.62	17.5	0
10	64QAM	1	25	16.50	16.85	16.69		
10	64QAM	1	49	16.56	16.85	16.62		
10	64QAM	25	0	16.55	16.76	16.53	17.5	0
10	64QAM	25	12	16.56	16.80	16.68		
10	64QAM	25	25	16.50	16.75	16.65		
10	64QAM	50	0	16.59	16.86	16.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.63	16.82	16.68	17.5	0
5	QPSK	1	12	16.49	16.72	16.69		
5	QPSK	1	24	16.52	16.54	16.58		
5	QPSK	12	0	16.56	16.72	16.67	17.5	0
5	QPSK	12	7	16.47	16.62	16.68		
5	QPSK	12	13	16.50	16.60	16.60		
5	QPSK	25	0	16.63	16.75	16.62		
5	16QAM	1	0	16.62	16.65	16.59	17.5	0
5	16QAM	1	12	16.58	16.56	16.59		
5	16QAM	1	24	16.58	16.77	16.65		
5	16QAM	12	0	16.61	16.59	16.58	17.5	0
5	16QAM	12	7	16.59	16.68	16.65		
5	16QAM	12	13	16.63	16.65	16.60		
5	16QAM	25	0	16.42	16.59	16.60		
5	64QAM	1	0	16.61	16.77	16.67	17.5	0
5	64QAM	1	12	16.60	16.73	16.62		
5	64QAM	1	24	16.57	16.71	16.69		
5	64QAM	12	0	16.58	16.83	16.60	17.5	0
5	64QAM	12	7	16.53	16.79	16.61		
5	64QAM	12	13	16.50	16.75	16.56		
5	64QAM	25	0	16.55	16.85	16.64		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.61	16.82	16.67	17.5	0
3	QPSK	1	8	16.53	16.77	16.69		
3	QPSK	1	14	16.48	16.56	16.60		
3	QPSK	8	0	16.56	16.77	16.66	17.5	0
3	QPSK	8	4	16.48	16.65	16.71		
3	QPSK	8	7	16.54	16.61	16.56		
3	QPSK	15	0	16.62	16.73	16.62		
3	16QAM	1	0	16.61	16.66	16.56	17.5	0
3	16QAM	1	8	16.60	16.59	16.59		
3	16QAM	1	14	16.61	16.76	16.65		
3	16QAM	8	0	16.59	16.60	16.58	17.5	0
3	16QAM	8	4	16.57	16.67	16.66		
3	16QAM	8	7	16.58	16.69	16.61		
3	16QAM	15	0	16.44	16.63	16.57		
3	64QAM	1	0	16.54	16.82	16.58	17.5	0
3	64QAM	1	8	16.51	16.74	16.55		
3	64QAM	1	14	16.49	16.76	16.56		
3	64QAM	8	0	16.51	16.74	16.66	17.5	0
3	64QAM	8	4	16.61	16.79	16.62		
3	64QAM	8	7	16.48	16.76	16.62		
3	64QAM	15	0	16.62	16.71	16.60		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.59	16.85	16.66	17.5	0
1.4	QPSK	1	3	16.51	16.73	16.70		
1.4	QPSK	1	5	16.48	16.51	16.60		
1.4	QPSK	3	0	16.57	16.78	16.66		
1.4	QPSK	3	1	16.49	16.63	16.68		
1.4	QPSK	3	3	16.55	16.58	16.56		
1.4	QPSK	6	0	16.65	16.75	16.60	17.5	0
1.4	16QAM	1	0	16.58	16.65	16.57	17.5	0
1.4	16QAM	1	3	16.56	16.54	16.64		
1.4	16QAM	1	5	16.60	16.76	16.68		
1.4	16QAM	3	0	16.61	16.61	16.58		
1.4	16QAM	3	1	16.56	16.68	16.66		
1.4	16QAM	3	3	16.59	16.68	16.60		
1.4	16QAM	6	0	16.42	16.61	16.58	17.5	0
1.4	64QAM	1	0	16.56	16.76	16.58	17.5	0
1.4	64QAM	1	3	16.49	16.77	16.57		
1.4	64QAM	1	5	16.49	16.77	16.64		
1.4	64QAM	3	0	16.56	16.77	16.67		
1.4	64QAM	3	1	16.61	16.84	16.61		
1.4	64QAM	3	3	16.59	16.72	16.52		
1.4	64QAM	6	0	16.57	16.71	16.68	17.5	0

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.92	16.12	15.96	16.5	0
20	QPSK	1	49	15.92	16.06	16.04		
20	QPSK	1	99	15.82	16.03	15.92		
20	QPSK	50	0	15.98	16.11	15.99	16.5	0
20	QPSK	50	24	15.88	16.00	15.99		
20	QPSK	50	50	15.80	16.01	15.94		
20	QPSK	100	0	16.00	16.05	16.04		
20	16QAM	1	0	15.88	15.99	16.04	16.5	0
20	16QAM	1	49	15.81	16.02	15.89		
20	16QAM	1	99	15.95	16.07	16.06		
20	16QAM	50	0	15.93	16.01	15.96	16.5	0
20	16QAM	50	24	15.97	16.07	16.00		
20	16QAM	50	50	15.87	15.99	15.96		
20	16QAM	100	0	15.88	16.00	15.90		
20	64QAM	1	0	15.88	16.10	15.95	16.5	0
20	64QAM	1	49	15.80	16.02	15.94		
20	64QAM	1	99	15.91	15.99	15.84		
20	64QAM	50	0	15.75	15.94	15.90	16.5	0
20	64QAM	50	24	15.91	16.03	15.94		
20	64QAM	50	50	15.73	16.09	15.79		
20	64QAM	100	0	15.78	16.01	15.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.86	16.11	15.86	16.5	0
15	QPSK	1	37	15.82	16.05	15.97		
15	QPSK	1	74	15.72	15.94	15.88		
15	QPSK	36	0	15.95	16.02	15.89	16.5	0
15	QPSK	36	20	15.86	15.92	15.95		
15	QPSK	36	39	15.73	15.98	15.85		
15	QPSK	75	0	15.94	16.04	15.94		
15	16QAM	1	0	15.79	15.92	15.94	16.5	0
15	16QAM	1	37	15.80	15.93	15.82		
15	16QAM	1	74	15.86	16.06	15.96		
15	16QAM	36	0	15.88	15.96	15.91	16.5	0
15	16QAM	36	20	15.91	16.06	15.95		
15	16QAM	36	39	15.77	15.99	15.88		
15	16QAM	75	0	15.86	16.01	15.90		
15	64QAM	1	0	15.75	15.98	15.90	16.5	0
15	64QAM	1	37	15.89	15.96	15.87		
15	64QAM	1	74	15.85	16.02	15.92		
15	64QAM	36	0	15.79	15.98	15.84	16.5	0
15	64QAM	36	20	15.81	16.04	15.88		
15	64QAM	36	39	15.77	16.00	15.93		
15	64QAM	75	0	15.78	15.94	15.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.89	16.03	15.87	16.5	0
10	QPSK	1	25	15.89	16.01	16.00		
10	QPSK	1	49	15.81	16.01	15.92		
10	QPSK	25	0	15.96	16.02	15.91	16.5	0
10	QPSK	25	12	15.84	15.92	15.89		
10	QPSK	25	25	15.74	15.98	15.89		
10	QPSK	50	0	15.90	16.04	16.03		
10	16QAM	1	0	15.81	15.95	16.00	16.5	0
10	16QAM	1	25	15.80	15.96	15.90		
10	16QAM	1	49	15.93	16.00	16.01		
10	16QAM	25	0	15.93	15.97	15.92	16.5	0
10	16QAM	25	12	15.97	16.01	15.92		
10	16QAM	25	25	15.79	15.94	15.87		
10	16QAM	50	0	15.78	15.90	15.87		
10	64QAM	1	0	15.79	15.98	15.78	16.5	0
10	64QAM	1	25	15.83	16.03	15.79		
10	64QAM	1	49	15.75	15.96	15.95		
10	64QAM	25	0	15.89	16.05	15.86	16.5	0
10	64QAM	25	12	15.91	15.94	15.79		
10	64QAM	25	25	15.87	15.94	15.87		
10	64QAM	50	0	15.74	16.10	15.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.82	16.10	15.93	16.5	0
5	QPSK	1	12	15.84	15.96	15.99		
5	QPSK	1	24	15.71	16.04	15.93		
5	QPSK	12	0	15.96	16.01	15.92	16.5	0
5	QPSK	12	7	15.86	15.95	15.89		
5	QPSK	12	13	15.76	16.01	15.89		
5	QPSK	25	0	15.92	16.05	15.97		
5	16QAM	1	0	15.79	15.92	16.05	16.5	0
5	16QAM	1	12	15.81	15.96	15.88		
5	16QAM	1	24	15.89	15.99	16.05		
5	16QAM	12	0	15.84	15.91	15.94	16.5	0
5	16QAM	12	7	15.97	16.08	15.95		
5	16QAM	12	13	15.83	15.89	15.89		
5	16QAM	25	0	15.85	15.96	15.80		
5	64QAM	1	0	15.88	16.05	15.80	16.5	0
5	64QAM	1	12	15.74	16.01	15.92		
5	64QAM	1	24	15.76	15.95	15.82		
5	64QAM	12	0	15.86	16.06	15.87	16.5	0
5	64QAM	12	7	15.81	16.00	15.79		
5	64QAM	12	13	15.80	15.97	15.81		
5	64QAM	25	0	15.90	16.11	15.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.87	16.07	15.85	16.5	0
3	QPSK	1	8	15.83	16.02	15.96		
3	QPSK	1	14	15.73	16.02	15.87		
3	QPSK	8	0	15.98	16.03	15.94	16.5	0
3	QPSK	8	4	15.79	16.00	15.97		
3	QPSK	8	7	15.78	15.93	15.88		
3	QPSK	15	0	15.92	15.97	15.98		
3	16QAM	1	0	15.88	15.99	15.98	16.5	0
3	16QAM	1	8	15.72	15.93	15.85		
3	16QAM	1	14	15.91	16.03	16.07		
3	16QAM	8	0	15.86	15.93	15.89	16.5	0
3	16QAM	8	4	15.97	15.99	15.89		
3	16QAM	8	7	15.86	15.97	15.93		
3	16QAM	15	0	15.89	15.90	15.83		
3	64QAM	1	0	15.84	16.03	15.81	16.5	0
3	64QAM	1	8	15.74	16.09	15.85		
3	64QAM	1	14	15.90	16.08	15.79		
3	64QAM	8	0	15.74	16.08	15.90	16.5	0
3	64QAM	8	4	15.77	16.08	15.84		
3	64QAM	8	7	15.74	16.07	15.84		
3	64QAM	15	0	15.81	15.96	15.84		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.85	16.07	15.87	16.5	0
1.4	QPSK	1	3	15.82	15.98	15.97		
1.4	QPSK	1	5	15.75	15.94	15.89		
1.4	QPSK	3	0	15.92	16.06	15.89		
1.4	QPSK	3	1	15.86	15.97	15.88		
1.4	QPSK	3	3	15.73	16.00	15.89		
1.4	QPSK	6	0	15.94	15.95	16.03	16.5	0
1.4	16QAM	1	0	15.85	15.98	16.03	16.5	0
1.4	16QAM	1	3	15.78	15.95	15.84		
1.4	16QAM	1	5	15.85	16.03	15.96		
1.4	16QAM	3	0	15.84	16.00	15.95		
1.4	16QAM	3	1	15.92	16.04	15.92		
1.4	16QAM	3	3	15.87	15.91	15.97		
1.4	16QAM	6	0	15.81	15.91	15.91	16.5	0
1.4	64QAM	1	0	15.88	16.01	15.79	16.5	0
1.4	64QAM	1	3	15.80	15.97	15.88		
1.4	64QAM	1	5	15.88	16.07	15.80		
1.4	64QAM	3	0	15.81	15.97	15.83		
1.4	64QAM	3	1	15.74	16.05	15.87		
1.4	64QAM	3	3	15.87	15.99	15.93		
1.4	64QAM	6	0	15.86	16.03	15.78	16.5	0

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	23.76	23.98	23.90	25	0
10	QPSK	1	25	23.74	23.85	23.78		
10	QPSK	1	49	23.69	23.77	23.75		
10	QPSK	25	0	22.98	22.96	22.98	24	1
10	QPSK	25	12	22.81	22.96	22.76		
10	QPSK	25	25	22.90	22.84	22.80		
10	QPSK	50	0	22.75	22.95	22.94		
10	16QAM	1	0	23.02	23.09	22.98	24	1
10	16QAM	1	25	23.00	22.97	22.93		
10	16QAM	1	49	22.89	22.89	22.93		
10	16QAM	25	0	21.91	22.06	21.92	23	2
10	16QAM	25	12	21.86	21.86	21.85		
10	16QAM	25	25	21.81	21.95	21.88		
10	16QAM	50	0	21.73	21.93	21.82		
10	64QAM	1	0	21.68	21.93	21.82	23	2
10	64QAM	1	25	21.85	21.98	21.97		
10	64QAM	1	49	21.84	21.89	21.99		
10	64QAM	25	0	20.78	20.90	20.90	22	3
10	64QAM	25	12	20.83	21.05	20.88		
10	64QAM	25	25	20.79	20.90	20.95		
10	64QAM	50	0	20.76	20.98	20.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.71	23.95	23.78	25	0
5	QPSK	1	12	23.64	23.75	23.72		
5	QPSK	1	24	23.56	23.71	23.69		
5	QPSK	12	0	22.93	22.87	22.92	24	1
5	QPSK	12	7	22.76	22.82	22.65		
5	QPSK	12	13	22.78	22.70	22.75		
5	QPSK	25	0	22.68	22.87	22.87		
5	16QAM	1	0	22.98	23.04	22.86	24	1
5	16QAM	1	12	22.95	22.93	22.81		
5	16QAM	1	24	22.75	22.80	22.80		
5	16QAM	12	0	21.79	21.93	21.85	23	2
5	16QAM	12	7	21.82	21.78	21.81		
5	16QAM	12	13	21.68	21.81	21.84		
5	16QAM	25	0	21.65	21.78	21.68		
5	64QAM	1	0	21.78	21.91	21.99	23	2
5	64QAM	1	12	21.85	21.94	21.97		
5	64QAM	1	24	21.79	21.95	21.83		
5	64QAM	12	0	20.78	20.91	20.87	22	3
5	64QAM	12	7	20.69	20.96	20.85		
5	64QAM	12	13	20.76	21.02	20.98		
5	64QAM	25	0	20.78	20.93	20.86		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.70	23.86	23.78	25	0
3	QPSK	1	8	23.65	23.70	23.66		
3	QPSK	1	14	23.55	23.64	23.68		
3	QPSK	8	0	22.88	22.93	22.94	24	1
3	QPSK	8	4	22.70	22.91	22.70		
3	QPSK	8	7	22.77	22.72	22.73		
3	QPSK	15	0	22.62	22.92	22.89		
3	16QAM	1	0	22.93	22.94	22.95	24	1
3	16QAM	1	8	22.94	22.82	22.90		
3	16QAM	1	14	22.81	22.78	22.90		
3	16QAM	8	0	21.86	21.99	21.89	23	2
3	16QAM	8	4	21.74	21.73	21.72		
3	16QAM	8	7	21.68	21.82	21.78		
3	16QAM	15	0	21.66	21.82	21.75		
3	64QAM	1	0	21.76	22.00	21.90	23	2
3	64QAM	1	8	21.84	22.04	21.94		
3	64QAM	1	14	21.75	22.03	21.84		
3	64QAM	8	0	20.70	21.04	20.91	22	3
3	64QAM	8	4	20.71	21.03	20.86		
3	64QAM	8	7	20.81	21.00	20.89		
3	64QAM	15	0	20.79	20.97	20.84		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.66	23.93	23.84	25	0
1.4	QPSK	1	3	23.61	23.72	23.72		
1.4	QPSK	1	5	23.60	23.64	23.61		
1.4	QPSK	3	0	23.61	23.88	23.84		
1.4	QPSK	3	1	23.62	23.76	23.73		
1.4	QPSK	3	3	23.60	23.64	23.61		
1.4	QPSK	6	0	22.91	22.92	22.95	24	1
1.4	16QAM	1	0	22.73	22.85	22.72	24	1
1.4	16QAM	1	3	22.85	22.76	22.67		
1.4	16QAM	1	5	22.71	22.87	22.83		
1.4	16QAM	3	0	22.92	22.96	22.89		
1.4	16QAM	3	1	22.95	22.84	22.82		
1.4	16QAM	3	3	22.78	22.85	22.83		
1.4	16QAM	6	0	21.85	22.00	21.85	23	2
1.4	64QAM	1	0	21.71	21.93	21.95	23	2
1.4	64QAM	1	3	21.73	22.03	21.84		
1.4	64QAM	1	5	21.73	21.99	21.83		
1.4	64QAM	3	0	21.80	21.91	21.85		
1.4	64QAM	3	1	21.70	22.06	21.90		
1.4	64QAM	3	3	21.82	22.03	21.91		
1.4	64QAM	6	0	20.68	21.05	20.91	22	3

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.97	14.25	14.14	14.5	0
20	QPSK	1	49	13.94	14.05	14.04		
20	QPSK	1	99	13.97	13.91	13.95		
20	QPSK	50	0	14.05	14.20	14.12	14.5	0
20	QPSK	50	24	14.02	14.00	14.08		
20	QPSK	50	50	14.00	13.94	14.04		
20	QPSK	100	0	13.92	14.01	14.02		
20	16QAM	1	0	14.00	14.23	14.11	14.5	0
20	16QAM	1	49	13.93	14.10	14.02		
20	16QAM	1	99	13.96	13.95	13.97		
20	16QAM	50	0	13.95	14.21	14.10	14.5	0
20	16QAM	50	24	13.99	14.10	14.04		
20	16QAM	50	50	13.92	13.96	14.01		
20	16QAM	100	0	13.97	14.03	14.04		
20	64QAM	1	0	13.90	14.22	13.96	14.5	0
20	64QAM	1	49	13.91	14.23	14.08		
20	64QAM	1	99	13.88	14.18	14.11		
20	64QAM	50	0	13.85	14.20	14.08	14.5	0
20	64QAM	50	24	13.81	14.21	14.12		
20	64QAM	50	50	13.96	14.14	14.01		
20	64QAM	100	0	13.84	14.09	14.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.89	14.20	14.12	14.5	0
15	QPSK	1	37	13.86	13.98	14.00		
15	QPSK	1	74	13.87	13.84	13.87		
15	QPSK	36	0	13.96	14.13	14.02	14.5	0
15	QPSK	36	20	13.99	13.93	14.06		
15	QPSK	36	39	13.91	13.88	13.98		
15	QPSK	75	0	13.82	13.98	13.94		
15	16QAM	1	0	13.91	14.13	14.01	14.5	0
15	16QAM	1	37	13.84	14.02	13.96		
15	16QAM	1	74	13.91	13.92	13.92		
15	16QAM	36	0	13.88	14.17	14.03	14.5	0
15	16QAM	36	20	13.91	14.06	13.96		
15	16QAM	36	39	13.87	13.88	13.95		
15	16QAM	75	0	13.88	14.00	14.00		
15	64QAM	1	0	13.81	14.12	14.03	14.5	0
15	64QAM	1	37	13.85	14.13	13.98		
15	64QAM	1	74	13.80	14.22	14.11		
15	64QAM	36	0	13.88	14.11	13.99	14.5	0
15	64QAM	36	20	13.93	14.17	14.04		
15	64QAM	36	39	13.78	14.24	14.01		
15	64QAM	75	0	13.92	14.11	14.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.90	14.18	14.07	14.5	0
10	QPSK	1	25	13.86	13.97	14.01		
10	QPSK	1	49	13.91	13.84	13.86		
10	QPSK	25	0	14.02	14.11	14.08	14.5	0
10	QPSK	25	12	13.99	13.90	14.03		
10	QPSK	25	25	13.96	13.86	14.01		
10	QPSK	50	0	13.87	13.99	13.96		
10	16QAM	1	0	13.93	14.15	14.03	14.5	0
10	16QAM	1	25	13.88	14.02	13.97		
10	16QAM	1	49	13.93	13.90	13.90		
10	16QAM	25	0	13.90	14.13	14.02	14.5	0
10	16QAM	25	12	13.91	14.02	13.98		
10	16QAM	25	25	13.87	13.89	13.99		
10	16QAM	50	0	13.94	13.97	13.98		
10	64QAM	1	0	13.81	14.07	14.08	14.5	0
10	64QAM	1	25	13.87	14.15	14.05		
10	64QAM	1	49	13.88	14.12	14.04		
10	64QAM	25	0	13.88	14.11	14.11	14.5	0
10	64QAM	25	12	13.83	14.10	13.98		
10	64QAM	25	25	13.81	14.13	13.96		
10	64QAM	50	0	13.88	14.19	13.97		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.87	14.21	14.07	14.5	0
5	QPSK	1	12	13.92	13.98	14.01		
5	QPSK	1	24	13.93	13.87	13.85		
5	QPSK	12	0	13.98	14.15	14.03	14.5	0
5	QPSK	12	7	13.94	13.97	14.00		
5	QPSK	12	13	13.95	13.86	13.97		
5	QPSK	25	0	13.87	13.92	13.98		
5	16QAM	1	0	13.94	14.17	14.05	14.5	0
5	16QAM	1	12	13.87	14.05	13.95		
5	16QAM	1	24	13.86	13.92	13.94		
5	16QAM	12	0	13.88	14.14	14.06	14.5	0
5	16QAM	12	7	13.93	14.02	13.95		
5	16QAM	12	13	13.82	13.94	13.96		
5	16QAM	25	0	13.88	13.98	13.97		
5	64QAM	1	0	13.85	14.17	14.05	14.5	0
5	64QAM	1	12	13.82	14.18	14.06		
5	64QAM	1	24	13.92	14.16	14.09		
5	64QAM	12	0	13.91	14.08	13.98	14.5	0
5	64QAM	12	7	13.79	14.24	14.09		
5	64QAM	12	13	13.79	14.09	14.01		
5	64QAM	25	0	13.84	14.20	14.12		

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	22.21	22.63	22.32	23	0
10	QPSK	1	25	22.20	22.24	22.29		
10	QPSK	1	49	22.15	22.16	22.19		
10	QPSK	25	0	22.43	22.32	22.33	23	0
10	QPSK	25	12	22.27	22.34	22.13		
10	QPSK	25	25	22.34	22.23	22.24		
10	QPSK	50	0	22.16	22.46	22.31		
10	16QAM	1	0	22.44	22.45	22.32	23	0
10	16QAM	1	25	22.45	22.38	22.44		
10	16QAM	1	49	22.25	22.36	22.31		
10	16QAM	25	0	21.31	21.47	21.42	22	1
10	16QAM	25	12	21.21	21.32	21.30		
10	16QAM	25	25	21.19	21.35	21.26		
10	16QAM	50	0	21.13	21.40	21.16		
10	64QAM	1	0	21.25	21.57	21.40	22	1
10	64QAM	1	25	21.23	21.68	21.24		
10	64QAM	1	49	21.22	21.67	21.27		
10	64QAM	25	0	20.20	20.66	20.29	21	2
10	64QAM	25	12	20.23	20.58	20.27		
10	64QAM	25	25	20.26	20.57	20.38		
10	64QAM	50	0	20.24	20.60	20.33		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.26	22.38	22.30	23	0
5	QPSK	1	12	22.20	22.28	22.27		
5	QPSK	1	24	22.12	22.19	22.15		
5	QPSK	12	0	22.35	22.28	22.30	23	0
5	QPSK	12	7	22.19	22.26	21.99		
5	QPSK	12	13	22.21	22.11	22.21		
5	QPSK	25	0	22.11	22.43	22.22		
5	16QAM	1	0	22.37	22.40	22.21	23	0
5	16QAM	1	12	22.30	22.35	22.37		
5	16QAM	1	24	22.11	22.30	22.23		
5	16QAM	12	0	21.28	21.42	21.37	22	1
5	16QAM	12	7	21.09	21.21	21.27		
5	16QAM	12	13	21.08	21.27	21.13		
5	16QAM	25	0	21.02	21.35	21.11		
5	64QAM	1	0	21.19	21.59	21.36	22	1
5	64QAM	1	12	21.23	21.69	21.32		
5	64QAM	1	24	21.22	21.59	21.27		
5	64QAM	12	0	20.21	20.56	20.39	21	2
5	64QAM	12	7	20.29	20.55	20.28		
5	64QAM	12	13	20.22	20.55	20.34		
5	64QAM	25	0	20.20	20.56	20.41		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.27	22.38	22.34	23	0
3	QPSK	1	8	22.15	22.27	22.28		
3	QPSK	1	14	22.18	22.20	22.21		
3	QPSK	8	0	22.36	22.20	22.28	23	0
3	QPSK	8	4	22.23	22.26	22.01		
3	QPSK	8	7	22.22	22.17	22.09		
3	QPSK	15	0	22.02	22.40	22.27		
3	16QAM	1	0	22.38	22.43	22.20	23	0
3	16QAM	1	8	22.39	22.24	22.34		
3	16QAM	1	14	22.13	22.28	22.27		
3	16QAM	8	0	21.26	21.44	21.30	22	1
3	16QAM	8	4	21.12	21.20	21.22		
3	16QAM	8	7	21.15	21.25	21.19		
3	16QAM	15	0	21.02	21.33	21.13		
3	64QAM	1	0	21.24	21.61	21.35	22	1
3	64QAM	1	8	21.17	21.56	21.31		
3	64QAM	1	14	21.24	21.67	21.38		
3	64QAM	8	0	20.18	20.62	20.26	21	2
3	64QAM	8	4	20.18	20.57	20.33		
3	64QAM	8	7	20.22	20.54	20.41		
3	64QAM	15	0	20.19	20.67	20.40		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.19	22.45	22.34	23	0
1.4	QPSK	1	3	22.19	22.29	22.27		
1.4	QPSK	1	5	22.12	22.19	22.20		
1.4	QPSK	3	0	22.20	22.41	22.34		
1.4	QPSK	3	1	22.15	22.28	22.26		
1.4	QPSK	3	3	22.11	22.19	22.14		
1.4	QPSK	6	0	22.37	22.26	22.28	23	0
1.4	16QAM	1	0	22.24	22.25	22.08	23	0
1.4	16QAM	1	3	22.27	22.12	22.11		
1.4	16QAM	1	5	22.05	22.39	22.27		
1.4	16QAM	3	0	22.38	22.38	22.22		
1.4	16QAM	3	1	22.36	22.29	22.40		
1.4	16QAM	3	3	22.18	22.32	22.26		
1.4	16QAM	6	0	21.18	21.43	21.29	22	1
1.4	64QAM	1	0	21.30	21.70	21.36	22	1
1.4	64QAM	1	3	21.20	21.56	21.27		
1.4	64QAM	1	5	21.24	21.54	21.38		
1.4	64QAM	3	0	21.26	21.68	21.26		
1.4	64QAM	3	1	21.21	21.65	21.39		
1.4	64QAM	3	3	21.22	21.61	21.37		
1.4	64QAM	6	0	20.17	20.64	20.29	21	2

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		22.83		23.5	0
10	QPSK	1	25		22.64			
10	QPSK	1	49		22.60			
10	QPSK	25	0		22.28		23	0.5
10	QPSK	25	12		22.20			
10	QPSK	25	25		22.10			
10	QPSK	50	0		22.42			
10	16QAM	1	0		22.38		23	0.5
10	16QAM	1	25		22.25			
10	16QAM	1	49		22.22			
10	16QAM	25	0		21.44		22	1.5
10	16QAM	25	12		21.26			
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.35			
10	64QAM	1	0		21.27		22	1.5
10	64QAM	1	25		21.39			
10	64QAM	1	49		21.37			
10	64QAM	25	0		20.32		21	2.5
10	64QAM	25	12		20.29			
10	64QAM	25	25		20.29			
10	64QAM	50	0		20.34			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.74	22.76	22.72	23.5	0
5	QPSK	1	12	22.69	22.75	22.68		
5	QPSK	1	24	22.48	22.53	22.44		
5	QPSK	12	0	22.14	22.26	22.13	23	0.5
5	QPSK	12	7	22.08	22.22	22.12		
5	QPSK	12	13	22.05	22.13	22.10		
5	QPSK	25	0	22.34	22.39	22.26		
5	16QAM	1	0	22.23	22.34	22.30	23	0.5
5	16QAM	1	12	22.20	22.26	22.20		
5	16QAM	1	24	22.17	22.27	22.19		
5	16QAM	12	0	21.20	21.34	21.24	22	1.5
5	16QAM	12	7	21.16	21.25	21.17		
5	16QAM	12	13	21.14	21.21	21.15		
5	16QAM	25	0	21.26	21.35	21.21		
5	64QAM	1	0	21.20	21.20	21.19	22	1.5
5	64QAM	1	12	21.32	21.28	21.30		
5	64QAM	1	24	21.26	21.25	21.29		
5	64QAM	12	0	20.17	20.32	20.17	21	2.5
5	64QAM	12	7	20.19	20.30	20.16		
5	64QAM	12	13	20.29	20.19	20.20		
5	64QAM	25	0	20.31	20.34	20.30		

Band 14 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.27		24	0
10	QPSK	1	25		23.15			
10	QPSK	1	49		23.13			
10	QPSK	25	0		22.75		23.5	0.5
10	QPSK	25	12		22.71			
10	QPSK	25	25		22.64			
10	QPSK	50	0		22.70			
10	16QAM	1	0		22.80		23.5	0.5
10	16QAM	1	25		22.82			
10	16QAM	1	49		22.77			
10	16QAM	25	0		21.85		22.5	1.5
10	16QAM	25	12		21.77			
10	16QAM	25	25		21.70			
10	16QAM	50	0		21.68			
10	64QAM	1	0		21.85		22.5	1.5
10	64QAM	1	25		21.73			
10	64QAM	1	49		21.78			
10	64QAM	25	0		20.84		21.5	2.5
10	64QAM	25	12		20.73			
10	64QAM	25	25		20.71			
10	64QAM	50	0		20.71			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	23.20	23.23	23.24	24	0
5	QPSK	1	12	23.15	23.21	23.23		
5	QPSK	1	24	23.10	23.10	23.10		
5	QPSK	12	0	22.84	22.82	22.74	23.5	0.5
5	QPSK	12	7	22.72	22.73	22.76		
5	QPSK	12	13	22.67	22.68	22.66		
5	QPSK	25	0	22.70	22.76	22.69		
5	16QAM	1	0	22.89	22.81	22.81	23.5	0.5
5	16QAM	1	12	22.80	22.73	22.83		
5	16QAM	1	24	22.78	22.78	22.72		
5	16QAM	12	0	21.76	21.82	21.78	22.5	1.5
5	16QAM	12	7	21.73	21.75	21.76		
5	16QAM	12	13	21.79	21.75	21.79		
5	16QAM	25	0	21.69	21.75	21.74		
5	64QAM	1	0	21.66	21.71	21.80	22.5	1.5
5	64QAM	1	12	21.64	21.74	21.70		
5	64QAM	1	24	21.77	21.69	21.71		
5	64QAM	12	0	20.77	20.73	20.72	21.5	2.5
5	64QAM	12	7	20.75	20.79	20.77		
5	64QAM	12	13	20.77	20.69	20.72		
5	64QAM	25	0	20.66	20.70	20.66		

Band 25 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.77	16.88	16.76	17.5	0
20	QPSK	1	49	16.56	16.73	16.73		
20	QPSK	1	99	16.54	16.71	16.58		
20	QPSK	50	0	16.72	16.85	16.74	17.5	0
20	QPSK	50	24	16.57	16.78	16.74		
20	QPSK	50	50	16.63	16.73	16.59		
20	QPSK	100	0	16.65	16.80	16.74		
20	16QAM	1	0	16.79	16.86	16.84	17.5	0
20	16QAM	1	49	16.61	16.81	16.67		
20	16QAM	1	99	16.63	16.76	16.60		
20	16QAM	50	0	16.73	16.87	16.79	17.5	0
20	16QAM	50	24	16.57	16.79	16.63		
20	16QAM	50	50	16.52	16.77	16.61		
20	16QAM	100	0	16.61	16.70	16.63		
20	64QAM	1	0	16.58	16.69	16.75	17.5	0
20	64QAM	1	49	16.66	16.83	16.65		
20	64QAM	1	99	16.62	16.79	16.72		
20	64QAM	50	0	16.59	16.73	16.68	17.5	0
20	64QAM	50	24	16.62	16.71	16.64		
20	64QAM	50	50	16.75	16.82	16.66		
20	64QAM	100	0	16.62	16.78	16.64		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.68	16.83	16.72	17.5	0
15	QPSK	1	37	16.49	16.71	16.68		
15	QPSK	1	74	16.46	16.67	16.52		
15	QPSK	36	0	16.64	16.81	16.64	17.5	0
15	QPSK	36	20	16.49	16.71	16.72		
15	QPSK	36	39	16.56	16.69	16.49		
15	QPSK	75	0	16.56	16.77	16.66		
15	16QAM	1	0	16.71	16.81	16.82	17.5	0
15	16QAM	1	37	16.58	16.74	16.58		
15	16QAM	1	74	16.53	16.72	16.56		
15	16QAM	36	0	16.69	16.82	16.74	17.5	0
15	16QAM	36	20	16.52	16.74	16.55		
15	16QAM	36	39	16.48	16.72	16.56		
15	16QAM	75	0	16.55	16.65	16.58		
15	64QAM	1	0	16.69	16.78	16.73	17.5	0
15	64QAM	1	37	16.74	16.85	16.72		
15	64QAM	1	74	16.61	16.77	16.67		
15	64QAM	36	0	16.65	16.72	16.70	17.5	0
15	64QAM	36	20	16.64	16.85	16.74		
15	64QAM	36	39	16.71	16.85	16.74		
15	64QAM	75	0	16.63	16.82	16.69		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.74	16.78	16.74	17.5	0
10	QPSK	1	25	16.47	16.63	16.71		
10	QPSK	1	49	16.44	16.62	16.54		
10	QPSK	25	0	16.69	16.76	16.70	17.5	0
10	QPSK	25	12	16.49	16.73	16.67		
10	QPSK	25	25	16.57	16.68	16.50		
10	QPSK	50	0	16.59	16.75	16.65		
10	16QAM	1	0	16.73	16.78	16.80	17.5	0
10	16QAM	1	25	16.55	16.71	16.60		
10	16QAM	1	49	16.60	16.72	16.54		
10	16QAM	25	0	16.69	16.79	16.75	17.5	0
10	16QAM	25	12	16.52	16.71	16.55		
10	16QAM	25	25	16.48	16.68	16.52		
10	16QAM	50	0	16.57	16.65	16.57		
10	64QAM	1	0	16.60	16.72	16.71	17.5	0
10	64QAM	1	25	16.70	16.86	16.58		
10	64QAM	1	49	16.70	16.86	16.66		
10	64QAM	25	0	16.71	16.77	16.62	17.5	0
10	64QAM	25	12	16.72	16.81	16.73		
10	64QAM	25	25	16.69	16.71	16.73		
10	64QAM	50	0	16.71	16.78	16.62		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.67	16.80	16.66	17.5	0
5	QPSK	1	12	16.52	16.66	16.66		
5	QPSK	1	24	16.51	16.63	16.48		
5	QPSK	12	0	16.64	16.77	16.65	17.5	0
5	QPSK	12	7	16.50	16.68	16.71		
5	QPSK	12	13	16.55	16.68	16.50		
5	QPSK	25	0	16.62	16.77	16.70		
5	16QAM	1	0	16.74	16.82	16.78	17.5	0
5	16QAM	1	12	16.52	16.72	16.63		
5	16QAM	1	24	16.59	16.69	16.56		
5	16QAM	12	0	16.68	16.80	16.76	17.5	0
5	16QAM	12	7	16.52	16.69	16.60		
5	16QAM	12	13	16.45	16.75	16.55		
5	16QAM	25	0	16.55	16.63	16.55		
5	64QAM	1	0	16.74	16.72	16.62	17.5	0
5	64QAM	1	12	16.64	16.69	16.70		
5	64QAM	1	24	16.76	16.72	16.70		
5	64QAM	12	0	16.73	16.79	16.67	17.5	0
5	64QAM	12	7	16.60	16.80	16.63		
5	64QAM	12	13	16.60	16.76	16.63		
5	64QAM	25	0	16.64	16.74	16.62		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.68	16.79	16.71	17.5	0
3	QPSK	1	8	16.48	16.68	16.69		
3	QPSK	1	14	16.47	16.64	16.49		
3	QPSK	8	0	16.66	16.80	16.66	17.5	0
3	QPSK	8	4	16.50	16.70	16.68		
3	QPSK	8	7	16.56	16.66	16.55		
3	QPSK	15	0	16.59	16.71	16.69		
3	16QAM	1	0	16.72	16.76	16.80	17.5	0
3	16QAM	1	8	16.57	16.71	16.65		
3	16QAM	1	14	16.60	16.72	16.55		
3	16QAM	8	0	16.65	16.77	16.71	17.5	0
3	16QAM	8	4	16.52	16.70	16.59		
3	16QAM	8	7	16.46	16.67	16.58		
3	16QAM	15	0	16.57	16.67	16.57		
3	64QAM	1	0	16.58	16.78	16.70	17.5	0
3	64QAM	1	8	16.70	16.78	16.74		
3	64QAM	1	14	16.70	16.74	16.58		
3	64QAM	8	0	16.66	16.78	16.65	17.5	0
3	64QAM	8	4	16.75	16.80	16.74		
3	64QAM	8	7	16.61	16.75	16.74		
3	64QAM	15	0	16.73	16.85	16.66		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.72	16.82	16.70	17.5	0
1.4	QPSK	1	3	16.50	16.70	16.65		
1.4	QPSK	1	5	16.51	16.66	16.55		
1.4	QPSK	3	0	16.68	16.83	16.66		
1.4	QPSK	3	1	16.53	16.76	16.68		
1.4	QPSK	3	3	16.57	16.71	16.54		
1.4	QPSK	6	0	16.58	16.72	16.70	17.5	0
1.4	16QAM	1	0	16.77	16.84	16.75	17.5	0
1.4	16QAM	1	3	16.57	16.77	16.60		
1.4	16QAM	1	5	16.59	16.73	16.58		
1.4	16QAM	3	0	16.70	16.83	16.71		
1.4	16QAM	3	1	16.50	16.73	16.56		
1.4	16QAM	3	3	16.48	16.67	16.57		
1.4	16QAM	6	0	16.52	16.62	16.59	17.5	0
1.4	64QAM	1	0	16.75	16.81	16.72	17.5	0
1.4	64QAM	1	3	16.73	16.82	16.60		
1.4	64QAM	1	5	16.71	16.83	16.64		
1.4	64QAM	3	0	16.60	16.73	16.62		
1.4	64QAM	3	1	16.60	16.71	16.72		
1.4	64QAM	3	3	16.73	16.84	16.70		
1.4	64QAM	6	0	16.58	16.70	16.72	17.5	0

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	23.84	24.01	23.90	25	0
15	QPSK	1	37	23.77	23.84	23.87		
15	QPSK	1	74	23.71	23.85	23.78		
15	QPSK	36	0	22.96	23.02	22.92	24	1
15	QPSK	36	20	22.79	22.95	22.77		
15	QPSK	36	39	22.85	22.95	22.87		
15	QPSK	75	0	22.87	22.98	22.91		
15	16QAM	1	0	22.96	23.00	22.92	24	1
15	16QAM	1	37	22.95	22.98	22.96		
15	16QAM	1	74	22.92	22.99	22.94		
15	16QAM	36	0	21.92	22.01	21.85	23	2
15	16QAM	36	20	21.88	21.85	21.87		
15	16QAM	36	39	21.89	21.91	21.90		
15	16QAM	75	0	21.82	21.95	21.87		
15	64QAM	1	0	21.76	22.13	21.98	23	2
15	64QAM	1	37	21.93	21.90	21.89		
15	64QAM	1	74	21.76	21.94	22.02		
15	64QAM	36	0	20.77	20.99	20.81	22	3
15	64QAM	36	20	20.78	21.11	20.82		
15	64QAM	36	39	20.90	20.99	20.89		
15	64QAM	75	0	20.85	21.09	20.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.80	23.94	23.83	25	0
10	QPSK	1	25	23.72	23.76	23.74		
10	QPSK	1	49	23.66	23.77	23.65		
10	QPSK	25	0	22.89	22.95	22.86	24	1
10	QPSK	25	12	22.71	22.86	22.67		
10	QPSK	25	25	22.79	22.89	22.77		
10	QPSK	50	0	22.81	22.88	22.78		
10	16QAM	1	0	22.91	22.88	22.83	24	1
10	16QAM	1	25	22.88	22.93	22.85		
10	16QAM	1	49	22.88	22.86	22.89		
10	16QAM	25	0	21.78	21.89	21.76	23	2
10	16QAM	25	12	21.82	21.73	21.76		
10	16QAM	25	25	21.78	21.80	21.76		
10	16QAM	50	0	21.77	21.84	21.80		
10	64QAM	1	0	21.82	21.96	21.99	23	2
10	64QAM	1	25	21.76	22.01	21.98		
10	64QAM	1	49	21.85	22.11	21.82		
10	64QAM	25	0	20.83	20.92	20.91	22	3
10	64QAM	25	12	20.78	20.94	20.92		
10	64QAM	25	25	20.89	20.96	20.79		
10	64QAM	50	0	20.81	20.90	20.93		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.73	23.88	23.84	25	0
5	QPSK	1	12	23.65	23.79	23.78		
5	QPSK	1	24	23.65	23.73	23.68		
5	QPSK	12	0	22.92	22.96	22.80	24	1
5	QPSK	12	7	22.70	22.81	22.71		
5	QPSK	12	13	22.73	22.87	22.78		
5	QPSK	25	0	22.73	22.93	22.84		
5	16QAM	1	0	22.93	22.94	22.82	24	1
5	16QAM	1	12	22.88	22.95	22.91		
5	16QAM	1	24	22.86	22.91	22.83		
5	16QAM	12	0	21.88	21.91	21.76	23	2
5	16QAM	12	7	21.78	21.73	21.82		
5	16QAM	12	13	21.77	21.79	21.77		
5	16QAM	25	0	21.71	21.81	21.74		
5	64QAM	1	0	21.93	22.02	21.90	23	2
5	64QAM	1	12	21.76	22.07	21.94		
5	64QAM	1	24	21.72	22.06	21.93		
5	64QAM	12	0	20.84	21.08	20.98	22	3
5	64QAM	12	7	20.74	21.09	20.85		
5	64QAM	12	13	20.86	21.02	21.01		
5	64QAM	25	0	20.90	20.94	20.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.81	23.90	23.86	25	0
3	QPSK	1	8	23.66	23.79	23.73		
3	QPSK	1	14	23.64	23.78	23.70		
3	QPSK	8	0	22.82	22.89	22.81	24	1
3	QPSK	8	4	22.70	22.90	22.71		
3	QPSK	8	7	22.72	22.89	22.77		
3	QPSK	15	0	22.76	22.86	22.84		
3	16QAM	1	0	22.85	22.97	22.81	24	1
3	16QAM	1	8	22.91	22.94	22.92		
3	16QAM	1	14	22.88	22.90	22.86		
3	16QAM	8	0	21.84	21.93	21.71	23	2
3	16QAM	8	4	21.80	21.74	21.77		
3	16QAM	8	7	21.85	21.77	21.82		
3	16QAM	15	0	21.78	21.83	21.75		
3	64QAM	1	0	21.73	21.94	21.86	23	2
3	64QAM	1	8	21.79	21.93	21.91		
3	64QAM	1	14	21.93	22.10	21.96		
3	64QAM	8	0	20.89	21.03	20.89	22	3
3	64QAM	8	4	20.82	21.06	20.85		
3	64QAM	8	7	20.74	20.97	21.01		
3	64QAM	15	0	20.72	20.97	20.88		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.71	23.97	23.83	25	0
1.4	QPSK	1	3	23.62	23.78	23.74		
1.4	QPSK	1	5	23.58	23.71	23.69		
1.4	QPSK	3	0	23.73	23.93	23.77		
1.4	QPSK	3	1	23.64	23.78	23.84		
1.4	QPSK	3	3	23.67	23.76	23.68		
1.4	QPSK	6	0	22.92	22.95	22.86	24	1
1.4	16QAM	1	0	22.71	22.87	22.67	24	1
1.4	16QAM	1	3	22.77	22.92	22.79		
1.4	16QAM	1	5	22.82	22.85	22.86		
1.4	16QAM	3	0	22.88	22.94	22.82		
1.4	16QAM	3	1	22.80	22.90	22.90		
1.4	16QAM	3	3	22.87	22.87	22.83		
1.4	16QAM	6	0	21.87	21.97	21.77	23	2
1.4	64QAM	1	0	21.82	22.06	21.98	23	2
1.4	64QAM	1	3	21.88	22.07	21.79		
1.4	64QAM	1	5	21.79	22.10	21.83		
1.4	64QAM	3	0	21.95	22.01	21.94		
1.4	64QAM	3	1	21.94	22.00	21.81		
1.4	64QAM	3	3	21.88	21.98	21.90		
1.4	64QAM	6	0	20.92	20.91	20.91	22	3

Band 66 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.13	16.16	16.06	16.5	0
20	QPSK	1	49	15.96	16.13	16.05		
20	QPSK	1	99	15.91	16.00	15.92		
20	QPSK	50	0	16.12	16.11	16.02	16.5	0
20	QPSK	50	24	15.92	16.07	15.98		
20	QPSK	50	50	15.96	16.07	15.96		
20	QPSK	100	0	15.95	16.10	16.02		
20	16QAM	1	0	15.90	16.08	15.96	16.5	0
20	16QAM	1	49	15.94	16.00	15.92		
20	16QAM	1	99	16.11	16.15	16.01		
20	16QAM	50	0	15.98	16.04	16.00	16.5	0
20	16QAM	50	24	16.06	16.13	16.02		
20	16QAM	50	50	15.93	16.04	16.01		
20	16QAM	100	0	15.94	15.99	15.97		
20	64QAM	1	0	15.96	16.10	15.94	16.5	0
20	64QAM	1	49	15.94	16.10	15.99		
20	64QAM	1	99	15.97	16.07	15.97		
20	64QAM	50	0	16.04	16.11	16.01	16.5	0
20	64QAM	50	24	15.94	15.99	16.03		
20	64QAM	50	50	16.01	16.06	15.93		
20	64QAM	100	0	15.99	16.09	15.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.09	16.09	16.04	16.5	0
15	QPSK	1	37	15.92	16.10	16.00		
15	QPSK	1	74	15.84	15.96	15.87		
15	QPSK	36	0	16.09	16.05	15.99	16.5	0
15	QPSK	36	20	15.85	16.05	15.95		
15	QPSK	36	39	15.88	15.99	15.91		
15	QPSK	75	0	15.89	16.06	15.97		
15	16QAM	1	0	15.80	16.02	15.91	16.5	0
15	16QAM	1	37	15.90	15.97	15.83		
15	16QAM	1	74	16.04	16.11	15.98		
15	16QAM	36	0	15.89	15.95	15.97	16.5	0
15	16QAM	36	20	15.96	16.04	15.94		
15	16QAM	36	39	15.87	15.94	15.95		
15	16QAM	75	0	15.87	15.91	15.89		
15	64QAM	1	0	16.10	16.04	15.91	16.5	0
15	64QAM	1	37	16.07	16.07	16.01		
15	64QAM	1	74	15.99	16.07	16.04		
15	64QAM	36	0	16.10	16.11	15.99	16.5	0
15	64QAM	36	20	16.05	16.08	15.94		
15	64QAM	36	39	15.97	16.05	16.03		
15	64QAM	75	0	15.97	16.11	15.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.10	16.07	16.01	16.5	0
10	QPSK	1	25	15.93	16.07	16.00		
10	QPSK	1	49	15.83	15.94	15.86		
10	QPSK	25	0	16.09	16.04	15.93	16.5	0
10	QPSK	25	12	15.90	16.00	15.92		
10	QPSK	25	25	15.90	15.98	15.87		
10	QPSK	50	0	15.92	16.04	15.93		
10	16QAM	1	0	15.82	16.04	15.89	16.5	0
10	16QAM	1	25	15.90	15.92	15.90		
10	16QAM	1	49	16.05	16.06	15.96		
10	16QAM	25	0	15.91	15.97	15.93	16.5	0
10	16QAM	25	12	15.96	16.10	15.96		
10	16QAM	25	25	15.85	16.01	15.94		
10	16QAM	50	0	15.89	15.93	15.90		
10	64QAM	1	0	16.10	16.11	15.91	16.5	0
10	64QAM	1	25	16.03	16.06	15.98		
10	64QAM	1	49	16.05	16.01	15.88		
10	64QAM	25	0	16.11	16.06	15.92	16.5	0
10	64QAM	25	12	16.10	16.13	16.01		
10	64QAM	25	25	16.01	16.04	15.93		
10	64QAM	50	0	16.04	15.99	16.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.08	16.07	16.03	16.5	0
5	QPSK	1	12	15.89	16.06	16.02		
5	QPSK	1	24	15.83	15.96	15.86		
5	QPSK	12	0	16.04	16.06	15.95	16.5	0
5	QPSK	12	7	15.89	15.97	15.93		
5	QPSK	12	13	15.91	16.04	15.87		
5	QPSK	25	0	15.91	16.01	15.95		
5	16QAM	1	0	15.84	16.05	15.92	16.5	0
5	16QAM	1	12	15.91	15.95	15.86		
5	16QAM	1	24	16.06	16.13	15.96		
5	16QAM	12	0	15.91	16.00	15.95	16.5	0
5	16QAM	12	7	16.02	16.08	15.96		
5	16QAM	12	13	15.85	15.99	15.94		
5	16QAM	25	0	15.88	15.95	15.90		
5	64QAM	1	0	16.11	15.98	15.97	16.5	0
5	64QAM	1	12	16.05	16.06	16.03		
5	64QAM	1	24	16.07	16.07	15.98		
5	64QAM	12	0	16.06	16.01	15.94	16.5	0
5	64QAM	12	7	15.99	15.97	15.99		
5	64QAM	12	13	16.09	16.00	15.90		
5	64QAM	25	0	16.10	16.07	15.96		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.06	16.14	15.96	16.5	0
3	QPSK	1	8	15.91	16.08	16.01		
3	QPSK	1	14	15.83	15.93	15.84		
3	QPSK	8	0	16.07	16.06	15.94	16.5	0
3	QPSK	8	4	15.84	16.01	15.91		
3	QPSK	8	7	15.92	15.98	15.93		
3	QPSK	15	0	15.86	16.06	15.98		
3	16QAM	1	0	15.81	16.05	15.89	16.5	0
3	16QAM	1	8	15.86	15.94	15.84		
3	16QAM	1	14	16.07	16.08	15.94		
3	16QAM	8	0	15.91	15.98	15.93	16.5	0
3	16QAM	8	4	16.02	16.07	15.93		
3	16QAM	8	7	15.84	15.95	15.96		
3	16QAM	15	0	15.87	15.93	15.90		
3	64QAM	1	0	15.98	16.10	16.05	16.5	0
3	64QAM	1	8	16.00	16.08	15.97		
3	64QAM	1	14	16.12	16.07	15.89		
3	64QAM	8	0	16.12	15.98	16.02	16.5	0
3	64QAM	8	4	16.11	15.97	15.96		
3	64QAM	8	7	16.05	16.07	15.91		
3	64QAM	15	0	16.06	16.02	16.00		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.05	16.11	16.00	16.5	0
1.4	QPSK	1	3	15.88	16.05	15.99		
1.4	QPSK	1	5	15.86	15.96	15.85		
1.4	QPSK	3	0	16.04	16.01	15.92		
1.4	QPSK	3	1	15.84	16.05	15.95		
1.4	QPSK	3	3	15.90	16.05	15.88		
1.4	QPSK	6	0	15.85	16.07	15.93	16.5	0
1.4	16QAM	1	0	15.80	16.03	15.90	16.5	0
1.4	16QAM	1	3	15.92	15.91	15.84		
1.4	16QAM	1	5	16.08	16.06	15.98		
1.4	16QAM	3	0	15.92	16.00	15.94		
1.4	16QAM	3	1	15.98	16.09	16.00		
1.4	16QAM	3	3	15.85	16.01	15.97		
1.4	16QAM	6	0	15.89	15.97	15.94	16.5	0
1.4	64QAM	1	0	15.97	16.00	16.03	16.5	0
1.4	64QAM	1	3	16.11	16.03	15.98		
1.4	64QAM	1	5	16.10	16.05	16.04		
1.4	64QAM	3	0	16.09	16.07	15.98		
1.4	64QAM	3	1	16.03	16.11	16.00		
1.4	64QAM	3	3	16.12	16.09	15.91		
1.4	64QAM	6	0	16.07	15.97	15.94	16.5	0

Band 71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	20.94	21.10	20.82	22	0
20	QPSK	1	49	20.73	20.92	20.77		
20	QPSK	1	99	20.71	20.77	20.82		
20	QPSK	50	0	20.89	20.94	20.76	22	0
20	QPSK	50	24	20.81	20.88	20.72		
20	QPSK	50	50	20.70	20.80	20.77		
20	QPSK	100	0	20.79	20.94	20.76		
20	16QAM	1	0	20.87	20.94	20.77	22	0
20	16QAM	1	49	20.81	20.92	20.76		
20	16QAM	1	99	20.65	20.84	20.74		
20	16QAM	50	0	20.94	20.89	20.80	22	0
20	16QAM	50	24	20.75	20.87	20.82		
20	16QAM	50	50	20.66	20.78	20.79		
20	16QAM	100	0	20.74	20.89	20.73		
20	64QAM	1	0	20.76	21.02	20.64	22	0
20	64QAM	1	49	20.91	21.07	20.77		
20	64QAM	1	99	20.78	20.93	20.68		
20	64QAM	50	0	20.91	20.93	20.83	22	0
20	64QAM	50	24	20.88	20.93	20.77		
20	64QAM	50	50	20.85	20.99	20.85		
20	64QAM	100	0	20.93	20.91	20.91		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	20.85	20.91	20.77	22	0
15	QPSK	1	37	20.70	20.88	20.72		
15	QPSK	1	74	20.67	20.71	20.72		
15	QPSK	36	0	20.80	20.86	20.71	22	0
15	QPSK	36	20	20.75	20.81	20.69		
15	QPSK	36	39	20.65	20.73	20.74		
15	QPSK	75	0	20.75	20.88	20.68		
15	16QAM	1	0	20.80	20.88	20.75	22	0
15	16QAM	1	37	20.78	20.90	20.72		
15	16QAM	1	74	20.59	20.77	20.71		
15	16QAM	36	0	20.85	20.86	20.78	22	0
15	16QAM	36	20	20.69	20.78	20.74		
15	16QAM	36	39	20.62	20.74	20.69		
15	16QAM	75	0	20.71	20.79	20.69		
15	64QAM	1	0	20.83	21.00	20.78	22	0
15	64QAM	1	37	20.86	21.00	20.77		
15	64QAM	1	74	20.84	20.99	20.71		
15	64QAM	36	0	20.82	20.95	20.79	22	0
15	64QAM	36	20	20.87	20.96	20.86		
15	64QAM	36	39	20.80	20.83	20.81		
15	64QAM	75	0	20.90	20.90	20.87		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	20.90	20.89	20.73	22	0
10	QPSK	1	25	20.70	20.90	20.70		
10	QPSK	1	49	20.68	20.70	20.76		
10	QPSK	25	0	20.80	20.88	20.72	22	0
10	QPSK	25	12	20.71	20.79	20.64		
10	QPSK	25	25	20.62	20.78	20.69		
10	QPSK	50	0	20.74	20.91	20.70		
10	16QAM	1	0	20.80	20.87	20.73	22	0
10	16QAM	1	25	20.75	20.83	20.68		
10	16QAM	1	49	20.55	20.77	20.65		
10	16QAM	25	0	20.89	20.84	20.78	22	0
10	16QAM	25	12	20.68	20.79	20.75		
10	16QAM	25	25	20.57	20.68	20.76		
10	16QAM	50	0	20.69	20.81	20.69		
10	64QAM	1	0	20.78	21.06	20.81	22	0
10	64QAM	1	25	20.92	20.99	20.66		
10	64QAM	1	49	20.82	20.96	20.80		
10	64QAM	25	0	20.94	20.85	20.86	22	0
10	64QAM	25	12	20.99	20.86	20.89		
10	64QAM	25	25	20.90	20.91	20.90		
10	64QAM	50	0	20.90	20.92	20.83		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	20.91	20.87	20.80	22	0
5	QPSK	1	12	20.68	20.89	20.71		
5	QPSK	1	24	20.63	20.68	20.78		
5	QPSK	12	0	20.81	20.90	20.73	22	0
5	QPSK	12	7	20.78	20.81	20.67		
5	QPSK	12	13	20.67	20.73	20.75		
5	QPSK	25	0	20.77	20.84	20.69		
5	16QAM	1	0	20.81	20.91	20.69	22	0
5	16QAM	1	12	20.77	20.84	20.68		
5	16QAM	1	24	20.62	20.75	20.67		
5	16QAM	12	0	20.86	20.87	20.77	22	0
5	16QAM	12	7	20.66	20.84	20.75		
5	16QAM	12	13	20.59	20.71	20.76		
5	16QAM	25	0	20.64	20.82	20.64		
5	64QAM	1	0	20.86	20.93	20.78	22	0
5	64QAM	1	12	20.92	21.09	20.77		
5	64QAM	1	24	20.80	21.03	20.68		
5	64QAM	12	0	20.93	20.93	20.73	22	0
5	64QAM	12	7	20.99	20.97	20.90		
5	64QAM	12	13	21.00	20.86	20.73		
5	64QAM	25	0	20.94	20.82	20.73		

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.88	18.11	18.09	18.5	0
20	QPSK	1	49	17.71	17.93	18.01		
20	QPSK	1	99	17.79	17.89	17.91		
20	QPSK	50	0	17.88	18.02	17.94	18.5	0
20	QPSK	50	24	17.74	18.04	17.99		
20	QPSK	50	50	17.78	17.87	17.82		
20	QPSK	100	0	17.81	17.95	18.10		
20	16QAM	1	0	17.88	18.04	17.98	18.5	0
20	16QAM	1	49	17.85	17.96	17.87		
20	16QAM	1	99	17.78	17.90	17.82		
20	16QAM	50	0	17.81	17.93	18.04	18.5	0
20	16QAM	50	24	17.86	17.92	18.09		
20	16QAM	50	50	17.80	17.88	17.89		
20	16QAM	100	0	17.78	17.95	18.02		
20	64QAM	1	0	17.84	17.95	17.92	18.5	0
20	64QAM	1	49	17.84	18.08	17.97		
20	64QAM	1	99	17.82	18.05	18.03		
20	64QAM	50	0	17.77	18.04	17.96	18.5	0
20	64QAM	50	24	17.81	17.94	17.93		
20	64QAM	50	50	17.74	17.99	17.95		
20	64QAM	100	0	17.87	18.08	17.95		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.90	18.09	18.01	18.5	0
15	QPSK	1	37	17.76	17.96	18.01		
15	QPSK	1	74	17.75	17.89	17.89		
15	QPSK	36	0	17.89	18.01	17.90	18.5	0
15	QPSK	36	20	17.83	18.02	17.98		
15	QPSK	36	39	17.83	17.86	17.77		
15	QPSK	75	0	17.77	17.88	18.02		
15	16QAM	1	0	17.88	17.98	18.07	18.5	0
15	16QAM	1	37	17.86	17.94	17.88		
15	16QAM	1	74	17.79	17.90	17.80		
15	16QAM	36	0	17.87	18.03	18.02	18.5	0
15	16QAM	36	20	17.84	17.95	18.07		
15	16QAM	36	39	17.84	17.95	18.00		
15	16QAM	75	0	17.78	17.92	17.99		
15	64QAM	1	0	17.73	18.05	17.96	18.5	0
15	64QAM	1	37	17.77	18.02	18.07		
15	64QAM	1	74	17.75	18.02	17.92		
15	64QAM	36	0	17.87	18.06	17.98	18.5	0
15	64QAM	36	20	17.84	17.96	18.02		
15	64QAM	36	39	17.75	18.06	18.03		
15	64QAM	75	0	17.83	17.95	17.93		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.90	18.06	18.06	18.5	0
10	QPSK	1	25	17.76	17.90	18.02		
10	QPSK	1	49	17.77	17.87	17.84		
10	QPSK	25	0	17.91	18.06	17.91	18.5	0
10	QPSK	25	12	17.79	18.07	17.98		
10	QPSK	25	25	17.83	17.87	17.85		
10	QPSK	50	0	17.84	17.95	18.00		
10	16QAM	1	0	17.83	17.97	18.02	18.5	0
10	16QAM	1	25	17.80	17.88	17.87		
10	16QAM	1	49	17.76	17.92	17.83		
10	16QAM	25	0	17.83	17.95	17.98	18.5	0
10	16QAM	25	12	17.88	17.94	18.06		
10	16QAM	25	25	17.79	17.91	17.97		
10	16QAM	50	0	17.71	17.90	18.01		
10	64QAM	1	0	17.73	17.97	18.02	18.5	0
10	64QAM	1	25	17.84	18.08	18.01		
10	64QAM	1	49	17.84	17.95	17.92		
10	64QAM	25	0	17.72	18.00	17.95	18.5	0
10	64QAM	25	12	17.81	18.04	18.03		
10	64QAM	25	25	17.70	17.96	18.03		
10	64QAM	50	0	17.74	18.01	17.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.88	18.06	17.99	18.5	0
5	QPSK	1	12	17.71	18.01	18.10		
5	QPSK	1	24	17.73	17.86	17.89		
5	QPSK	12	0	17.88	18.07	17.95	18.5	0
5	QPSK	12	7	17.78	18.09	17.90		
5	QPSK	12	13	17.85	17.93	17.84		
5	QPSK	25	0	17.78	17.99	18.03		
5	16QAM	1	0	17.92	18.00	18.05	18.5	0
5	16QAM	1	12	17.81	17.89	17.93		
5	16QAM	1	24	17.78	17.97	17.74		
5	16QAM	12	0	17.83	18.00	18.02	18.5	0
5	16QAM	12	7	17.86	17.92	18.02		
5	16QAM	12	13	17.85	17.89	17.96		
5	16QAM	25	0	17.79	17.94	17.99		
5	64QAM	1	0	17.73	18.03	18.05	18.5	0
5	64QAM	1	12	17.73	18.09	17.91		
5	64QAM	1	24	17.73	17.94	18.05		
5	64QAM	12	0	17.83	18.01	17.98	18.5	0
5	64QAM	12	7	17.71	18.08	18.04		
5	64QAM	12	13	17.76	17.94	17.97		
5	64QAM	25	0	17.83	18.02	17.97		

Band 41 HPUE Ant 1

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	19.73	20.02	20.13	20.07	19.83	20.5	0
20	QPSK	1	49	19.71	19.81	20.03	19.85	19.76		
20	QPSK	1	99	19.74	19.85	19.89	19.86	19.83		
20	QPSK	50	0	19.75	19.89	20.11	20.02	19.68	20.5	0
20	QPSK	50	24	19.65	19.81	19.99	20.00	19.75		
20	QPSK	50	50	19.68	19.72	19.83	19.92	19.74		
20	QPSK	100	0	19.76	19.98	20.04	20.02	19.82		
20	16QAM	1	0	19.74	19.93	20.03	19.92	19.76	20.5	0
20	16QAM	1	49	19.64	19.83	20.02	19.94	19.75		
20	16QAM	1	99	19.75	19.76	20.02	19.98	19.75		
20	16QAM	50	0	19.82	19.96	20.01	19.97	19.83	20.5	0
20	16QAM	50	24	19.58	19.81	20.01	19.89	19.83		
20	16QAM	50	50	19.63	19.84	19.82	19.89	19.71		
20	16QAM	100	0	19.75	19.85	19.98	20.07	19.84		
20	64QAM	1	0	19.67	19.85	19.96	19.90	19.70	20.5	0
20	64QAM	1	49	19.56	19.78	19.84	19.75	19.68		
20	64QAM	1	99	19.67	19.64	19.94	19.88	19.67		
20	64QAM	50	0	19.76	19.88	19.89	19.88	19.76	20.5	0
20	64QAM	50	24	19.52	19.76	19.95	19.79	19.77		
20	64QAM	50	50	19.46	19.75	19.75	19.87	19.61		
20	64QAM	100	0	19.64	19.69	19.89	19.93	19.75		
20	256QAM	1	0	19.74	19.63	19.74	19.62	19.57	20.5	0
20	256QAM	1	49	19.67	19.77	19.73	19.66	19.73		
20	256QAM	1	99	19.61	19.52	19.56	19.53	19.66		
20	256QAM	50	0	19.52	19.49	19.52	19.60	19.49	20.5	0
20	256QAM	50	24	19.42	19.46	19.38	19.42	19.45		
20	256QAM	50	50	19.54	19.64	19.54	19.69	19.71		
20	256QAM	100	0	19.60	19.46	19.65	19.49	19.47		
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	19.64	19.95	20.09	19.96	19.76	20.50	0
15	QPSK	1	37	19.63	19.73	19.98	19.82	19.72		
15	QPSK	1	74	19.64	19.76	19.83	19.82	19.74		
15	QPSK	36	0	19.66	19.85	20.04	19.99	19.62	20.5	0
15	QPSK	36	20	19.57	19.71	19.93	19.91	19.67		
15	QPSK	36	39	19.65	19.61	19.77	19.89	19.64		
15	QPSK	75	0	19.71	19.92	19.94	19.94	19.74		
15	16QAM	1	0	19.67	19.82	19.97	19.83	19.65	20.5	0
15	16QAM	1	37	19.53	19.72	19.95	19.85	19.66		
15	16QAM	1	74	19.66	19.68	19.94	19.90	19.71		
15	16QAM	36	0	19.74	19.86	19.90	19.90	19.79	20.5	0
15	16QAM	36	20	19.49	19.78	19.96	19.84	19.80		
15	16QAM	36	39	19.59	19.78	19.76	19.85	19.62		
15	16QAM	75	0	19.69	19.81	19.93	19.97	19.79		
15	64QAM	1	0	19.56	19.80	19.94	19.83	19.65	20.5	0
15	64QAM	1	37	19.55	19.67	19.99	19.77	19.68		
15	64QAM	1	74	19.59	19.68	19.90	19.90	19.68		
15	64QAM	36	0	19.66	19.88	19.91	19.82	19.69	20.5	0
15	64QAM	36	20	19.55	19.63	19.96	19.80	19.68		
15	64QAM	36	39	19.59	19.76	19.70	19.72	19.56		
15	64QAM	75	0	19.67	19.81	19.85	19.96	19.76		
15	256QAM	1	0	19.55	19.66	19.65	19.59	19.70	20.5	0
15	256QAM	1	37	19.78	19.67	19.69	19.70	19.65		
15	256QAM	1	74	19.48	19.61	19.63	19.64	19.58		
15	256QAM	36	0	19.69	19.65	19.56	19.60	19.56	20.5	0
15	256QAM	36	20	19.40	19.36	19.48	19.44	19.45		
15	256QAM	36	39	19.53	19.68	19.65	19.60	19.72		
15	256QAM	75	0	19.58	19.50	19.67	19.52	19.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.67	19.94	20.05	19.97	19.77	20.50	0
10	QPSK	1	25	19.65	19.74	19.96	19.77	19.66		
10	QPSK	1	49	19.66	19.79	19.80	19.82	19.78		
10	QPSK	25	0	19.64	19.81	20.08	19.92	19.60	20.5	0
10	QPSK	25	12	19.61	19.74	19.92	19.95	19.68		
10	QPSK	25	25	19.63	19.61	19.74	19.83	19.68		
10	QPSK	50	0	19.72	19.94	20.01	19.97	19.75		
10	16QAM	1	0	19.64	19.87	19.96	19.81	19.70	20.5	0
10	16QAM	1	25	19.57	19.74	19.93	19.90	19.64		
10	16QAM	1	49	19.67	19.66	19.93	19.89	19.66		
10	16QAM	25	0	19.78	19.87	19.92	19.88	19.74	20.5	0
10	16QAM	25	12	19.55	19.70	19.92	19.78	19.73		
10	16QAM	25	25	19.54	19.77	19.72	19.85	19.60		
10	16QAM	50	0	19.71	19.77	19.92	19.97	19.80		
10	64QAM	1	0	19.60	19.75	19.99	19.74	19.67	20.5	0
10	64QAM	1	25	19.50	19.68	19.90	19.80	19.71		
10	64QAM	1	49	19.57	19.72	19.87	19.96	19.68		
10	64QAM	25	0	19.63	19.78	19.90	19.80	19.69	20.5	0
10	64QAM	25	12	19.53	19.67	19.82	19.79	19.80		
10	64QAM	25	25	19.56	19.72	19.80	19.82	19.52		
10	64QAM	50	0	19.59	19.80	19.96	19.99	19.78		
10	256QAM	1	0	19.65	19.70	19.57	19.61	19.73	20.5	0
10	256QAM	1	25	19.83	19.79	19.77	19.72	19.69		
10	256QAM	1	49	19.54	19.61	19.56	19.52	19.57		
10	256QAM	25	0	19.50	19.54	19.49	19.51	19.51	20.5	0
10	256QAM	25	12	19.56	19.35	19.39	19.35	19.45		
10	256QAM	25	25	19.66	19.71	19.63	19.57	19.59		
10	256QAM	50	0	19.51	19.49	19.53	19.65	19.63		
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	19.70	19.93	20.09	19.97	19.78	20.50	0
5	QPSK	1	12	19.63	19.71	20.00	19.77	19.70		
5	QPSK	1	24	19.70	19.78	19.84	19.82	19.73		
5	QPSK	12	0	19.69	19.83	20.06	19.94	19.57	20.5	0
5	QPSK	12	7	19.61	19.77	19.90	19.89	19.71		
5	QPSK	12	13	19.63	19.65	19.80	19.86	19.67		
5	QPSK	25	0	19.69	19.88	19.96	19.94	19.73		
5	16QAM	1	0	19.66	19.85	19.99	19.88	19.72	20.5	0
5	16QAM	1	12	19.61	19.78	19.92	19.89	19.70		
5	16QAM	1	24	19.69	19.65	19.97	19.89	19.65		
5	16QAM	12	0	19.77	19.89	19.97	19.89	19.80	20.5	0
5	16QAM	12	7	19.52	19.74	19.92	19.83	19.75		
5	16QAM	12	13	19.60	19.79	19.72	19.81	19.61		
5	16QAM	25	0	19.65	19.75	19.91	19.97	19.80		
5	64QAM	1	0	19.70	19.79	19.87	19.78	19.68	20.5	0
5	64QAM	1	12	19.59	19.77	19.89	19.87	19.70		
5	64QAM	1	24	19.57	19.59	19.98	19.95	19.62		
5	64QAM	12	0	19.72	19.92	19.85	19.83	19.76	20.5	0
5	64QAM	12	7	19.47	19.69	19.83	19.75	19.73		
5	64QAM	12	13	19.45	19.70	19.69	19.84	19.69		
5	64QAM	25	0	19.61	19.82	19.92	19.98	19.82		
5	256QAM	1	0	19.60	19.58	19.66	19.72	19.74	20.5	0
5	256QAM	1	12	19.81	19.78	19.64	19.72	19.66		
5	256QAM	1	24	19.62	19.54	19.48	19.55	19.56		
5	256QAM	12	0	19.49	19.64	19.56	19.50	19.58	20.5	0
5	256QAM	12	7	19.41	19.55	19.54	19.52	19.41		
5	256QAM	12	13	19.65	19.53	19.60	19.59	19.63		
5	256QAM	25	0	19.50	19.53	19.54	19.52	19.65		

Band 48 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	14.97	15.22	15.00	14.98	16	0
20	QPSK	1	49	15.03	15.01	14.93	15.11		
20	QPSK	1	99	14.97	14.89	14.86	15.18		
20	QPSK	50	0	15.13	15.19	14.90	15.10	16	0
20	QPSK	50	24	15.00	15.04	14.84	14.92		
20	QPSK	50	50	15.03	15.08	14.86	14.97		
20	QPSK	100	0	15.06	15.15	15.01	15.10		
20	16QAM	1	0	14.97	15.02	14.74	14.96	16	0
20	16QAM	1	49	14.98	15.01	14.84	15.19		
20	16QAM	1	99	15.01	15.05	15.06	15.12		
20	16QAM	50	0	15.07	15.16	14.81	15.01	16	0
20	16QAM	50	24	14.88	15.08	14.95	14.96		
20	16QAM	50	50	15.07	15.10	15.11	15.19		
20	16QAM	100	0	15.08	15.04	14.87	14.89		
20	64QAM	1	0	14.81	15.10	14.84	14.83	16	0
20	64QAM	1	49	14.86	15.16	14.83	14.94		
20	64QAM	1	99	14.79	15.05	14.83	14.91		
20	64QAM	50	0	14.85	15.18	14.92	14.91	16	0
20	64QAM	50	24	14.89	15.19	14.91	14.81		
20	64QAM	50	50	14.92	15.12	14.94	14.83		
20	64QAM	100	0	14.86	15.17	14.85	14.82		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	14.82	15.10	15.00	14.85	16	0
15	QPSK	1	37	14.97	14.95	14.88	14.93		
15	QPSK	1	74	14.82	14.72	14.76	15.09		
15	QPSK	36	0	14.96	15.19	14.72	15.01	16	0
15	QPSK	36	20	14.79	14.98	14.71	14.72		
15	QPSK	36	39	14.83	14.97	14.75	14.84		
15	QPSK	75	0	15.04	15.01	14.92	14.91		
15	16QAM	1	0	14.92	14.83	14.71	14.80	16	0
15	16QAM	1	37	14.96	14.99	14.72	15.08		
15	16QAM	1	74	14.81	15.02	14.84	15.08		
15	16QAM	36	0	14.85	15.10	14.71	14.93	16	0
15	16QAM	36	20	14.77	14.97	14.89	14.90		
15	16QAM	36	39	14.99	14.93	14.92	15.01		
15	16QAM	75	0	14.96	14.96	14.78	14.71		
15	64QAM	1	0	14.87	15.10	14.95	14.88	16	0
15	64QAM	1	37	14.84	15.18	14.86	14.80		
15	64QAM	1	74	14.79	15.16	14.95	14.85		
15	64QAM	36	0	14.84	15.07	14.88	14.95	16	0
15	64QAM	36	20	14.92	15.16	14.90	14.82		
15	64QAM	36	39	14.80	15.15	14.96	14.97		
15	64QAM	75	0	14.78	15.06	14.84	14.90		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	14.82	15.03	14.89	14.91	16	0
10	QPSK	1	25	14.86	14.91	14.81	14.97		
10	QPSK	1	49	14.98	14.75	14.73	14.98		
10	QPSK	25	0	15.11	15.17	14.86	15.01	16	0
10	QPSK	25	12	14.89	15.00	14.75	14.93		
10	QPSK	25	25	14.91	15.09	14.72	14.89		
10	QPSK	50	0	14.87	15.09	14.98	14.93		
10	16QAM	1	0	14.81	14.86	14.75	14.80	16	0
10	16QAM	1	25	14.84	14.91	14.66	15.10		
10	16QAM	1	49	14.85	15.00	15.01	14.93		
10	16QAM	25	0	15.09	15.12	14.82	15.03	16	0
10	16QAM	25	12	14.87	15.09	14.84	14.76		
10	16QAM	25	25	14.85	15.02	15.05	15.01		
10	16QAM	50	0	15.08	14.90	14.70	14.72		
10	64QAM	1	0	14.94	15.17	14.86	14.87	16	0
10	64QAM	1	25	14.83	15.15	14.95	14.81		
10	64QAM	1	49	14.96	15.19	14.97	14.85		
10	64QAM	25	0	14.87	15.20	14.90	14.81	16	0
10	64QAM	25	12	14.82	15.16	14.95	14.92		
10	64QAM	25	25	14.82	15.15	14.93	14.84		
10	64QAM	50	0	14.90	15.08	14.95	14.88		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	14.97	15.14	14.93	14.80	16	0
5	QPSK	1	12	14.83	15.00	14.90	15.05		
5	QPSK	1	24	14.91	14.84	14.80	15.06		
5	QPSK	12	0	14.98	14.98	14.75	14.93	16	0
5	QPSK	12	7	14.99	15.02	14.65	14.79		
5	QPSK	12	13	14.96	14.98	14.80	14.98		
5	QPSK	25	0	14.93	15.12	14.91	14.99		
5	16QAM	1	0	14.86	14.83	14.60	14.92	16	0
5	16QAM	1	12	14.86	14.94	14.74	15.10		
5	16QAM	1	24	14.82	14.90	14.94	15.02		
5	16QAM	12	0	15.07	15.01	14.72	14.89	16	0
5	16QAM	12	7	14.74	15.07	14.84	14.75		
5	16QAM	12	13	14.96	15.02	15.01	15.01		
5	16QAM	25	0	15.09	14.88	14.71	14.69		
5	64QAM	1	0	14.85	15.07	14.88	14.93	16	0
5	64QAM	1	12	14.87	15.06	14.98	14.88		
5	64QAM	1	24	14.89	15.13	14.87	14.83		
5	64QAM	12	0	14.79	15.10	14.85	14.82	16	0
5	64QAM	12	7	14.79	15.10	14.83	14.93		
5	64QAM	12	13	14.95	15.13	14.84	14.80		
5	64QAM	25	0	14.78	15.17	14.82	14.86		

Band 30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.62		18.5	0
10	QPSK	1	25		17.36			
10	QPSK	1	49		17.46			
10	QPSK	25	0		17.49		18.5	0
10	QPSK	25	12		17.41			
10	QPSK	25	25		17.39			
10	QPSK	50	0		17.36			
10	16QAM	1	0		17.38		18.5	0
10	16QAM	1	25		17.37			
10	16QAM	1	49		17.28			
10	16QAM	25	0		17.44		18.5	0
10	16QAM	25	12		17.36			
10	16QAM	25	25		17.40			
10	16QAM	50	0		17.33			
10	64QAM	1	0		17.55		18.5	0
10	64QAM	1	25		17.60			
10	64QAM	1	49		17.59			
10	64QAM	25	0		17.46		18.5	0
10	64QAM	25	12		17.49			
10	64QAM	25	25		17.50			
10	64QAM	50	0		17.47			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.30	17.47	17.39	18.5	0
5	QPSK	1	12	17.16	17.30	17.22		
5	QPSK	1	24	17.28	17.27	17.29		
5	QPSK	12	0	17.37	17.36	17.48	18.5	0
5	QPSK	12	7	17.27	17.37	17.35		
5	QPSK	12	13	17.25	17.31	17.29		
5	QPSK	25	0	17.23	17.24	17.32		
5	16QAM	1	0	17.43	17.44	17.51	18.5	0
5	16QAM	1	12	17.35	17.30	17.32		
5	16QAM	1	24	17.12	17.23	17.22		
5	16QAM	12	0	17.53	17.53	17.48	18.5	0
5	16QAM	12	7	17.23	17.38	17.28		
5	16QAM	12	13	17.24	17.37	17.33		
5	16QAM	25	0	17.20	17.23	17.23		
5	64QAM	1	0	17.15	17.41	17.20	18.5	0
5	64QAM	1	12	17.24	17.30	17.31		
5	64QAM	1	24	17.25	17.36	17.31		
5	64QAM	12	0	17.16	17.45	17.32	18.5	0
5	64QAM	12	7	17.17	17.44	17.35		
5	64QAM	12	13	17.20	17.39	17.32		
5	64QAM	25	0	17.14	17.43	17.22		

Full&Default Power Mode ENDC

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.99	20.22	20.05	21	0
20	QPSK	1	49	19.96	20.20	19.95		
20	QPSK	1	99	19.76	19.93	20.00		
20	QPSK	50	0	19.91	20.21	19.94	21	0
20	QPSK	50	24	19.96	20.02	20.08		
20	QPSK	50	50	19.91	19.97	19.89		
20	QPSK	100	0	19.97	20.04	20.01		
20	16QAM	1	0	19.89	20.01	19.96	21	0
20	16QAM	1	49	19.88	19.86	19.94		
20	16QAM	1	99	19.93	20.08	20.05		
20	16QAM	50	0	20.06	19.97	19.95	21	0
20	16QAM	50	24	19.82	19.96	19.88		
20	16QAM	50	50	19.98	19.98	20.02		
20	16QAM	100	0	19.75	20.05	19.92		
20	64QAM	1	0	19.93	20.10	19.98	21	0
20	64QAM	1	49	19.85	20.05	19.95		
20	64QAM	1	99	19.84	20.08	19.92		
20	64QAM	50	0	19.94	20.04	19.89	21	0
20	64QAM	50	24	19.97	20.07	19.91		
20	64QAM	50	50	19.96	20.12	19.91		
20	64QAM	100	0	19.89	20.09	19.96		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.92	20.15	20.00	21	0
15	QPSK	1	37	19.88	20.13	19.91		
15	QPSK	1	74	19.72	19.88	19.89		
15	QPSK	36	0	19.84	20.15	19.86	21	0
15	QPSK	36	20	19.94	20.00	19.98		
15	QPSK	36	39	19.79	19.87	19.81		
15	QPSK	75	0	19.90	19.90	19.92		
15	16QAM	1	0	19.77	19.93	19.91	21	0
15	16QAM	1	37	19.85	19.78	19.85		
15	16QAM	1	74	19.80	19.97	19.97		
15	16QAM	36	0	19.93	19.86	19.90	21	0
15	16QAM	36	20	19.74	19.83	19.80		
15	16QAM	36	39	19.88	19.91	19.88		
15	16QAM	75	0	19.70	20.01	19.82		
15	64QAM	1	0	19.80	20.07	19.96	21	0
15	64QAM	1	37	19.91	20.09	19.86		
15	64QAM	1	74	19.86	20.19	20.03		
15	64QAM	36	0	19.95	20.17	20.01	21	0
15	64QAM	36	20	19.84	20.10	19.87		
15	64QAM	36	39	19.95	20.19	19.89		
15	64QAM	75	0	19.90	20.20	20.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.92	20.15	19.92	21	0
10	QPSK	1	25	19.89	20.08	19.91		
10	QPSK	1	49	19.72	19.80	19.86		
10	QPSK	25	0	19.87	20.16	19.92	21	0
10	QPSK	25	12	19.93	19.93	20.06		
10	QPSK	25	25	19.86	19.86	19.79		
10	QPSK	50	0	19.91	19.91	19.97		
10	16QAM	1	0	19.85	19.93	19.87	21	0
10	16QAM	1	25	19.80	19.83	19.84		
10	16QAM	1	49	19.86	20.00	19.98		
10	16QAM	25	0	19.93	19.91	19.90	21	0
10	16QAM	25	12	19.75	19.92	19.84		
10	16QAM	25	25	19.91	19.86	19.90		
10	16QAM	50	0	19.65	20.02	19.85		
10	64QAM	1	0	19.95	20.17	20.02	21	0
10	64QAM	1	25	19.84	20.19	19.96		
10	64QAM	1	49	19.97	20.12	19.99		
10	64QAM	25	0	19.97	20.08	19.96	21	0
10	64QAM	25	12	19.89	20.07	19.86		
10	64QAM	25	25	19.88	20.06	19.97		
10	64QAM	50	0	19.96	20.03	19.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.89	20.09	19.94	21	0
5	QPSK	1	12	19.90	20.15	19.92		
5	QPSK	1	24	19.72	19.90	19.89		
5	QPSK	12	0	19.77	20.18	19.85	21	0
5	QPSK	12	7	19.85	19.94	20.01		
5	QPSK	12	13	19.81	19.89	19.79		
5	QPSK	25	0	19.95	19.92	19.97		
5	16QAM	1	0	19.75	19.94	19.86	21	0
5	16QAM	1	12	19.80	19.80	19.89		
5	16QAM	1	24	19.89	19.96	19.96		
5	16QAM	12	0	20.03	19.87	19.88	21	0
5	16QAM	12	7	19.79	19.90	19.83		
5	16QAM	12	13	19.87	19.92	19.96		
5	16QAM	25	0	19.73	19.97	19.87		
5	64QAM	1	0	19.89	20.05	20.02	21	0
5	64QAM	1	12	19.83	20.05	19.89		
5	64QAM	1	24	19.82	20.15	19.93		
5	64QAM	12	0	19.91	20.11	19.88	21	0
5	64QAM	12	7	19.88	20.15	19.95		
5	64QAM	12	13	19.88	20.17	19.86		
5	64QAM	25	0	19.89	20.05	19.91		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.94	20.09	19.97	21	0
3	QPSK	1	8	19.91	20.08	19.83		
3	QPSK	1	14	19.71	19.79	19.98		
3	QPSK	8	0	19.83	20.17	19.80	21	0
3	QPSK	8	4	19.88	19.89	20.06		
3	QPSK	8	7	19.83	19.92	19.84		
3	QPSK	15	0	19.91	19.93	19.89		
3	16QAM	1	0	19.77	19.92	19.86	21	0
3	16QAM	1	8	19.84	19.74	19.88		
3	16QAM	1	14	19.82	19.99	19.94		
3	16QAM	8	0	19.94	19.94	19.92	21	0
3	16QAM	8	4	19.79	19.86	19.85		
3	16QAM	8	7	19.94	19.92	19.96		
3	16QAM	15	0	19.67	19.98	19.87		
3	64QAM	1	0	19.82	20.06	19.96	21	0
3	64QAM	1	8	19.80	20.17	20.02		
3	64QAM	1	14	19.96	20.07	19.89		
3	64QAM	8	0	19.84	20.17	19.96	21	0
3	64QAM	8	4	19.89	20.11	19.91		
3	64QAM	8	7	19.92	20.21	19.95		
3	64QAM	15	0	19.91	20.11	19.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.93	20.15	19.98	21	0
1.4	QPSK	1	3	19.87	20.12	19.84		
1.4	QPSK	1	5	19.70	19.84	19.93		
1.4	QPSK	3	0	19.79	20.15	19.85		
1.4	QPSK	3	1	19.91	19.90	20.04		
1.4	QPSK	3	3	19.88	19.95	19.82		
1.4	QPSK	6	0	19.92	19.95	19.96	21	0
1.4	16QAM	1	0	19.78	19.89	19.86	21	0
1.4	16QAM	1	3	19.80	19.75	19.86		
1.4	16QAM	1	5	19.90	19.95	19.92		
1.4	16QAM	3	0	19.99	19.94	19.90		
1.4	16QAM	3	1	19.73	19.94	19.79		
1.4	16QAM	3	3	19.93	19.90	19.93		
1.4	16QAM	6	0	19.62	20.01	19.88	21	0
1.4	64QAM	1	0	19.91	20.17	19.97	21	0
1.4	64QAM	1	3	19.82	20.02	20.02		
1.4	64QAM	1	5	19.91	20.10	20.00		
1.4	64QAM	3	0	19.90	20.09	19.86		
1.4	64QAM	3	1	19.82	20.20	20.03		
1.4	64QAM	3	3	19.95	20.19	19.89		
1.4	64QAM	6	0	19.96	20.17	20.04	21	0

Reduced Power Mode for Receive on ENDC

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.99	20.22	20.05	21	0
20	QPSK	1	49	19.96	20.20	19.95		
20	QPSK	1	99	19.76	19.93	20.00		
20	QPSK	50	0	19.91	20.21	19.94	21	0
20	QPSK	50	24	19.96	20.02	20.08		
20	QPSK	50	50	19.91	19.97	19.89		
20	QPSK	100	0	19.97	20.04	20.01		
20	16QAM	1	0	19.89	20.01	19.96	21	0
20	16QAM	1	49	19.88	19.86	19.94		
20	16QAM	1	99	19.93	20.08	20.05		
20	16QAM	50	0	20.06	19.97	19.95	21	0
20	16QAM	50	24	19.82	19.96	19.88		
20	16QAM	50	50	19.98	19.98	20.02		
20	16QAM	100	0	19.75	20.05	19.92		
20	64QAM	1	0	19.93	20.10	19.98	21	0
20	64QAM	1	49	19.85	20.05	19.95		
20	64QAM	1	99	19.84	20.08	19.92		
20	64QAM	50	0	19.94	20.04	19.89	21	0
20	64QAM	50	24	19.90	20.07	19.91		
20	64QAM	50	50	19.96	20.12	19.91		
20	64QAM	100	0	19.89	20.09	19.96		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.92	20.15	20.00	21	0
15	QPSK	1	37	19.88	20.13	19.91		
15	QPSK	1	74	19.72	19.88	19.89		
15	QPSK	36	0	19.84	20.15	19.86	21	0
15	QPSK	36	20	19.94	20.00	19.98		
15	QPSK	36	39	19.79	19.87	19.81		
15	QPSK	75	0	19.90	19.90	19.92	21	0
15	16QAM	1	0	19.77	19.93	19.91		
15	16QAM	1	37	19.85	19.78	19.85		
15	16QAM	1	74	19.80	19.97	19.97		
15	16QAM	36	0	19.93	19.86	19.90	21	0
15	16QAM	36	20	19.74	19.83	19.80		
15	16QAM	36	39	19.88	19.91	19.88		
15	16QAM	75	0	19.70	20.01	19.82		
15	64QAM	1	0	19.80	20.07	19.96	21	0
15	64QAM	1	37	19.91	20.09	19.86		
15	64QAM	1	74	19.86	20.19	20.03		
15	64QAM	36	0	19.95	20.17	20.01	21	0
15	64QAM	36	20	19.84	20.10	19.87		
15	64QAM	36	39	19.95	20.19	19.89		
15	64QAM	75	0	19.90	20.20	20.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.92	20.15	19.92	21	0
10	QPSK	1	25	19.89	20.08	19.91		
10	QPSK	1	49	19.72	19.80	19.86		
10	QPSK	25	0	19.87	20.16	19.92	21	0
10	QPSK	25	12	19.93	19.93	20.06		
10	QPSK	25	25	19.86	19.86	19.79		
10	QPSK	50	0	19.91	19.91	19.97		
10	16QAM	1	0	19.85	19.93	19.87	21	0
10	16QAM	1	25	19.80	19.83	19.84		
10	16QAM	1	49	19.86	20.00	19.98		
10	16QAM	25	0	19.93	19.91	19.90	21	0
10	16QAM	25	12	19.75	19.92	19.84		
10	16QAM	25	25	19.91	19.86	19.90		
10	16QAM	50	0	19.65	20.02	19.85		
10	64QAM	1	0	19.95	20.17	20.02	21	0
10	64QAM	1	25	19.84	20.19	19.96		
10	64QAM	1	49	19.97	20.12	19.99		
10	64QAM	25	0	19.97	20.08	19.96	21	0
10	64QAM	25	12	19.89	20.07	19.86		
10	64QAM	25	25	19.88	20.06	19.97		
10	64QAM	50	0	19.96	20.03	19.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.89	20.09	19.94	21	0
5	QPSK	1	12	19.90	20.15	19.92		
5	QPSK	1	24	19.72	19.90	19.89		
5	QPSK	12	0	19.77	20.18	19.85	21	0
5	QPSK	12	7	19.85	19.94	20.01		
5	QPSK	12	13	19.81	19.89	19.79		
5	QPSK	25	0	19.95	19.92	19.97		
5	16QAM	1	0	19.75	19.94	19.86	21	0
5	16QAM	1	12	19.80	19.80	19.89		
5	16QAM	1	24	19.89	19.96	19.96		
5	16QAM	12	0	20.03	19.87	19.88	21	0
5	16QAM	12	7	19.79	19.90	19.83		
5	16QAM	12	13	19.87	19.92	19.96		
5	16QAM	25	0	19.73	19.97	19.87	21	0
5	64QAM	1	0	19.89	20.05	20.02		
5	64QAM	1	12	19.83	20.05	19.89		
5	64QAM	1	24	19.82	20.15	19.93		
5	64QAM	12	0	19.91	20.11	19.88	21	0
5	64QAM	12	7	19.88	20.15	19.95		
5	64QAM	12	13	19.88	20.17	19.86		
5	64QAM	25	0	19.89	20.05	19.91		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.94	20.09	19.97	21	0
3	QPSK	1	8	19.91	20.08	19.83		
3	QPSK	1	14	19.71	19.79	19.98		
3	QPSK	8	0	19.83	20.17	19.80	21	0
3	QPSK	8	4	19.88	19.89	20.06		
3	QPSK	8	7	19.83	19.92	19.84		
3	QPSK	15	0	19.91	19.93	19.89		
3	16QAM	1	0	19.77	19.92	19.86	21	0
3	16QAM	1	8	19.84	19.74	19.88		
3	16QAM	1	14	19.82	19.99	19.94		
3	16QAM	8	0	19.94	19.94	19.92	21	0
3	16QAM	8	4	19.79	19.86	19.85		
3	16QAM	8	7	19.94	19.92	19.96		
3	16QAM	15	0	19.67	19.98	19.87		
3	64QAM	1	0	19.82	20.06	19.96	21	0
3	64QAM	1	8	19.80	20.17	20.02		
3	64QAM	1	14	19.96	20.07	19.89		
3	64QAM	8	0	19.84	20.17	19.96	21	0
3	64QAM	8	4	19.89	20.11	19.91		
3	64QAM	8	7	19.92	20.21	19.95		
3	64QAM	15	0	19.91	20.11	19.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.93	20.15	19.98	21	0
1.4	QPSK	1	3	19.87	20.12	19.84		
1.4	QPSK	1	5	19.70	19.84	19.93		
1.4	QPSK	3	0	19.79	20.15	19.85		
1.4	QPSK	3	1	19.91	19.90	20.04		
1.4	QPSK	3	3	19.88	19.95	19.82		
1.4	QPSK	6	0	19.92	19.95	19.96	21	0
1.4	16QAM	1	0	19.78	19.89	19.86	21	0
1.4	16QAM	1	3	19.80	19.75	19.86		
1.4	16QAM	1	5	19.90	19.95	19.92		
1.4	16QAM	3	0	19.99	19.94	19.90		
1.4	16QAM	3	1	19.73	19.94	19.79		
1.4	16QAM	3	3	19.93	19.90	19.93		
1.4	16QAM	6	0	19.62	20.01	19.88	21	0
1.4	64QAM	1	0	19.91	20.17	19.97	21	0
1.4	64QAM	1	3	19.82	20.02	20.02		
1.4	64QAM	1	5	19.91	20.10	20.00		
1.4	64QAM	3	0	19.90	20.09	19.86		
1.4	64QAM	3	1	19.82	20.20	20.03		
1.4	64QAM	3	3	19.95	20.19	19.89		
1.4	64QAM	6	0	19.96	20.17	20.04	21	0

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	20.74	20.99	20.92	22	0
10	QPSK	1	25	20.77	20.87	20.83		
10	QPSK	1	49	20.76	20.74	20.71		
10	QPSK	25	0	20.74	20.92	20.88	22	0
10	QPSK	25	12	20.71	20.86	20.78		
10	QPSK	25	25	20.62	20.71	20.81		
10	QPSK	50	0	20.75	20.91	20.75		
10	16QAM	1	0	20.77	20.94	20.88	22	0
10	16QAM	1	25	20.70	20.82	20.79		
10	16QAM	1	49	20.67	20.83	20.75		
10	16QAM	25	0	20.78	20.90	20.93	22	0
10	16QAM	25	12	20.71	20.80	20.86		
10	16QAM	25	25	20.68	20.74	20.67		
10	16QAM	50	0	20.78	20.82	20.71		
10	64QAM	1	0	20.56	20.86	20.74	22	0
10	64QAM	1	25	20.59	20.84	20.73		
10	64QAM	1	49	20.64	20.97	20.90		
10	64QAM	25	0	20.66	20.94	20.79	22	0
10	64QAM	25	12	20.71	20.88	20.82		
10	64QAM	25	25	20.55	20.89	20.78		
10	64QAM	50	0	20.67	20.86	20.81		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.71	20.89	20.79	22	0
5	QPSK	1	12	20.69	20.75	20.72		
5	QPSK	1	24	20.71	20.62	20.58		
5	QPSK	12	0	20.61	20.84	20.83	22	0
5	QPSK	12	7	20.59	20.81	20.75		
5	QPSK	12	13	20.57	20.62	20.78		
5	QPSK	25	0	20.64	20.79	20.67	22	0
5	16QAM	1	0	20.71	20.86	20.83		
5	16QAM	1	12	20.58	20.78	20.69		
5	16QAM	1	24	20.56	20.74	20.67		
5	16QAM	12	0	20.73	20.78	20.83	22	0
5	16QAM	12	7	20.65	20.74	20.75		
5	16QAM	12	13	20.58	20.63	20.62		
5	16QAM	25	0	20.74	20.72	20.64		
5	64QAM	1	0	20.63	20.91	20.79	22	0
5	64QAM	1	12	20.65	20.93	20.73		
5	64QAM	1	24	20.63	20.83	20.79		
5	64QAM	12	0	20.73	20.91	20.82	22	0
5	64QAM	12	7	20.63	20.90	20.88		
5	64QAM	12	13	20.64	20.92	20.84		
5	64QAM	25	0	20.69	20.85	20.87		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.70	20.91	20.79	22	0
3	QPSK	1	8	20.67	20.79	20.74		
3	QPSK	1	14	20.65	20.62	20.64		
3	QPSK	8	0	20.68	20.81	20.76	22	0
3	QPSK	8	4	20.65	20.83	20.75		
3	QPSK	8	7	20.58	20.60	20.70		
3	QPSK	15	0	20.66	20.79	20.72		
3	16QAM	1	0	20.70	20.88	20.75	22	0
3	16QAM	1	8	20.65	20.75	20.68		
3	16QAM	1	14	20.62	20.70	20.68		
3	16QAM	8	0	20.66	20.81	20.88	22	0
3	16QAM	8	4	20.62	20.75	20.81		
3	16QAM	8	7	20.57	20.70	20.54		
3	16QAM	15	0	20.70	20.72	20.59		
3	64QAM	1	0	20.58	20.83	20.88	22	0
3	64QAM	1	8	20.61	20.94	20.77		
3	64QAM	1	14	20.72	20.97	20.79		
3	64QAM	8	0	20.70	20.83	20.90	22	0
3	64QAM	8	4	20.60	20.87	20.75		
3	64QAM	8	7	20.65	20.89	20.77		
3	64QAM	15	0	20.68	20.81	20.88		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.65	20.92	20.86	22	0
1.4	QPSK	1	3	20.70	20.75	20.74		
1.4	QPSK	1	5	20.64	20.68	20.68		
1.4	QPSK	3	0	20.63	20.87	20.84		
1.4	QPSK	3	1	20.68	20.75	20.65		
1.4	QPSK	3	3	20.53	20.66	20.68		
1.4	QPSK	6	0	20.69	20.87	20.71	22	0
1.4	16QAM	1	0	20.69	20.88	20.85	22	0
1.4	16QAM	1	3	20.59	20.71	20.76		
1.4	16QAM	1	5	20.58	20.74	20.70		
1.4	16QAM	3	0	20.71	20.81	20.84		
1.4	16QAM	3	1	20.65	20.71	20.83		
1.4	16QAM	3	3	20.65	20.64	20.60		
1.4	16QAM	6	0	20.73	20.78	20.60	22	0
1.4	64QAM	1	0	20.68	20.89	20.77	22	0
1.4	64QAM	1	3	20.72	20.97	20.79		
1.4	64QAM	1	5	20.59	20.92	20.89		
1.4	64QAM	3	0	20.64	20.86	20.89		
1.4	64QAM	3	1	20.60	20.90	20.82		
1.4	64QAM	3	3	20.71	20.88	20.84		
1.4	64QAM	6	0	20.68	20.89	20.82	22	0

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.46	20.82	20.67	21	0
20	QPSK	1	49	20.44	20.60	20.62		
20	QPSK	1	99	20.42	20.50	20.46		
20	QPSK	50	0	20.55	20.72	20.57	21	0
20	QPSK	50	24	20.44	20.49	20.57		
20	QPSK	50	50	20.49	20.59	20.58		
20	QPSK	100	0	20.45	20.54	20.49		
20	16QAM	1	0	20.49	20.73	20.65	21	0
20	16QAM	1	49	20.46	20.57	20.53		
20	16QAM	1	99	20.47	20.46	20.52		
20	16QAM	50	0	20.40	20.69	20.59	21	0
20	16QAM	50	24	20.53	20.66	20.54		
20	16QAM	50	50	20.47	20.43	20.43		
20	16QAM	100	0	20.41	20.51	20.53		
20	64QAM	1	0	20.44	20.78	20.65	21	0
20	64QAM	1	49	20.36	20.75	20.50		
20	64QAM	1	99	20.33	20.70	20.50		
20	64QAM	50	0	20.43	20.63	20.60	21	0
20	64QAM	50	24	20.39	20.65	20.56		
20	64QAM	50	50	20.29	20.69	20.56		
20	64QAM	100	0	20.37	20.64	20.55		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.45	20.72	20.73	21	0
15	QPSK	1	37	20.44	20.51	20.61		
15	QPSK	1	74	20.39	20.60	20.47		
15	QPSK	36	0	20.57	20.67	20.62	21	0
15	QPSK	36	20	20.53	20.53	20.51		
15	QPSK	36	39	20.54	20.62	20.62		
15	QPSK	75	0	20.51	20.59	20.44	21	0
15	16QAM	1	0	20.51	20.74	20.60		
15	16QAM	1	37	20.41	20.59	20.51		
15	16QAM	1	74	20.45	20.35	20.55		
15	16QAM	36	0	20.45	20.76	20.57	21	0
15	16QAM	36	20	20.48	20.72	20.55		
15	16QAM	36	39	20.41	20.46	20.47		
15	16QAM	75	0	20.49	20.55	20.56		
15	64QAM	1	0	20.43	20.81	20.60	21	0
15	64QAM	1	37	20.38	20.81	20.57		
15	64QAM	1	74	20.42	20.77	20.56		
15	64QAM	36	0	20.30	20.69	20.58	21	0
15	64QAM	36	20	20.45	20.80	20.58		
15	64QAM	36	39	20.40	20.66	20.49		
15	64QAM	75	0	20.38	20.65	20.57		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.49	20.73	20.71	21	0
10	QPSK	1	25	20.41	20.58	20.61		
10	QPSK	1	49	20.46	20.58	20.40		
10	QPSK	25	0	20.61	20.70	20.59	21	0
10	QPSK	25	12	20.42	20.54	20.51		
10	QPSK	25	25	20.50	20.59	20.58		
10	QPSK	50	0	20.53	20.51	20.49		
10	16QAM	1	0	20.57	20.80	20.60	21	0
10	16QAM	1	25	20.41	20.67	20.55		
10	16QAM	1	49	20.36	20.45	20.58		
10	16QAM	25	0	20.42	20.81	20.66	21	0
10	16QAM	25	12	20.49	20.67	20.58		
10	16QAM	25	25	20.44	20.46	20.42		
10	16QAM	50	0	20.46	20.55	20.60		
10	64QAM	1	0	20.39	20.66	20.49	21	0
10	64QAM	1	25	20.30	20.70	20.59		
10	64QAM	1	49	20.45	20.72	20.54		
10	64QAM	25	0	20.31	20.67	20.62	21	0
10	64QAM	25	12	20.27	20.75	20.49		
10	64QAM	25	25	20.28	20.72	20.55		
10	64QAM	50	0	20.35	20.65	20.53		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.49	20.71	20.76	21	0
5	QPSK	1	12	20.51	20.56	20.59		
5	QPSK	1	24	20.38	20.59	20.42		
5	QPSK	12	0	20.57	20.67	20.59	21	0
5	QPSK	12	7	20.42	20.52	20.49		
5	QPSK	12	13	20.57	20.64	20.54		
5	QPSK	25	0	20.44	20.58	20.46		
5	16QAM	1	0	20.47	20.82	20.61	21	0
5	16QAM	1	12	20.49	20.68	20.48		
5	16QAM	1	24	20.44	20.46	20.60		
5	16QAM	12	0	20.47	20.76	20.65	21	0
5	16QAM	12	7	20.47	20.64	20.58		
5	16QAM	12	13	20.46	20.46	20.47		
5	16QAM	25	0	20.45	20.55	20.51	21	0
5	64QAM	1	0	20.38	20.76	20.58		
5	64QAM	1	12	20.39	20.73	20.55		
5	64QAM	1	24	20.32	20.66	20.64		
5	64QAM	12	0	20.36	20.74	20.64	21	0
5	64QAM	12	7	20.32	20.80	20.59		
5	64QAM	12	13	20.36	20.68	20.61		
5	64QAM	25	0	20.27	20.77	20.49		

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	19.20	19.69	19.34	20	0
10	QPSK	1	25	19.23	19.26	19.37		
10	QPSK	1	49	19.26	19.22	19.24		
10	QPSK	25	0	19.15	19.60	19.38	20	0
10	QPSK	25	12	19.24	19.20	19.26		
10	QPSK	25	25	19.20	19.17	19.13		
10	QPSK	50	0	19.22	19.25	19.22		
10	16QAM	1	0	19.26	19.68	19.38	20	0
10	16QAM	1	25	19.26	19.23	19.23		
10	16QAM	1	49	19.25	19.20	19.28		
10	16QAM	25	0	19.21	19.68	19.33	20	0
10	16QAM	25	12	19.23	19.31	19.24		
10	16QAM	25	25	19.18	19.23	19.19		
10	16QAM	50	0	19.27	19.21	19.29		
10	64QAM	1	0	19.12	19.54	19.28	20	0
10	64QAM	1	25	19.13	19.51	19.22		
10	64QAM	1	49	19.17	19.58	19.17		
10	64QAM	25	0	19.13	19.56	19.21	20	0
10	64QAM	25	12	19.17	19.56	19.17		
10	64QAM	25	25	19.18	19.55	19.32		
10	64QAM	50	0	19.15	19.50	19.22		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	19.15	19.63	19.25	20	0
5	QPSK	1	12	19.17	19.19	19.26		
5	QPSK	1	24	19.18	19.19	19.14		
5	QPSK	12	0	19.03	19.51	19.34	20	0
5	QPSK	12	7	19.20	19.15	19.17		
5	QPSK	12	13	19.09	19.08	19.05		
5	QPSK	25	0	19.16	19.13	19.17		
5	16QAM	1	0	19.18	19.65	19.33	20	0
5	16QAM	1	12	19.22	19.19	19.20		
5	16QAM	1	24	19.18	19.18	19.20		
5	16QAM	12	0	19.24	19.64	19.22	20	0
5	16QAM	12	7	19.16	19.19	19.16		
5	16QAM	12	13	19.19	19.21	19.21		
5	16QAM	25	0	19.23	19.17	19.25		
5	64QAM	1	0	19.17	19.65	19.21	20	0
5	64QAM	1	12	19.17	19.57	19.31		
5	64QAM	1	24	19.18	19.67	19.19		
5	64QAM	12	0	19.14	19.59	19.16	20	0
5	64QAM	12	7	19.16	19.50	19.33		
5	64QAM	12	13	19.14	19.55	19.19		
5	64QAM	25	0	19.13	19.53	19.25		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	19.20	19.66	19.24	20	0
3	QPSK	1	8	19.22	19.19	19.32		
3	QPSK	1	14	19.18	19.24	19.17		
3	QPSK	8	0	19.07	19.50	19.34	20	0
3	QPSK	8	4	19.11	19.16	19.19		
3	QPSK	8	7	19.10	19.09	19.07		
3	QPSK	15	0	19.16	19.20	19.18		
3	16QAM	1	0	19.19	19.58	19.33	20	0
3	16QAM	1	8	19.22	19.17	19.10		
3	16QAM	1	14	19.16	19.17	19.16		
3	16QAM	8	0	19.15	19.58	19.26	20	0
3	16QAM	8	4	19.20	19.20	19.11		
3	16QAM	8	7	19.09	19.20	19.08		
3	16QAM	15	0	19.23	19.14	19.19		
3	64QAM	1	0	19.22	19.68	19.21	20	0
3	64QAM	1	8	19.24	19.55	19.19		
3	64QAM	1	14	19.22	19.59	19.32		
3	64QAM	8	0	19.18	19.54	19.23	20	0
3	64QAM	8	4	19.17	19.62	19.30		
3	64QAM	8	7	19.15	19.65	19.17		
3	64QAM	15	0	19.15	19.65	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	19.17	19.63	19.29	20	0
1.4	QPSK	1	3	19.21	19.15	19.32		
1.4	QPSK	1	5	19.15	19.21	19.17		
1.4	QPSK	3	0	19.10	19.56	19.34		
1.4	QPSK	3	1	19.13	19.15	19.14		
1.4	QPSK	3	3	19.11	19.09	19.07		
1.4	QPSK	6	0	19.17	19.19	19.15	20	0
1.4	16QAM	1	0	19.15	19.62	19.34	20	0
1.4	16QAM	1	3	19.22	19.17	19.14		
1.4	16QAM	1	5	19.19	19.15	19.21		
1.4	16QAM	3	0	19.16	19.56	19.25		
1.4	16QAM	3	1	19.13	19.20	19.21		
1.4	16QAM	3	3	19.07	19.11	19.15		
1.4	16QAM	6	0	19.19	19.13	19.22	20	0
1.4	64QAM	1	0	19.16	19.61	19.24	20	0
1.4	64QAM	1	3	19.16	19.59	19.25		
1.4	64QAM	1	5	19.18	19.54	19.25		
1.4	64QAM	3	0	19.10	19.56	19.26		
1.4	64QAM	3	1	19.11	19.57	19.21		
1.4	64QAM	3	3	19.23	19.57	19.31		
1.4	64QAM	6	0	19.07	19.54	19.16	20	0

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		20.25		21	0
10	QPSK	1	25		20.12			
10	QPSK	1	49		20.07			
10	QPSK	25	0		20.10		21	0
10	QPSK	25	12		20.07			
10	QPSK	25	25		20.00			
10	QPSK	50	0		19.93			
10	16QAM	1	0		20.08		21	0
10	16QAM	1	25		20.07			
10	16QAM	1	49		20.09			
10	16QAM	25	0		20.07		21	0
10	16QAM	25	12		20.12			
10	16QAM	25	25		20.19			
10	16QAM	50	0		20.04			
10	64QAM	1	0		20.16		21	0
10	64QAM	1	25		20.06			
10	64QAM	1	49		20.16			
10	64QAM	25	0		20.10		21	0
10	64QAM	25	12		20.08			
10	64QAM	25	25		20.23			
10	64QAM	50	0		20.18			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.13	20.13	20.06	21	0
5	QPSK	1	12	20.03	19.94	20.07		
5	QPSK	1	24	19.90	19.93	19.91		
5	QPSK	12	0	20.05	20.03	20.00	21	0
5	QPSK	12	7	19.99	20.04	20.01		
5	QPSK	12	13	19.87	19.91	19.94		
5	QPSK	25	0	19.82	19.79	19.79		
5	16QAM	1	0	20.04	20.05	19.99	21	0
5	16QAM	1	12	20.03	19.98	19.96		
5	16QAM	1	24	19.95	20.06	20.03		
5	16QAM	12	0	19.94	20.02	20.11	21	0
5	16QAM	12	7	20.06	20.06	19.94		
5	16QAM	12	13	20.03	20.01	19.97		
5	16QAM	25	0	19.99	19.97	19.89		
5	64QAM	1	0	20.06	20.03	19.98	21	0
5	64QAM	1	12	20.08	20.01	20.04		
5	64QAM	1	24	20.02	20.00	19.98		
5	64QAM	12	0	20.05	20.11	19.94	21	0
5	64QAM	12	7	19.98	20.06	19.96		
5	64QAM	12	13	20.01	20.03	20.05		
5	64QAM	25	0	20.04	20.11	19.97		

Band 14 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		20.33		21	0
10	QPSK	1	25		20.19			
10	QPSK	1	49		20.07			
10	QPSK	25	0		20.21		21	0
10	QPSK	25	12		20.08			
10	QPSK	25	25		20.15			
10	QPSK	50	0		20.17			
10	16QAM	1	0		20.21		21	0
10	16QAM	1	25		20.19			
10	16QAM	1	49		20.21			
10	16QAM	25	0		20.25		21	0
10	16QAM	25	12		20.16			
10	16QAM	25	25		20.06			
10	16QAM	50	0		20.18			
10	64QAM	1	0		20.24		21	0
10	64QAM	1	25		20.22			
10	64QAM	1	49		20.17			
10	64QAM	25	0		20.30		21	0
10	64QAM	25	12		20.30			
10	64QAM	25	25		20.21			
10	64QAM	50	0		20.21			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	20.21	20.28	20.22	21	0
5	QPSK	1	12	20.14	20.10	20.13		
5	QPSK	1	24	19.96	20.00	19.96		
5	QPSK	12	0	20.13	20.09	20.16	21	0
5	QPSK	12	7	19.98	20.03	20.02		
5	QPSK	12	13	20.03	20.07	20.04		
5	QPSK	25	0	20.05	20.07	20.06		
5	16QAM	1	0	20.16	20.09	20.15	21	0
5	16QAM	1	12	20.09	20.08	20.09		
5	16QAM	1	24	20.09	20.12	20.16		
5	16QAM	12	0	20.21	20.16	20.19	21	0
5	16QAM	12	7	20.05	20.11	20.07		
5	16QAM	12	13	19.98	20.00	20.02		
5	16QAM	25	0	20.11	20.08	20.13		
5	64QAM	1	0	20.05	20.25	20.17	21	0
5	64QAM	1	12	20.03	20.13	20.11		
5	64QAM	1	24	20.02	20.21	20.04		
5	64QAM	12	0	20.13	20.19	20.07	21	0
5	64QAM	12	7	20.05	20.24	20.15		
5	64QAM	12	13	20.06	20.09	20.04		
5	64QAM	25	0	20.10	20.23	20.16		

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	16.40	16.59	16.54	17	0
20	QPSK	1	49	16.35	16.48	16.44		
20	QPSK	1	99	16.34	16.42	16.39		
20	QPSK	50	0	16.39	16.53	16.52	17	0
20	QPSK	50	24	16.33	16.49	16.45		
20	QPSK	50	50	16.33	16.36	16.38		
20	QPSK	100	0	16.34	16.55	16.49		
20	16QAM	1	0	16.31	16.57	16.51	17	0
20	16QAM	1	49	16.27	16.55	16.52		
20	16QAM	1	99	16.29	16.39	16.30		
20	16QAM	50	0	16.42	16.49	16.49	17	0
20	16QAM	50	24	16.34	16.45	16.53		
20	16QAM	50	50	16.28	16.43	16.32		
20	16QAM	100	0	16.25	16.50	16.47		
20	64QAM	1	0	16.37	16.57	16.49	17	0
20	64QAM	1	49	16.25	16.47	16.49		
20	64QAM	1	99	16.28	16.44	16.44		
20	64QAM	50	0	16.24	16.55	16.46	17	0
20	64QAM	50	24	16.37	16.52	16.51		
20	64QAM	50	50	16.32	16.43	16.35		
20	64QAM	100	0	16.37	16.58	16.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.35	16.52	16.47	17	0
15	QPSK	1	37	16.30	16.42	16.39		
15	QPSK	1	74	16.31	16.33	16.32		
15	QPSK	36	0	16.34	16.46	16.48	17	0
15	QPSK	36	20	16.24	16.41	16.41		
15	QPSK	36	39	16.25	16.33	16.32		
15	QPSK	75	0	16.28	16.50	16.41		
15	16QAM	1	0	16.23	16.53	16.43	17	0
15	16QAM	1	37	16.24	16.48	16.49		
15	16QAM	1	74	16.24	16.35	16.26		
15	16QAM	36	0	16.33	16.40	16.39	17	0
15	16QAM	36	20	16.27	16.37	16.51		
15	16QAM	36	39	16.22	16.40	16.24		
15	16QAM	75	0	16.22	16.40	16.39		
15	64QAM	1	0	16.28	16.50	16.44	17	0
15	64QAM	1	37	16.27	16.44	16.38		
15	64QAM	1	74	16.34	16.50	16.48		
15	64QAM	36	0	16.33	16.45	16.51	17	0
15	64QAM	36	20	16.21	16.45	16.48		
15	64QAM	36	39	16.34	16.43	16.51		
15	64QAM	75	0	16.33	16.41	16.49		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.30	16.49	16.49	17	0
10	QPSK	1	25	16.26	16.44	16.35		
10	QPSK	1	49	16.28	16.40	16.36		
10	QPSK	25	0	16.33	16.45	16.48	17	0
10	QPSK	25	12	16.29	16.41	16.42		
10	QPSK	25	25	16.24	16.31	16.34		
10	QPSK	50	0	16.26	16.47	16.46		
10	16QAM	1	0	16.23	16.57	16.46	17	0
10	16QAM	1	25	16.21	16.52	16.43		
10	16QAM	1	49	16.25	16.32	16.26		
10	16QAM	25	0	16.36	16.44	16.42	17	0
10	16QAM	25	12	16.29	16.42	16.44		
10	16QAM	25	25	16.23	16.38	16.23		
10	16QAM	50	0	16.18	16.44	16.37		
10	64QAM	1	0	16.31	16.51	16.44	17	0
10	64QAM	1	25	16.35	16.47	16.53		
10	64QAM	1	49	16.21	16.57	16.35		
10	64QAM	25	0	16.34	16.55	16.48	17	0
10	64QAM	25	12	16.27	16.42	16.39		
10	64QAM	25	25	16.35	16.52	16.38		
10	64QAM	50	0	16.33	16.42	16.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.30	16.53	16.48	17	0
5	QPSK	1	12	16.30	16.41	16.41		
5	QPSK	1	24	16.25	16.36	16.36		
5	QPSK	12	0	16.32	16.44	16.48	17	0
5	QPSK	12	7	16.27	16.44	16.43		
5	QPSK	12	13	16.30	16.30	16.29		
5	QPSK	25	0	16.30	16.47	16.43		
5	16QAM	1	0	16.22	16.57	16.45	17	0
5	16QAM	1	12	16.19	16.46	16.46		
5	16QAM	1	24	16.20	16.37	16.26		
5	16QAM	12	0	16.38	16.41	16.39	17	0
5	16QAM	12	7	16.29	16.37	16.47		
5	16QAM	12	13	16.23	16.36	16.30		
5	16QAM	25	0	16.22	16.43	16.42		
5	64QAM	1	0	16.23	16.50	16.40	17	0
5	64QAM	1	12	16.24	16.57	16.52		
5	64QAM	1	24	16.30	16.47	16.36		
5	64QAM	12	0	16.35	16.46	16.35	17	0
5	64QAM	12	7	16.24	16.49	16.38		
5	64QAM	12	13	16.34	16.54	16.39		
5	64QAM	25	0	16.29	16.46	16.51		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.37	16.52	16.49	17	0
3	QPSK	1	8	16.32	16.44	16.35		
3	QPSK	1	14	16.30	16.34	16.30		
3	QPSK	8	0	16.32	16.44	16.43	17	0
3	QPSK	8	4	16.31	16.45	16.42		
3	QPSK	8	7	16.27	16.29	16.36		
3	QPSK	15	0	16.29	16.50	16.45		
3	16QAM	1	0	16.24	16.54	16.43	17	0
3	16QAM	1	8	16.23	16.47	16.49		
3	16QAM	1	14	16.21	16.37	16.27		
3	16QAM	8	0	16.40	16.39	16.41	17	0
3	16QAM	8	4	16.28	16.41	16.48		
3	16QAM	8	7	16.26	16.38	16.26		
3	16QAM	15	0	16.21	16.46	16.40		
3	64QAM	1	0	16.36	16.56	16.52	17	0
3	64QAM	1	8	16.23	16.55	16.45		
3	64QAM	1	14	16.31	16.43	16.38		
3	64QAM	8	0	16.25	16.47	16.38	17	0
3	64QAM	8	4	16.26	16.40	16.37		
3	64QAM	8	7	16.31	16.55	16.37		
3	64QAM	15	0	16.22	16.42	16.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.38	16.48	16.49	17	0
1.4	QPSK	1	3	16.29	16.39	16.38		
1.4	QPSK	1	5	16.26	16.37	16.30		
1.4	QPSK	3	0	16.35	16.47	16.46		
1.4	QPSK	3	1	16.24	16.46	16.38		
1.4	QPSK	3	3	16.26	16.28	16.32		
1.4	QPSK	6	0	16.26	16.50	16.46	17	0
1.4	16QAM	1	0	16.24	16.54	16.47	17	0
1.4	16QAM	1	3	16.19	16.53	16.42		
1.4	16QAM	1	5	16.21	16.34	16.22		
1.4	16QAM	3	0	16.38	16.41	16.47		
1.4	16QAM	3	1	16.32	16.42	16.43		
1.4	16QAM	3	3	16.20	16.38	16.29		
1.4	16QAM	6	0	16.20	16.43	16.43	17	0
1.4	64QAM	1	0	16.35	16.50	16.52	17	0
1.4	64QAM	1	3	16.29	16.58	16.43		
1.4	64QAM	1	5	16.23	16.40	16.43		
1.4	64QAM	3	0	16.24	16.47	16.51		
1.4	64QAM	3	1	16.32	16.41	16.46		
1.4	64QAM	3	3	16.38	16.46	16.38		
1.4	64QAM	6	0	16.25	16.57	16.46	17	0

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.43	16.66	16.60	17	0
20	QPSK	1	49	16.42	16.47	16.43		
20	QPSK	1	99	16.35	16.42	16.32		
20	QPSK	50	0	16.45	16.60	16.53	17	0
20	QPSK	50	24	16.42	16.48	16.49		
20	QPSK	50	50	16.35	16.38	16.38		
20	QPSK	100	0	16.38	16.47	16.44		
20	16QAM	1	0	16.43	16.63	16.57	17	0
20	16QAM	1	49	16.37	16.44	16.43		
20	16QAM	1	99	16.37	16.44	16.30		
20	16QAM	50	0	16.46	16.62	16.59	17	0
20	16QAM	50	24	16.40	16.44	16.43		
20	16QAM	50	50	16.39	16.38	16.38		
20	16QAM	100	0	16.41	16.43	16.46		
20	64QAM	1	0	16.35	16.59	16.59	17	0
20	64QAM	1	49	16.41	16.62	16.48		
20	64QAM	1	99	16.32	16.56	16.54		
20	64QAM	50	0	16.30	16.56	16.55	17	0
20	64QAM	50	24	16.29	16.61	16.51		
20	64QAM	50	50	16.31	16.64	16.42		
20	64QAM	100	0	16.24	16.53	16.51		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.33	16.60	16.51	17	0
15	QPSK	1	37	16.36	16.42	16.37		
15	QPSK	1	74	16.26	16.39	16.30		
15	QPSK	36	0	16.35	16.52	16.50	17	0
15	QPSK	36	20	16.35	16.40	16.39		
15	QPSK	36	39	16.27	16.29	16.28		
15	QPSK	75	0	16.34	16.40	16.36		
15	16QAM	1	0	16.39	16.60	16.52	17	0
15	16QAM	1	37	16.35	16.37	16.38		
15	16QAM	1	74	16.34	16.34	16.21		
15	16QAM	36	0	16.39	16.59	16.52	17	0
15	16QAM	36	20	16.35	16.39	16.34		
15	16QAM	36	39	16.34	16.29	16.34		
15	16QAM	75	0	16.31	16.34	16.38		
15	64QAM	1	0	16.27	16.63	16.56	17	0
15	64QAM	1	37	16.24	16.53	16.52		
15	64QAM	1	74	16.30	16.64	16.41		
15	64QAM	36	0	16.36	16.51	16.58	17	0
15	64QAM	36	20	16.30	16.53	16.48		
15	64QAM	36	39	16.29	16.64	16.53		
15	64QAM	75	0	16.37	16.53	16.52		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.34	16.63	16.58	17	0
10	QPSK	1	25	16.39	16.41	16.39		
10	QPSK	1	49	16.26	16.40	16.28		
10	QPSK	25	0	16.36	16.55	16.47	17	0
10	QPSK	25	12	16.34	16.43	16.40		
10	QPSK	25	25	16.32	16.36	16.33		
10	QPSK	50	0	16.35	16.38	16.38		
10	16QAM	1	0	16.38	16.61	16.53	17	0
10	16QAM	1	25	16.27	16.41	16.36		
10	16QAM	1	49	16.30	16.42	16.21		
10	16QAM	25	0	16.44	16.52	16.52	17	0
10	16QAM	25	12	16.31	16.35	16.36		
10	16QAM	25	25	16.31	16.32	16.36		
10	16QAM	50	0	16.38	16.34	16.40		
10	64QAM	1	0	16.40	16.55	16.42	17	0
10	64QAM	1	25	16.32	16.63	16.52		
10	64QAM	1	49	16.27	16.63	16.46		
10	64QAM	25	0	16.26	16.58	16.49	17	0
10	64QAM	25	12	16.29	16.48	16.44		
10	64QAM	25	25	16.37	16.61	16.46		
10	64QAM	50	0	16.42	16.53	16.56		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.36	16.59	16.54	17	0
5	QPSK	1	12	16.38	16.45	16.38		
5	QPSK	1	24	16.28	16.33	16.24		
5	QPSK	12	0	16.39	16.52	16.49	17	0
5	QPSK	12	7	16.32	16.42	16.47		
5	QPSK	12	13	16.25	16.28	16.33		
5	QPSK	25	0	16.36	16.38	16.34		
5	16QAM	1	0	16.37	16.55	16.49	17	0
5	16QAM	1	12	16.34	16.37	16.35		
5	16QAM	1	24	16.29	16.39	16.26		
5	16QAM	12	0	16.40	16.53	16.52	17	0
5	16QAM	12	7	16.34	16.39	16.41		
5	16QAM	12	13	16.29	16.34	16.34		
5	16QAM	25	0	16.31	16.38	16.37		
5	64QAM	1	0	16.34	16.60	16.42	17	0
5	64QAM	1	12	16.38	16.52	16.44		
5	64QAM	1	24	16.27	16.60	16.49		
5	64QAM	12	0	16.33	16.62	16.53	17	0
5	64QAM	12	7	16.30	16.48	16.57		
5	64QAM	12	13	16.38	16.58	16.56		
5	64QAM	25	0	16.41	16.51	16.48		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.36	16.63	16.52	17	0
3	QPSK	1	8	16.32	16.37	16.40		
3	QPSK	1	14	16.30	16.38	16.28		
3	QPSK	8	0	16.36	16.57	16.49	17	0
3	QPSK	8	4	16.35	16.39	16.39		
3	QPSK	8	7	16.29	16.28	16.33		
3	QPSK	15	0	16.30	16.45	16.40		
3	16QAM	1	0	16.33	16.60	16.50	17	0
3	16QAM	1	8	16.32	16.40	16.34		
3	16QAM	1	14	16.31	16.34	16.24		
3	16QAM	8	0	16.39	16.57	16.50	17	0
3	16QAM	8	4	16.35	16.42	16.34		
3	16QAM	8	7	16.31	16.28	16.33		
3	16QAM	15	0	16.34	16.36	16.42		
3	64QAM	1	0	16.32	16.50	16.56	17	0
3	64QAM	1	8	16.33	16.48	16.52		
3	64QAM	1	14	16.31	16.63	16.44		
3	64QAM	8	0	16.37	16.58	16.48	17	0
3	64QAM	8	4	16.27	16.56	16.50		
3	64QAM	8	7	16.35	16.54	16.49		
3	64QAM	15	0	16.29	16.59	16.52		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.33	16.63	16.53	17	0
1.4	QPSK	1	3	16.37	16.38	16.41		
1.4	QPSK	1	5	16.29	16.39	16.26		
1.4	QPSK	3	0	16.40	16.54	16.50		
1.4	QPSK	3	1	16.35	16.39	16.39		
1.4	QPSK	3	3	16.30	16.33	16.30		
1.4	QPSK	6	0	16.34	16.43	16.35	17	0
1.4	16QAM	1	0	16.40	16.56	16.47	17	0
1.4	16QAM	1	3	16.30	16.38	16.37		
1.4	16QAM	1	5	16.31	16.38	16.28		
1.4	16QAM	3	0	16.40	16.59	16.53		
1.4	16QAM	3	1	16.34	16.35	16.35		
1.4	16QAM	3	3	16.33	16.35	16.35		
1.4	16QAM	6	0	16.32	16.35	16.39	17	0
1.4	64QAM	1	0	16.38	16.60	16.44	17	0
1.4	64QAM	1	3	16.28	16.49	16.50		
1.4	64QAM	1	5	16.24	16.50	16.51		
1.4	64QAM	3	0	16.35	16.54	16.42		
1.4	64QAM	3	1	16.32	16.50	16.50		
1.4	64QAM	3	3	16.42	16.51	16.45		
1.4	64QAM	6	0	16.36	16.59	16.44	17	0

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.51	13.77	13.63	14	0
20	QPSK	1	49	13.55	13.41	13.55		
20	QPSK	1	99	13.38	13.55	13.48		
20	QPSK	50	0	13.55	13.73	13.71	14	0
20	QPSK	50	24	13.53	13.47	13.69		
20	QPSK	50	50	13.35	13.57	13.50		
20	QPSK	100	0	13.63	13.55	13.68		
20	16QAM	1	0	13.57	13.64	13.64	14	0
20	16QAM	1	49	13.56	13.54	13.54		
20	16QAM	1	99	13.37	13.54	13.55		
20	16QAM	50	0	13.58	13.70	13.62	14	0
20	16QAM	50	24	13.59	13.46	13.67		
20	16QAM	50	50	13.36	13.52	13.41		
20	16QAM	100	0	13.52	13.51	13.64		
20	64QAM	1	0	13.46	13.63	13.56	14	0
20	64QAM	1	49	13.42	13.70	13.49		
20	64QAM	1	99	13.46	13.64	13.55		
20	64QAM	50	0	13.38	13.65	13.51	14	0
20	64QAM	50	24	13.45	13.76	13.45		
20	64QAM	50	50	13.32	13.65	13.54		
20	64QAM	100	0	13.33	13.62	13.44		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.42	13.68	13.57	14	0
15	QPSK	1	37	13.52	13.37	13.46		
15	QPSK	1	74	13.29	13.45	13.44		
15	QPSK	36	0	13.50	13.65	13.66	14	0
15	QPSK	36	20	13.47	13.41	13.62		
15	QPSK	36	39	13.26	13.54	13.41		
15	QPSK	75	0	13.59	13.49	13.60		
15	16QAM	1	0	13.48	13.54	13.56	14	0
15	16QAM	1	37	13.53	13.46	13.45		
15	16QAM	1	74	13.27	13.47	13.49		
15	16QAM	36	0	13.55	13.67	13.56	14	0
15	16QAM	36	20	13.52	13.39	13.59		
15	16QAM	36	39	13.32	13.42	13.32		
15	16QAM	75	0	13.44	13.42	13.58		
15	64QAM	1	0	13.38	13.62	13.62	14	0
15	64QAM	1	37	13.44	13.67	13.57		
15	64QAM	1	74	13.47	13.66	13.46		
15	64QAM	36	0	13.45	13.72	13.61	14	0
15	64QAM	36	20	13.42	13.66	13.58		
15	64QAM	36	39	13.39	13.64	13.49		
15	64QAM	75	0	13.36	13.68	13.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.41	13.68	13.53	14	0
10	QPSK	1	25	13.49	13.37	13.47		
10	QPSK	1	49	13.31	13.49	13.43		
10	QPSK	25	0	13.46	13.65	13.70	14	0
10	QPSK	25	12	13.48	13.37	13.61		
10	QPSK	25	25	13.30	13.47	13.40		
10	QPSK	50	0	13.56	13.48	13.63		
10	16QAM	1	0	13.53	13.54	13.55	14	0
10	16QAM	1	25	13.46	13.47	13.47		
10	16QAM	1	49	13.32	13.46	13.50		
10	16QAM	25	0	13.49	13.70	13.54	14	0
10	16QAM	25	12	13.51	13.40	13.60		
10	16QAM	25	25	13.32	13.46	13.33		
10	16QAM	50	0	13.48	13.42	13.61		
10	64QAM	1	0	13.47	13.76	13.45	14	0
10	64QAM	1	25	13.44	13.63	13.48		
10	64QAM	1	49	13.38	13.72	13.54		
10	64QAM	25	0	13.47	13.65	13.53	14	0
10	64QAM	25	12	13.43	13.59	13.53		
10	64QAM	25	25	13.42	13.71	13.58		
10	64QAM	50	0	13.37	13.73	13.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.47	13.67	13.54	14	0
5	QPSK	1	12	13.46	13.34	13.49		
5	QPSK	1	24	13.34	13.45	13.39		
5	QPSK	12	0	13.45	13.62	13.68	14	0
5	QPSK	12	7	13.45	13.38	13.64		
5	QPSK	12	13	13.31	13.48	13.40		
5	QPSK	25	0	13.55	13.48	13.57		
5	16QAM	1	0	13.48	13.60	13.59	14	0
5	16QAM	1	12	13.45	13.45	13.48		
5	16QAM	1	24	13.27	13.49	13.51		
5	16QAM	12	0	13.55	13.69	13.54	14	0
5	16QAM	12	7	13.54	13.37	13.61		
5	16QAM	12	13	13.25	13.47	13.34		
5	16QAM	25	0	13.49	13.48	13.59		
5	64QAM	1	0	13.48	13.64	13.61	14	0
5	64QAM	1	12	13.43	13.69	13.49		
5	64QAM	1	24	13.34	13.61	13.55		
5	64QAM	12	0	13.42	13.73	13.56	14	0
5	64QAM	12	7	13.40	13.69	13.48		
5	64QAM	12	13	13.41	13.68	13.47		
5	64QAM	25	0	13.40	13.74	13.46		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.42	13.65	13.54	14	0
3	QPSK	1	8	13.48	13.34	13.50		
3	QPSK	1	14	13.27	13.52	13.43		
3	QPSK	8	0	13.50	13.68	13.71	14	0
3	QPSK	8	4	13.44	13.40	13.65		
3	QPSK	8	7	13.30	13.53	13.39		
3	QPSK	15	0	13.55	13.45	13.59		
3	16QAM	1	0	13.48	13.57	13.55	14	0
3	16QAM	1	8	13.46	13.45	13.49		
3	16QAM	1	14	13.31	13.50	13.50		
3	16QAM	8	0	13.48	13.71	13.57	14	0
3	16QAM	8	4	13.56	13.36	13.61		
3	16QAM	8	7	13.27	13.47	13.38		
3	16QAM	15	0	13.47	13.44	13.56		
3	64QAM	1	0	13.39	13.74	13.55	14	0
3	64QAM	1	8	13.44	13.62	13.45		
3	64QAM	1	14	13.45	13.74	13.47		
3	64QAM	8	0	13.39	13.74	13.45	14	0
3	64QAM	8	4	13.34	13.73	13.59		
3	64QAM	8	7	13.45	13.63	13.57		
3	64QAM	15	0	13.44	13.70	13.55		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.43	13.70	13.52	14	0
1.4	QPSK	1	3	13.44	13.35	13.47		
1.4	QPSK	1	5	13.27	13.51	13.37		
1.4	QPSK	3	0	13.48	13.67	13.67		
1.4	QPSK	3	1	13.46	13.42	13.64		
1.4	QPSK	3	3	13.26	13.50	13.42		
1.4	QPSK	6	0	13.54	13.45	13.63	14	0
1.4	16QAM	1	0	13.52	13.56	13.58	14	0
1.4	16QAM	1	3	13.51	13.50	13.45		
1.4	16QAM	1	5	13.27	13.51	13.45		
1.4	16QAM	3	0	13.51	13.66	13.52		
1.4	16QAM	3	1	13.53	13.39	13.56		
1.4	16QAM	3	3	13.30	13.48	13.38		
1.4	16QAM	6	0	13.41	13.47	13.60	14	0
1.4	64QAM	1	0	13.37	13.74	13.54	14	0
1.4	64QAM	1	3	13.45	13.68	13.48		
1.4	64QAM	1	5	13.49	13.70	13.51		
1.4	64QAM	3	0	13.39	13.71	13.52		
1.4	64QAM	3	1	13.32	13.64	13.45		
1.4	64QAM	3	3	13.43	13.75	13.47		
1.4	64QAM	6	0	13.39	13.63	13.55	14	0

Band 30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		12.69		13.5	0
10	QPSK	1	25		12.39			
10	QPSK	1	49		12.41			
10	QPSK	25	0		12.58		13.5	0
10	QPSK	25	12		12.38			
10	QPSK	25	25		12.52			
10	QPSK	50	0		12.51			
10	16QAM	1	0		12.53		13.5	0
10	16QAM	1	25		12.44			
10	16QAM	1	49		12.57			
10	16QAM	25	0		12.61		13.5	0
10	16QAM	25	12		12.43			
10	16QAM	25	25		12.41			
10	16QAM	50	0		12.41			
10	64QAM	1	0		12.63		13.5	0
10	64QAM	1	25		12.61			
10	64QAM	1	49		12.57			
10	64QAM	25	0		12.53		13.5	0
10	64QAM	25	12		12.65			
10	64QAM	25	25		12.58			
10	64QAM	50	0		12.52			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	12.57	12.65	12.65	13.5	0
5	QPSK	1	12	12.29	12.30	12.34		
5	QPSK	1	24	12.30	12.31	12.35		
5	QPSK	12	0	12.48	12.47	12.47	13.5	0
5	QPSK	12	7	12.31	12.34	12.31		
5	QPSK	12	13	12.47	12.43	12.40		
5	QPSK	25	0	12.39	12.40	12.43		
5	16QAM	1	0	12.42	12.45	12.47	13.5	0
5	16QAM	1	12	12.36	12.38	12.36		
5	16QAM	1	24	12.47	12.46	12.51		
5	16QAM	12	0	12.54	12.56	12.51	13.5	0
5	16QAM	12	7	12.37	12.36	12.37		
5	16QAM	12	13	12.36	12.31	12.31		
5	16QAM	25	0	12.34	12.35	12.32		
5	64QAM	1	0	12.44	12.47	12.50	13.5	0
5	64QAM	1	12	12.48	12.50	12.58		
5	64QAM	1	24	12.53	12.53	12.50		
5	64QAM	12	0	12.47	12.62	12.51	13.5	0
5	64QAM	12	7	12.45	12.52	12.62		
5	64QAM	12	13	12.45	12.47	12.62		
5	64QAM	25	0	12.49	12.63	12.57		

Reduced Power Mode for Sensor on ENDC

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.65	13.95	13.72	14.5	0
20	QPSK	1	49	13.65	13.87	13.64		
20	QPSK	1	99	13.49	13.65	13.68		
20	QPSK	50	0	13.67	13.88	13.68	14.5	0
20	QPSK	50	24	13.61	13.74	13.80		
20	QPSK	50	50	13.58	13.66	13.56		
20	QPSK	100	0	13.68	13.72	13.69		
20	16QAM	1	0	13.57	13.74	13.63	14.5	0
20	16QAM	1	49	13.56	13.55	13.66		
20	16QAM	1	99	13.59	13.78	13.76		
20	16QAM	50	0	13.71	13.69	13.61	14.5	0
20	16QAM	50	24	13.53	13.70	13.62		
20	16QAM	50	50	13.65	13.74	13.67		
20	16QAM	100	0	13.42	13.75	13.56		
20	64QAM	1	0	13.54	13.84	13.62	14.5	0
20	64QAM	1	49	13.63	13.84	13.54		
20	64QAM	1	99	13.51	13.79	13.59		
20	64QAM	50	0	13.54	13.89	13.62	14.5	0
20	64QAM	50	24	13.48	13.85	13.65		
20	64QAM	50	50	13.54	13.86	13.62		
20	64QAM	100	0	13.58	13.84	13.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.68	13.82	13.65	14.5	0
15	QPSK	1	37	13.56	13.86	13.73		
15	QPSK	1	74	13.61	13.62	13.56		
15	QPSK	36	0	13.64	13.84	13.74	14.5	0
15	QPSK	36	20	13.60	13.60	13.75		
15	QPSK	36	39	13.60	13.58	13.57		
15	QPSK	75	0	13.67	13.78	13.71		
15	16QAM	1	0	13.67	13.78	13.61	14.5	0
15	16QAM	1	37	13.69	13.57	13.74		
15	16QAM	1	74	13.55	13.80	13.79		
15	16QAM	36	0	13.58	13.71	13.65	14.5	0
15	16QAM	36	20	13.52	13.70	13.75		
15	16QAM	36	39	13.70	13.76	13.73		
15	16QAM	75	0	13.55	13.59	13.70		
15	64QAM	1	0	13.60	13.88	13.53	14.5	0
15	64QAM	1	37	13.51	13.92	13.65		
15	64QAM	1	74	13.54	13.85	13.54		
15	64QAM	36	0	13.48	13.92	13.56	14.5	0
15	64QAM	36	20	13.58	13.77	13.63		
15	64QAM	36	39	13.50	13.78	13.57		
15	64QAM	75	0	13.56	13.80	13.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.63	13.85	13.77	14.5	0
10	QPSK	1	25	13.66	13.83	13.80		
10	QPSK	1	49	13.64	13.57	13.67		
10	QPSK	25	0	13.69	13.72	13.78	14.5	0
10	QPSK	25	12	13.60	13.65	13.74		
10	QPSK	25	25	13.62	13.66	13.66		
10	QPSK	50	0	13.65	13.72	13.70		
10	16QAM	1	0	13.63	13.66	13.63	14.5	0
10	16QAM	1	25	13.68	13.64	13.73		
10	16QAM	1	49	13.71	13.86	13.71		
10	16QAM	25	0	13.70	13.71	13.66	14.5	0
10	16QAM	25	12	13.57	13.77	13.76		
10	16QAM	25	25	13.59	13.67	13.70		
10	16QAM	50	0	13.53	13.75	13.53		
10	64QAM	1	0	13.61	13.79	13.66	14.5	0
10	64QAM	1	25	13.62	13.83	13.54		
10	64QAM	1	49	13.50	13.77	13.71		
10	64QAM	25	0	13.54	13.87	13.64	14.5	0
10	64QAM	25	12	13.60	13.84	13.71		
10	64QAM	25	25	13.49	13.80	13.55		
10	64QAM	50	0	13.54	13.80	13.56		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.68	13.86	13.70	14.5	0
5	QPSK	1	12	13.57	13.75	13.71		
5	QPSK	1	24	13.60	13.52	13.62		
5	QPSK	12	0	13.71	13.80	13.74	14.5	0
5	QPSK	12	7	13.48	13.73	13.64		
5	QPSK	12	13	13.60	13.74	13.54		
5	QPSK	25	0	13.71	13.82	13.69		
5	16QAM	1	0	13.59	13.80	13.56	14.5	0
5	16QAM	1	12	13.65	13.54	13.72		
5	16QAM	1	24	13.55	13.75	13.74		
5	16QAM	12	0	13.71	13.61	13.66	14.5	0
5	16QAM	12	7	13.67	13.68	13.76		
5	16QAM	12	13	13.67	13.72	13.66		
5	16QAM	25	0	13.48	13.59	13.63		
5	64QAM	1	0	13.56	13.88	13.69	14.5	0
5	64QAM	1	12	13.48	13.77	13.68		
5	64QAM	1	24	13.53	13.83	13.71		
5	64QAM	12	0	13.50	13.86	13.67	14.5	0
5	64QAM	12	7	13.51	13.90	13.54		
5	64QAM	12	13	13.52	13.83	13.64		
5	64QAM	25	0	13.53	13.88	13.60		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.70	13.80	13.69	14.5	0
3	QPSK	1	8	13.58	13.73	13.73		
3	QPSK	1	14	13.49	13.66	13.60		
3	QPSK	8	0	13.61	13.78	13.64	14.5	0
3	QPSK	8	4	13.59	13.76	13.69		
3	QPSK	8	7	13.63	13.65	13.54		
3	QPSK	15	0	13.67	13.85	13.70		
3	16QAM	1	0	13.62	13.72	13.58	14.5	0
3	16QAM	1	8	13.54	13.61	13.74		
3	16QAM	1	14	13.67	13.89	13.78		
3	16QAM	8	0	13.56	13.67	13.60	14.5	0
3	16QAM	8	4	13.57	13.72	13.70		
3	16QAM	8	7	13.61	13.74	13.61		
3	16QAM	15	0	13.57	13.59	13.66		
3	64QAM	1	0	13.47	13.85	13.70	14.5	0
3	64QAM	1	8	13.60	13.86	13.62		
3	64QAM	1	14	13.58	13.88	13.62		
3	64QAM	8	0	13.64	13.83	13.60	14.5	0
3	64QAM	8	4	13.55	13.83	13.55		
3	64QAM	8	7	13.63	13.87	13.61		
3	64QAM	15	0	13.62	13.81	13.67		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.67	13.91	13.67	14.5	0
1.4	QPSK	1	3	13.61	13.80	13.70		
1.4	QPSK	1	5	13.64	13.65	13.70		
1.4	QPSK	3	0	13.62	13.80	13.78		
1.4	QPSK	3	1	13.58	13.67	13.81		
1.4	QPSK	3	3	13.57	13.66	13.59		
1.4	QPSK	6	0	13.75	13.83	13.69	14.5	0
1.4	16QAM	1	0	13.57	13.67	13.68	14.5	0
1.4	16QAM	1	3	13.59	13.56	13.70		
1.4	16QAM	1	5	13.71	13.87	13.63		
1.4	16QAM	3	0	13.68	13.62	13.58		
1.4	16QAM	3	1	13.63	13.66	13.74		
1.4	16QAM	3	3	13.69	13.75	13.72		
1.4	16QAM	6	0	13.55	13.75	13.59	14.5	0
1.4	64QAM	1	0	13.57	13.81	13.68	14.5	0
1.4	64QAM	1	3	13.47	13.82	13.67		
1.4	64QAM	1	5	13.63	13.93	13.58		
1.4	64QAM	3	0	13.50	13.80	13.55		
1.4	64QAM	3	1	13.59	13.77	13.54		
1.4	64QAM	3	3	13.51	13.76	13.66		
1.4	64QAM	6	0	13.49	13.89	13.64	14.5	0

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	20.74	20.99	20.92	22	0
10	QPSK	1	25	20.77	20.87	20.83		
10	QPSK	1	49	20.76	20.74	20.71		
10	QPSK	25	0	20.74	20.92	20.88	22	0
10	QPSK	25	12	20.71	20.86	20.78		
10	QPSK	25	25	20.62	20.71	20.81		
10	QPSK	50	0	20.75	20.91	20.75		
10	16QAM	1	0	20.77	20.94	20.88	22	0
10	16QAM	1	25	20.70	20.82	20.79		
10	16QAM	1	49	20.67	20.83	20.75		
10	16QAM	25	0	20.78	20.90	20.93	22	0
10	16QAM	25	12	20.71	20.80	20.86		
10	16QAM	25	25	20.68	20.74	20.67		
10	16QAM	50	0	20.78	20.82	20.71		
10	64QAM	1	0	20.56	20.86	20.74	22	0
10	64QAM	1	25	20.59	20.84	20.73		
10	64QAM	1	49	20.64	20.97	20.90		
10	64QAM	25	0	20.66	20.94	20.79	22	0
10	64QAM	25	12	20.71	20.88	20.82		
10	64QAM	25	25	20.55	20.89	20.78		
10	64QAM	50	0	20.67	20.86	20.81		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.71	20.89	20.79	22	0
5	QPSK	1	12	20.69	20.75	20.72		
5	QPSK	1	24	20.71	20.62	20.58		
5	QPSK	12	0	20.61	20.84	20.83	22	0
5	QPSK	12	7	20.59	20.81	20.75		
5	QPSK	12	13	20.57	20.62	20.78		
5	QPSK	25	0	20.64	20.79	20.67		
5	16QAM	1	0	20.71	20.86	20.83	22	0
5	16QAM	1	12	20.58	20.78	20.69		
5	16QAM	1	24	20.56	20.74	20.67		
5	16QAM	12	0	20.73	20.78	20.83	22	0
5	16QAM	12	7	20.65	20.74	20.75		
5	16QAM	12	13	20.58	20.63	20.62		
5	16QAM	25	0	20.74	20.72	20.64		
5	64QAM	1	0	20.63	20.91	20.79	22	0
5	64QAM	1	12	20.65	20.93	20.73		
5	64QAM	1	24	20.63	20.83	20.79		
5	64QAM	12	0	20.73	20.91	20.82	22	0
5	64QAM	12	7	20.63	20.90	20.88		
5	64QAM	12	13	20.64	20.92	20.84		
5	64QAM	25	0	20.69	20.85	20.87		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.70	20.91	20.79	22	0
3	QPSK	1	8	20.67	20.79	20.74		
3	QPSK	1	14	20.65	20.62	20.64		
3	QPSK	8	0	20.68	20.81	20.76	22	0
3	QPSK	8	4	20.65	20.83	20.75		
3	QPSK	8	7	20.58	20.60	20.70		
3	QPSK	15	0	20.66	20.79	20.72		
3	16QAM	1	0	20.70	20.88	20.75	22	0
3	16QAM	1	8	20.65	20.75	20.68		
3	16QAM	1	14	20.62	20.70	20.68		
3	16QAM	8	0	20.66	20.81	20.88	22	0
3	16QAM	8	4	20.62	20.75	20.81		
3	16QAM	8	7	20.57	20.70	20.54		
3	16QAM	15	0	20.70	20.72	20.59		
3	64QAM	1	0	20.58	20.83	20.88	22	0
3	64QAM	1	8	20.61	20.94	20.77		
3	64QAM	1	14	20.72	20.97	20.79		
3	64QAM	8	0	20.70	20.83	20.90	22	0
3	64QAM	8	4	20.60	20.87	20.75		
3	64QAM	8	7	20.65	20.89	20.77		
3	64QAM	15	0	20.68	20.81	20.88		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.65	20.92	20.86	22	0
1.4	QPSK	1	3	20.70	20.75	20.74		
1.4	QPSK	1	5	20.64	20.68	20.68		
1.4	QPSK	3	0	20.63	20.87	20.84		
1.4	QPSK	3	1	20.68	20.75	20.65		
1.4	QPSK	3	3	20.53	20.66	20.68		
1.4	QPSK	6	0	20.69	20.87	20.71	22	0
1.4	16QAM	1	0	20.69	20.88	20.85	22	0
1.4	16QAM	1	3	20.59	20.71	20.76		
1.4	16QAM	1	5	20.58	20.74	20.70		
1.4	16QAM	3	0	20.71	20.81	20.84		
1.4	16QAM	3	1	20.65	20.71	20.83		
1.4	16QAM	3	3	20.65	20.64	20.60		
1.4	16QAM	6	0	20.73	20.78	20.60	22	0
1.4	64QAM	1	0	20.68	20.89	20.77	22	0
1.4	64QAM	1	3	20.72	20.97	20.79		
1.4	64QAM	1	5	20.59	20.92	20.89		
1.4	64QAM	3	0	20.64	20.86	20.89		
1.4	64QAM	3	1	20.60	20.90	20.82		
1.4	64QAM	3	3	20.71	20.88	20.84		
1.4	64QAM	6	0	20.68	20.89	20.82	22	0

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	10.97	11.26	11.22	11.5	0
20	QPSK	1	49	10.97	11.06	11.10		
20	QPSK	1	99	10.92	11.05	10.96		
20	QPSK	50	0	11.06	11.19	11.09	11.5	0
20	QPSK	50	24	10.97	11.03	11.02		
20	QPSK	50	50	11.02	11.09	11.08		
20	QPSK	100	0	10.97	11.07	10.97		
20	16QAM	1	0	11.01	11.28	11.15	11.5	0
20	16QAM	1	49	10.96	11.12	11.03		
20	16QAM	1	99	10.91	10.91	11.05		
20	16QAM	50	0	10.93	11.25	11.11	11.5	0
20	16QAM	50	24	11.01	11.17	11.04		
20	16QAM	50	50	10.96	10.96	10.94		
20	16QAM	100	0	10.95	11.05	11.07		
20	64QAM	1	0	10.89	11.18	11.16	11.5	0
20	64QAM	1	49	10.93	11.07	11.16		
20	64QAM	1	99	10.90	11.16	11.08		
20	64QAM	50	0	10.79	11.23	11.03	11.5	0
20	64QAM	50	24	10.87	11.16	11.18		
20	64QAM	50	50	10.93	11.17	11.09		
20	64QAM	100	0	10.90	11.20	11.19		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	10.92	11.23	11.17	11.5	0
15	QPSK	1	37	11.02	11.08	11.12		
15	QPSK	1	74	10.93	10.99	10.92		
15	QPSK	36	0	11.08	11.15	11.14	11.5	0
15	QPSK	36	20	10.96	10.98	11.04		
15	QPSK	36	39	11.01	10.97	10.98		
15	QPSK	75	0	11.05	10.98	10.98		
15	16QAM	1	0	11.07	11.27	11.09	11.5	0
15	16QAM	1	37	11.09	11.08	11.07		
15	16QAM	1	74	10.90	10.93	11.04		
15	16QAM	36	0	10.91	11.26	11.17	11.5	0
15	16QAM	36	20	10.93	11.17	11.09		
15	16QAM	36	39	11.04	10.97	11.02		
15	16QAM	75	0	10.97	11.09	11.07		
15	64QAM	1	0	10.92	11.07	11.04	11.5	0
15	64QAM	1	37	10.86	11.18	11.04		
15	64QAM	1	74	10.92	11.20	11.16		
15	64QAM	36	0	10.80	11.19	11.12	11.5	0
15	64QAM	36	20	10.78	11.13	11.19		
15	64QAM	36	39	10.79	11.16	11.12		
15	64QAM	75	0	10.91	11.07	11.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	10.90	11.24	11.15	11.5	0
10	QPSK	1	25	11.10	11.03	11.08		
10	QPSK	1	49	10.93	10.99	10.88		
10	QPSK	25	0	11.10	11.13	11.06	11.5	0
10	QPSK	25	12	11.03	10.92	11.04		
10	QPSK	25	25	10.94	11.06	11.01		
10	QPSK	50	0	11.00	11.03	10.97		
10	16QAM	1	0	11.07	11.16	11.10	11.5	0
10	16QAM	1	25	11.05	11.10	11.01		
10	16QAM	1	49	10.98	11.00	11.05		
10	16QAM	25	0	10.94	11.29	11.09	11.5	0
10	16QAM	25	12	11.02	11.07	11.05		
10	16QAM	25	25	10.97	10.89	11.07		
10	16QAM	50	0	11.02	10.95	11.07		
10	64QAM	1	0	10.95	11.23	11.12	11.5	0
10	64QAM	1	25	10.86	11.12	11.18		
10	64QAM	1	49	10.85	11.25	11.19		
10	64QAM	25	0	10.81	11.20	11.17	11.5	0
10	64QAM	25	12	10.94	11.21	11.15		
10	64QAM	25	25	10.79	11.15	11.11		
10	64QAM	50	0	10.85	11.24	11.21		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	11.04	11.22	11.06	11.5	0
5	QPSK	1	12	10.98	11.08	10.98		
5	QPSK	1	24	10.94	11.09	10.91		
5	QPSK	12	0	10.98	11.17	11.16	11.5	0
5	QPSK	12	7	10.98	11.02	11.10		
5	QPSK	12	13	10.95	10.98	11.12		
5	QPSK	25	0	11.05	10.96	10.96		
5	16QAM	1	0	11.06	11.15	11.04	11.5	0
5	16QAM	1	12	11.05	11.07	11.00		
5	16QAM	1	24	10.90	10.92	11.05		
5	16QAM	12	0	10.97	11.15	11.12	11.5	0
5	16QAM	12	7	10.97	11.18	10.96		
5	16QAM	12	13	11.00	10.98	11.08		
5	16QAM	25	0	11.00	11.06	11.11		
5	64QAM	1	0	10.96	11.23	11.16	11.5	0
5	64QAM	1	12	10.87	11.24	11.13		
5	64QAM	1	24	10.81	11.22	11.14		
5	64QAM	12	0	10.88	11.23	11.13	11.5	0
5	64QAM	12	7	10.82	11.09	11.11		
5	64QAM	12	13	10.81	11.21	11.17		
5	64QAM	25	0	10.89	11.19	11.06		

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	19.20	19.69	19.34	20	0
10	QPSK	1	25	19.23	19.26	19.37		
10	QPSK	1	49	19.26	19.22	19.24		
10	QPSK	25	0	19.15	19.60	19.38	20	0
10	QPSK	25	12	19.24	19.20	19.26		
10	QPSK	25	25	19.20	19.17	19.13		
10	QPSK	50	0	19.22	19.25	19.22		
10	16QAM	1	0	19.26	19.68	19.38	20	0
10	16QAM	1	25	19.26	19.23	19.23		
10	16QAM	1	49	19.25	19.20	19.28		
10	16QAM	25	0	19.21	19.68	19.33	20	0
10	16QAM	25	12	19.23	19.31	19.24		
10	16QAM	25	25	19.18	19.23	19.19		
10	16QAM	50	0	19.27	19.21	19.29		
10	64QAM	1	0	19.12	19.54	19.28	20	0
10	64QAM	1	25	19.13	19.51	19.22		
10	64QAM	1	49	19.17	19.58	19.17		
10	64QAM	25	0	19.13	19.56	19.21	20	0
10	64QAM	25	12	19.17	19.56	19.17		
10	64QAM	25	25	19.18	19.55	19.32		
10	64QAM	50	0	19.15	19.50	19.22		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	19.15	19.63	19.25	20	0
5	QPSK	1	12	19.17	19.19	19.26		
5	QPSK	1	24	19.18	19.19	19.14		
5	QPSK	12	0	19.03	19.51	19.34	20	0
5	QPSK	12	7	19.20	19.15	19.17		
5	QPSK	12	13	19.09	19.08	19.05		
5	QPSK	25	0	19.16	19.13	19.17		
5	16QAM	1	0	19.18	19.65	19.33	20	0
5	16QAM	1	12	19.22	19.19	19.20		
5	16QAM	1	24	19.18	19.18	19.20		
5	16QAM	12	0	19.24	19.64	19.22	20	0
5	16QAM	12	7	19.16	19.19	19.16		
5	16QAM	12	13	19.19	19.21	19.21		
5	16QAM	25	0	19.23	19.17	19.25		
5	64QAM	1	0	19.17	19.65	19.21	20	0
5	64QAM	1	12	19.17	19.57	19.31		
5	64QAM	1	24	19.18	19.67	19.19		
5	64QAM	12	0	19.14	19.59	19.16	20	0
5	64QAM	12	7	19.16	19.50	19.33		
5	64QAM	12	13	19.14	19.55	19.19		
5	64QAM	25	0	19.13	19.53	19.25		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	19.20	19.66	19.24	20	0
3	QPSK	1	8	19.22	19.19	19.32		
3	QPSK	1	14	19.18	19.24	19.17		
3	QPSK	8	0	19.07	19.50	19.34	20	0
3	QPSK	8	4	19.11	19.16	19.19		
3	QPSK	8	7	19.10	19.09	19.07		
3	QPSK	15	0	19.16	19.20	19.18		
3	16QAM	1	0	19.19	19.58	19.33	20	0
3	16QAM	1	8	19.22	19.17	19.10		
3	16QAM	1	14	19.16	19.17	19.16		
3	16QAM	8	0	19.15	19.58	19.26	20	0
3	16QAM	8	4	19.20	19.20	19.11		
3	16QAM	8	7	19.09	19.20	19.08		
3	16QAM	15	0	19.23	19.14	19.19		
3	64QAM	1	0	19.22	19.68	19.21	20	0
3	64QAM	1	8	19.24	19.55	19.19		
3	64QAM	1	14	19.22	19.59	19.32		
3	64QAM	8	0	19.18	19.54	19.23	20	0
3	64QAM	8	4	19.17	19.62	19.30		
3	64QAM	8	7	19.15	19.65	19.17		
3	64QAM	15	0	19.15	19.65	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	19.17	19.63	19.29	20	0
1.4	QPSK	1	3	19.21	19.15	19.32		
1.4	QPSK	1	5	19.15	19.21	19.17		
1.4	QPSK	3	0	19.10	19.56	19.34		
1.4	QPSK	3	1	19.13	19.15	19.14		
1.4	QPSK	3	3	19.11	19.09	19.07		
1.4	QPSK	6	0	19.17	19.19	19.15	20	0
1.4	16QAM	1	0	19.15	19.62	19.34	20	0
1.4	16QAM	1	3	19.22	19.17	19.14		
1.4	16QAM	1	5	19.19	19.15	19.21		
1.4	16QAM	3	0	19.16	19.56	19.25		
1.4	16QAM	3	1	19.13	19.20	19.21		
1.4	16QAM	3	3	19.07	19.11	19.15		
1.4	16QAM	6	0	19.19	19.13	19.22	20	0
1.4	64QAM	1	0	19.16	19.61	19.24	20	0
1.4	64QAM	1	3	19.16	19.59	19.25		
1.4	64QAM	1	5	19.18	19.54	19.25		
1.4	64QAM	3	0	19.10	19.56	19.26		
1.4	64QAM	3	1	19.11	19.57	19.21		
1.4	64QAM	3	3	19.23	19.57	19.31		
1.4	64QAM	6	0	19.07	19.54	19.16	20	0

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0		19.69		20.5	0
10	QPSK	1	25		19.57			
10	QPSK	1	49		19.52			
10	QPSK	25	0		19.62		20.5	0
10	QPSK	25	12		19.60			
10	QPSK	25	25		19.52			
10	QPSK	50	0		19.42			
10	16QAM	1	0		19.61		20.5	0
10	16QAM	1	25		19.61			
10	16QAM	1	49		19.58			
10	16QAM	25	0		19.60		20.5	0
10	16QAM	25	12		19.57			
10	16QAM	25	25		19.65			
10	16QAM	50	0		19.55			
10	64QAM	1	0		19.60		20.5	0
10	64QAM	1	25		19.53			
10	64QAM	1	49		19.65			
10	64QAM	25	0		19.50		20.5	0
10	64QAM	25	12		19.62			
10	64QAM	25	25		19.68			
10	64QAM	50	0		19.52			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	19.62	19.64	19.61	20.5	0
5	QPSK	1	12	19.52	19.46	19.51		
5	QPSK	1	24	19.43	19.48	19.44		
5	QPSK	12	0	19.54	19.49	19.55	20.5	0
5	QPSK	12	7	19.51	19.49	19.49		
5	QPSK	12	13	19.40	19.46	19.45		
5	QPSK	25	0	19.37	19.30	19.32		
5	16QAM	1	0	19.49	19.56	19.53	20.5	0
5	16QAM	1	12	19.50	19.54	19.52		
5	16QAM	1	24	19.48	19.55	19.51		
5	16QAM	12	0	19.49	19.54	19.56	20.5	0
5	16QAM	12	7	19.54	19.51	19.49		
5	16QAM	12	13	19.58	19.53	19.52		
5	16QAM	25	0	19.46	19.47	19.45		
5	64QAM	1	0	19.54	19.58	19.53	20.5	0
5	64QAM	1	12	19.45	19.59	19.46		
5	64QAM	1	24	19.44	19.51	19.58		
5	64QAM	12	0	19.57	19.59	19.56	20.5	0
5	64QAM	12	7	19.57	19.51	19.52		
5	64QAM	12	13	19.45	19.62	19.58		
5	64QAM	25	0	19.60	19.58	19.59		

Band 14 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		20.33		21	0
10	QPSK	1	25		20.19			
10	QPSK	1	49		20.07			
10	QPSK	25	0		20.21		21	0
10	QPSK	25	12		20.08			
10	QPSK	25	25		20.15			
10	QPSK	50	0		20.17			
10	16QAM	1	0		20.21		21	0
10	16QAM	1	25		20.19			
10	16QAM	1	49		20.21			
10	16QAM	25	0		20.25		21	0
10	16QAM	25	12		20.16			
10	16QAM	25	25		20.06			
10	16QAM	50	0		20.18			
10	64QAM	1	0		20.24		21	0
10	64QAM	1	25		20.22			
10	64QAM	1	49		20.17			
10	64QAM	25	0		20.30		21	0
10	64QAM	25	12		20.30			
10	64QAM	25	25		20.21			
10	64QAM	50	0		20.21			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	20.21	20.28	20.22	21	0
5	QPSK	1	12	20.14	20.10	20.13		
5	QPSK	1	24	19.96	20.00	19.96		
5	QPSK	12	0	20.13	20.09	20.16	21	0
5	QPSK	12	7	19.98	20.03	20.02		
5	QPSK	12	13	20.03	20.07	20.04		
5	QPSK	25	0	20.05	20.07	20.06		
5	16QAM	1	0	20.16	20.09	20.15	21	0
5	16QAM	1	12	20.09	20.08	20.09		
5	16QAM	1	24	20.09	20.12	20.16		
5	16QAM	12	0	20.21	20.16	20.19	21	0
5	16QAM	12	7	20.05	20.11	20.07		
5	16QAM	12	13	19.98	20.00	20.02		
5	16QAM	25	0	20.11	20.08	20.13		
5	64QAM	1	0	20.05	20.25	20.17	21	0
5	64QAM	1	12	20.03	20.13	20.11		
5	64QAM	1	24	20.02	20.21	20.04		
5	64QAM	12	0	20.13	20.19	20.07	21	0
5	64QAM	12	7	20.05	20.24	20.15		
5	64QAM	12	13	20.06	20.09	20.04		
5	64QAM	25	0	20.10	20.23	20.16		

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	16.40	16.59	16.54	17	0
20	QPSK	1	49	16.35	16.48	16.44		
20	QPSK	1	99	16.34	16.42	16.39		
20	QPSK	50	0	16.39	16.53	16.52	17	0
20	QPSK	50	24	16.33	16.49	16.45		
20	QPSK	50	50	16.33	16.36	16.38		
20	QPSK	100	0	16.34	16.55	16.49		
20	16QAM	1	0	16.31	16.57	16.51	17	0
20	16QAM	1	49	16.27	16.55	16.52		
20	16QAM	1	99	16.29	16.39	16.30		
20	16QAM	50	0	16.42	16.49	16.49	17	0
20	16QAM	50	24	16.34	16.45	16.53		
20	16QAM	50	50	16.28	16.43	16.32		
20	16QAM	100	0	16.25	16.50	16.47		
20	64QAM	1	0	16.37	16.57	16.49	17	0
20	64QAM	1	49	16.25	16.47	16.49		
20	64QAM	1	99	16.28	16.44	16.44		
20	64QAM	50	0	16.24	16.55	16.46	17	0
20	64QAM	50	24	16.37	16.52	16.51		
20	64QAM	50	50	16.32	16.43	16.35		
20	64QAM	100	0	16.37	16.58	16.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.35	16.52	16.47	17	0
15	QPSK	1	37	16.30	16.42	16.39		
15	QPSK	1	74	16.31	16.33	16.32		
15	QPSK	36	0	16.34	16.46	16.48	17	0
15	QPSK	36	20	16.24	16.41	16.41		
15	QPSK	36	39	16.25	16.33	16.32		
15	QPSK	75	0	16.28	16.50	16.41		
15	16QAM	1	0	16.23	16.53	16.43	17	0
15	16QAM	1	37	16.24	16.48	16.49		
15	16QAM	1	74	16.24	16.35	16.26		
15	16QAM	36	0	16.33	16.40	16.39	17	0
15	16QAM	36	20	16.27	16.37	16.51		
15	16QAM	36	39	16.22	16.40	16.24		
15	16QAM	75	0	16.22	16.40	16.39		
15	64QAM	1	0	16.28	16.50	16.44	17	0
15	64QAM	1	37	16.27	16.44	16.38		
15	64QAM	1	74	16.34	16.50	16.48		
15	64QAM	36	0	16.33	16.45	16.51	17	0
15	64QAM	36	20	16.21	16.45	16.48		
15	64QAM	36	39	16.34	16.43	16.51		
15	64QAM	75	0	16.33	16.41	16.49		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.30	16.49	16.49	17	0
10	QPSK	1	25	16.26	16.44	16.35		
10	QPSK	1	49	16.28	16.40	16.36		
10	QPSK	25	0	16.33	16.45	16.48	17	0
10	QPSK	25	12	16.29	16.41	16.42		
10	QPSK	25	25	16.24	16.31	16.34		
10	QPSK	50	0	16.26	16.47	16.46		
10	16QAM	1	0	16.23	16.57	16.46	17	0
10	16QAM	1	25	16.21	16.52	16.43		
10	16QAM	1	49	16.25	16.32	16.26		
10	16QAM	25	0	16.36	16.44	16.42	17	0
10	16QAM	25	12	16.29	16.42	16.44		
10	16QAM	25	25	16.23	16.38	16.23		
10	16QAM	50	0	16.18	16.44	16.37		
10	64QAM	1	0	16.31	16.51	16.44	17	0
10	64QAM	1	25	16.35	16.47	16.53		
10	64QAM	1	49	16.21	16.57	16.35		
10	64QAM	25	0	16.34	16.55	16.48	17	0
10	64QAM	25	12	16.27	16.42	16.39		
10	64QAM	25	25	16.35	16.52	16.38		
10	64QAM	50	0	16.33	16.42	16.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.30	16.53	16.48	17	0
5	QPSK	1	12	16.30	16.41	16.41		
5	QPSK	1	24	16.25	16.36	16.36		
5	QPSK	12	0	16.32	16.44	16.48	17	0
5	QPSK	12	7	16.27	16.44	16.43		
5	QPSK	12	13	16.30	16.30	16.29		
5	QPSK	25	0	16.30	16.47	16.43		
5	16QAM	1	0	16.22	16.57	16.45	17	0
5	16QAM	1	12	16.19	16.46	16.46		
5	16QAM	1	24	16.20	16.37	16.26		
5	16QAM	12	0	16.38	16.41	16.39	17	0
5	16QAM	12	7	16.29	16.37	16.47		
5	16QAM	12	13	16.23	16.36	16.30		
5	16QAM	25	0	16.22	16.43	16.42		
5	64QAM	1	0	16.23	16.50	16.40	17	0
5	64QAM	1	12	16.24	16.57	16.52		
5	64QAM	1	24	16.30	16.47	16.36		
5	64QAM	12	0	16.35	16.46	16.35	17	0
5	64QAM	12	7	16.24	16.49	16.38		
5	64QAM	12	13	16.34	16.54	16.39		
5	64QAM	25	0	16.29	16.46	16.51		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.37	16.52	16.49	17	0
3	QPSK	1	8	16.32	16.44	16.35		
3	QPSK	1	14	16.30	16.34	16.30		
3	QPSK	8	0	16.32	16.44	16.43	17	0
3	QPSK	8	4	16.31	16.45	16.42		
3	QPSK	8	7	16.27	16.29	16.36		
3	QPSK	15	0	16.29	16.50	16.45		
3	16QAM	1	0	16.24	16.54	16.43	17	0
3	16QAM	1	8	16.23	16.47	16.49		
3	16QAM	1	14	16.21	16.37	16.27		
3	16QAM	8	0	16.40	16.39	16.41	17	0
3	16QAM	8	4	16.28	16.41	16.48		
3	16QAM	8	7	16.26	16.38	16.26		
3	16QAM	15	0	16.21	16.46	16.40		
3	64QAM	1	0	16.36	16.56	16.52	17	0
3	64QAM	1	8	16.23	16.55	16.45		
3	64QAM	1	14	16.31	16.43	16.38		
3	64QAM	8	0	16.25	16.47	16.38	17	0
3	64QAM	8	4	16.26	16.40	16.37		
3	64QAM	8	7	16.31	16.55	16.37		
3	64QAM	15	0	16.22	16.42	16.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.38	16.48	16.49	17	0
1.4	QPSK	1	3	16.29	16.39	16.38		
1.4	QPSK	1	5	16.26	16.37	16.30		
1.4	QPSK	3	0	16.35	16.47	16.46		
1.4	QPSK	3	1	16.24	16.46	16.38		
1.4	QPSK	3	3	16.26	16.28	16.32		
1.4	QPSK	6	0	16.26	16.50	16.46	17	0
1.4	16QAM	1	0	16.24	16.54	16.47	17	0
1.4	16QAM	1	3	16.19	16.53	16.42		
1.4	16QAM	1	5	16.21	16.34	16.22		
1.4	16QAM	3	0	16.38	16.41	16.47		
1.4	16QAM	3	1	16.32	16.42	16.43		
1.4	16QAM	3	3	16.20	16.38	16.29		
1.4	16QAM	6	0	16.20	16.43	16.43	17	0
1.4	64QAM	1	0	16.35	16.50	16.52	17	0
1.4	64QAM	1	3	16.29	16.58	16.43		
1.4	64QAM	1	5	16.23	16.40	16.43		
1.4	64QAM	3	0	16.24	16.47	16.51		
1.4	64QAM	3	1	16.32	16.41	16.46		
1.4	64QAM	3	3	16.38	16.46	16.38		
1.4	64QAM	6	0	16.25	16.57	16.46	17	0

Band 25 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.43	16.66	16.60	17	0
20	QPSK	1	49	16.42	16.47	16.43		
20	QPSK	1	99	16.35	16.42	16.32		
20	QPSK	50	0	16.45	16.60	16.53	17	0
20	QPSK	50	24	16.42	16.48	16.49		
20	QPSK	50	50	16.35	16.38	16.38		
20	QPSK	100	0	16.38	16.47	16.44		
20	16QAM	1	0	16.43	16.63	16.57	17	0
20	16QAM	1	49	16.37	16.44	16.43		
20	16QAM	1	99	16.37	16.44	16.30		
20	16QAM	50	0	16.46	16.62	16.59	17	0
20	16QAM	50	24	16.40	16.44	16.43		
20	16QAM	50	50	16.39	16.38	16.38		
20	16QAM	100	0	16.41	16.43	16.46		
20	64QAM	1	0	16.35	16.59	16.59	17	0
20	64QAM	1	49	16.41	16.62	16.48		
20	64QAM	1	99	16.32	16.56	16.54		
20	64QAM	50	0	16.30	16.56	16.55	17	0
20	64QAM	50	24	16.29	16.61	16.51		
20	64QAM	50	50	16.31	16.64	16.42		
20	64QAM	100	0	16.24	16.53	16.51		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.33	16.60	16.51	17	0
15	QPSK	1	37	16.36	16.42	16.37		
15	QPSK	1	74	16.26	16.39	16.30		
15	QPSK	36	0	16.35	16.52	16.50	17	0
15	QPSK	36	20	16.35	16.40	16.39		
15	QPSK	36	39	16.27	16.29	16.28		
15	QPSK	75	0	16.34	16.40	16.36		
15	16QAM	1	0	16.39	16.60	16.52	17	0
15	16QAM	1	37	16.35	16.37	16.38		
15	16QAM	1	74	16.34	16.34	16.21		
15	16QAM	36	0	16.39	16.59	16.52	17	0
15	16QAM	36	20	16.35	16.39	16.34		
15	16QAM	36	39	16.34	16.29	16.34		
15	16QAM	75	0	16.31	16.34	16.38		
15	64QAM	1	0	16.27	16.63	16.56	17	0
15	64QAM	1	37	16.24	16.53	16.52		
15	64QAM	1	74	16.30	16.64	16.41		
15	64QAM	36	0	16.36	16.51	16.58	17	0
15	64QAM	36	20	16.30	16.53	16.48		
15	64QAM	36	39	16.29	16.64	16.53		
15	64QAM	75	0	16.37	16.53	16.52		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.34	16.63	16.58	17	0
10	QPSK	1	25	16.39	16.41	16.39		
10	QPSK	1	49	16.26	16.40	16.28		
10	QPSK	25	0	16.36	16.55	16.47	17	0
10	QPSK	25	12	16.34	16.43	16.40		
10	QPSK	25	25	16.32	16.36	16.33		
10	QPSK	50	0	16.35	16.38	16.38		
10	16QAM	1	0	16.38	16.61	16.53	17	0
10	16QAM	1	25	16.27	16.41	16.36		
10	16QAM	1	49	16.30	16.42	16.21		
10	16QAM	25	0	16.44	16.52	16.52	17	0
10	16QAM	25	12	16.31	16.35	16.36		
10	16QAM	25	25	16.31	16.32	16.36		
10	16QAM	50	0	16.38	16.34	16.40		
10	64QAM	1	0	16.40	16.55	16.42	17	0
10	64QAM	1	25	16.32	16.63	16.52		
10	64QAM	1	49	16.27	16.63	16.46		
10	64QAM	25	0	16.26	16.58	16.49	17	0
10	64QAM	25	12	16.29	16.48	16.44		
10	64QAM	25	25	16.37	16.61	16.46		
10	64QAM	50	0	16.42	16.53	16.56		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.36	16.59	16.54	17	0
5	QPSK	1	12	16.38	16.45	16.38		
5	QPSK	1	24	16.28	16.33	16.24		
5	QPSK	12	0	16.39	16.52	16.49	17	0
5	QPSK	12	7	16.32	16.42	16.47		
5	QPSK	12	13	16.25	16.28	16.33		
5	QPSK	25	0	16.36	16.38	16.34		
5	16QAM	1	0	16.37	16.55	16.49	17	0
5	16QAM	1	12	16.34	16.37	16.35		
5	16QAM	1	24	16.29	16.39	16.26		
5	16QAM	12	0	16.40	16.53	16.52	17	0
5	16QAM	12	7	16.34	16.39	16.41		
5	16QAM	12	13	16.29	16.34	16.34		
5	16QAM	25	0	16.31	16.38	16.37		
5	64QAM	1	0	16.34	16.60	16.42	17	0
5	64QAM	1	12	16.38	16.52	16.44		
5	64QAM	1	24	16.27	16.60	16.49		
5	64QAM	12	0	16.33	16.62	16.53	17	0
5	64QAM	12	7	16.30	16.48	16.57		
5	64QAM	12	13	16.38	16.58	16.56		
5	64QAM	25	0	16.41	16.51	16.48		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.36	16.63	16.52	17	0
3	QPSK	1	8	16.32	16.37	16.40		
3	QPSK	1	14	16.30	16.38	16.28		
3	QPSK	8	0	16.36	16.57	16.49	17	0
3	QPSK	8	4	16.35	16.39	16.39		
3	QPSK	8	7	16.29	16.28	16.33		
3	QPSK	15	0	16.30	16.45	16.40		
3	16QAM	1	0	16.33	16.60	16.50	17	0
3	16QAM	1	8	16.32	16.40	16.34		
3	16QAM	1	14	16.31	16.34	16.24		
3	16QAM	8	0	16.39	16.57	16.50	17	0
3	16QAM	8	4	16.35	16.42	16.34		
3	16QAM	8	7	16.31	16.28	16.33		
3	16QAM	15	0	16.34	16.36	16.42		
3	64QAM	1	0	16.32	16.50	16.56	17	0
3	64QAM	1	8	16.33	16.48	16.52		
3	64QAM	1	14	16.31	16.63	16.44		
3	64QAM	8	0	16.37	16.58	16.48	17	0
3	64QAM	8	4	16.27	16.56	16.50		
3	64QAM	8	7	16.35	16.54	16.49		
3	64QAM	15	0	16.29	16.59	16.52		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.33	16.63	16.53	17	0
1.4	QPSK	1	3	16.37	16.38	16.41		
1.4	QPSK	1	5	16.29	16.39	16.26		
1.4	QPSK	3	0	16.40	16.54	16.50		
1.4	QPSK	3	1	16.35	16.39	16.39		
1.4	QPSK	3	3	16.30	16.33	16.30		
1.4	QPSK	6	0	16.34	16.43	16.35	17	0
1.4	16QAM	1	0	16.40	16.56	16.47	17	0
1.4	16QAM	1	3	16.30	16.38	16.37		
1.4	16QAM	1	5	16.31	16.38	16.28		
1.4	16QAM	3	0	16.40	16.59	16.53		
1.4	16QAM	3	1	16.34	16.35	16.35		
1.4	16QAM	3	3	16.33	16.35	16.35		
1.4	16QAM	6	0	16.32	16.35	16.39	17	0
1.4	64QAM	1	0	16.38	16.60	16.44	17	0
1.4	64QAM	1	3	16.28	16.49	16.50		
1.4	64QAM	1	5	16.24	16.50	16.51		
1.4	64QAM	3	0	16.35	16.54	16.42		
1.4	64QAM	3	1	16.32	16.50	16.50		
1.4	64QAM	3	3	16.42	16.51	16.45		
1.4	64QAM	6	0	16.36	16.59	16.44	17	0

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.51	13.77	13.63	14	0
20	QPSK	1	49	13.55	13.41	13.55		
20	QPSK	1	99	13.38	13.55	13.48		
20	QPSK	50	0	13.55	13.73	13.71	14	0
20	QPSK	50	24	13.53	13.47	13.69		
20	QPSK	50	50	13.35	13.57	13.50		
20	QPSK	100	0	13.63	13.55	13.68		
20	16QAM	1	0	13.57	13.64	13.64	14	0
20	16QAM	1	49	13.56	13.54	13.54		
20	16QAM	1	99	13.37	13.54	13.55		
20	16QAM	50	0	13.58	13.70	13.62	14	0
20	16QAM	50	24	13.59	13.46	13.67		
20	16QAM	50	50	13.36	13.52	13.41		
20	16QAM	100	0	13.52	13.51	13.64		
20	64QAM	1	0	13.46	13.63	13.56	14	0
20	64QAM	1	49	13.42	13.70	13.49		
20	64QAM	1	99	13.46	13.64	13.55		
20	64QAM	50	0	13.38	13.65	13.51	14	0
20	64QAM	50	24	13.45	13.76	13.45		
20	64QAM	50	50	13.32	13.65	13.54		
20	64QAM	100	0	13.33	13.62	13.44		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.42	13.68	13.57	14	0
15	QPSK	1	37	13.52	13.37	13.46		
15	QPSK	1	74	13.29	13.45	13.44		
15	QPSK	36	0	13.50	13.65	13.66	14	0
15	QPSK	36	20	13.47	13.41	13.62		
15	QPSK	36	39	13.26	13.54	13.41		
15	QPSK	75	0	13.59	13.49	13.60		
15	16QAM	1	0	13.48	13.54	13.56	14	0
15	16QAM	1	37	13.53	13.46	13.45		
15	16QAM	1	74	13.27	13.47	13.49		
15	16QAM	36	0	13.55	13.67	13.56	14	0
15	16QAM	36	20	13.52	13.39	13.59		
15	16QAM	36	39	13.32	13.42	13.32		
15	16QAM	75	0	13.44	13.42	13.58		
15	64QAM	1	0	13.38	13.62	13.62	14	0
15	64QAM	1	37	13.44	13.67	13.57		
15	64QAM	1	74	13.47	13.66	13.46		
15	64QAM	36	0	13.45	13.72	13.61	14	0
15	64QAM	36	20	13.42	13.66	13.58		
15	64QAM	36	39	13.39	13.64	13.49		
15	64QAM	75	0	13.36	13.68	13.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.41	13.68	13.53	14	0
10	QPSK	1	25	13.49	13.37	13.47		
10	QPSK	1	49	13.31	13.49	13.43		
10	QPSK	25	0	13.46	13.65	13.70	14	0
10	QPSK	25	12	13.48	13.37	13.61		
10	QPSK	25	25	13.30	13.47	13.40		
10	QPSK	50	0	13.56	13.48	13.63		
10	16QAM	1	0	13.53	13.54	13.55	14	0
10	16QAM	1	25	13.46	13.47	13.47		
10	16QAM	1	49	13.32	13.46	13.50		
10	16QAM	25	0	13.49	13.70	13.54	14	0
10	16QAM	25	12	13.51	13.40	13.60		
10	16QAM	25	25	13.32	13.46	13.33		
10	16QAM	50	0	13.48	13.42	13.61		
10	64QAM	1	0	13.47	13.76	13.45	14	0
10	64QAM	1	25	13.44	13.63	13.48		
10	64QAM	1	49	13.38	13.72	13.54		
10	64QAM	25	0	13.47	13.65	13.53	14	0
10	64QAM	25	12	13.43	13.59	13.53		
10	64QAM	25	25	13.42	13.71	13.58		
10	64QAM	50	0	13.37	13.73	13.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.47	13.67	13.54	14	0
5	QPSK	1	12	13.46	13.34	13.49		
5	QPSK	1	24	13.34	13.45	13.39		
5	QPSK	12	0	13.45	13.62	13.68	14	0
5	QPSK	12	7	13.45	13.38	13.64		
5	QPSK	12	13	13.31	13.48	13.40		
5	QPSK	25	0	13.55	13.48	13.57		
5	16QAM	1	0	13.48	13.60	13.59	14	0
5	16QAM	1	12	13.45	13.45	13.48		
5	16QAM	1	24	13.27	13.49	13.51		
5	16QAM	12	0	13.55	13.69	13.54	14	0
5	16QAM	12	7	13.54	13.37	13.61		
5	16QAM	12	13	13.25	13.47	13.34		
5	16QAM	25	0	13.49	13.48	13.59		
5	64QAM	1	0	13.48	13.64	13.61	14	0
5	64QAM	1	12	13.43	13.69	13.49		
5	64QAM	1	24	13.34	13.61	13.55		
5	64QAM	12	0	13.42	13.73	13.56	14	0
5	64QAM	12	7	13.40	13.69	13.48		
5	64QAM	12	13	13.41	13.68	13.47		
5	64QAM	25	0	13.40	13.74	13.46		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.42	13.65	13.54	14	0
3	QPSK	1	8	13.48	13.34	13.50		
3	QPSK	1	14	13.27	13.52	13.43		
3	QPSK	8	0	13.50	13.68	13.71	14	0
3	QPSK	8	4	13.44	13.40	13.65		
3	QPSK	8	7	13.30	13.53	13.39		
3	QPSK	15	0	13.55	13.45	13.59		
3	16QAM	1	0	13.48	13.57	13.55	14	0
3	16QAM	1	8	13.46	13.45	13.49		
3	16QAM	1	14	13.31	13.50	13.50		
3	16QAM	8	0	13.48	13.71	13.57	14	0
3	16QAM	8	4	13.56	13.36	13.61		
3	16QAM	8	7	13.27	13.47	13.38		
3	16QAM	15	0	13.47	13.44	13.56		
3	64QAM	1	0	13.39	13.74	13.55	14	0
3	64QAM	1	8	13.44	13.62	13.45		
3	64QAM	1	14	13.45	13.74	13.47		
3	64QAM	8	0	13.39	13.74	13.45	14	0
3	64QAM	8	4	13.34	13.73	13.59		
3	64QAM	8	7	13.45	13.63	13.57		
3	64QAM	15	0	13.44	13.70	13.55		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.43	13.70	13.52	14	0
1.4	QPSK	1	3	13.44	13.35	13.47		
1.4	QPSK	1	5	13.27	13.51	13.37		
1.4	QPSK	3	0	13.48	13.67	13.67		
1.4	QPSK	3	1	13.46	13.42	13.64		
1.4	QPSK	3	3	13.26	13.50	13.42		
1.4	QPSK	6	0	13.54	13.45	13.63	14	0
1.4	16QAM	1	0	13.52	13.56	13.58	14	0
1.4	16QAM	1	3	13.51	13.50	13.45		
1.4	16QAM	1	5	13.27	13.51	13.45		
1.4	16QAM	3	0	13.51	13.66	13.52		
1.4	16QAM	3	1	13.53	13.39	13.56		
1.4	16QAM	3	3	13.30	13.48	13.38		
1.4	16QAM	6	0	13.41	13.47	13.60	14	0
1.4	64QAM	1	0	13.37	13.74	13.54	14	0
1.4	64QAM	1	3	13.45	13.68	13.48		
1.4	64QAM	1	5	13.49	13.70	13.51		
1.4	64QAM	3	0	13.39	13.71	13.52		
1.4	64QAM	3	1	13.32	13.64	13.45		
1.4	64QAM	3	3	13.43	13.75	13.47		
1.4	64QAM	6	0	13.39	13.63	13.55	14	0

Band 30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		14.57		15.5	0
10	QPSK	1	25		14.23			
10	QPSK	1	49		14.33			
10	QPSK	25	0		14.56		15.5	0
10	QPSK	25	12		14.31			
10	QPSK	25	25		14.41			
10	QPSK	50	0		14.39			
10	16QAM	1	0		14.37		15.5	0
10	16QAM	1	25		14.42			
10	16QAM	1	49		14.48			
10	16QAM	25	0		14.52		15.5	0
10	16QAM	25	12		14.28			
10	16QAM	25	25		14.34			
10	16QAM	50	0		14.25			
10	64QAM	1	0		14.40		15.5	0
10	64QAM	1	25		14.52			
10	64QAM	1	49		14.44			
10	64QAM	25	0		14.42		15.5	0
10	64QAM	25	12		14.46			
10	64QAM	25	25		14.43			
10	64QAM	50	0		14.43			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	14.49	14.60	14.53	15.5	0
5	QPSK	1	12	14.20	14.25	14.20		
5	QPSK	1	24	14.19	14.25	14.18		
5	QPSK	12	0	14.42	14.40	14.36	15.5	0
5	QPSK	12	7	14.17	14.21	14.21		
5	QPSK	12	13	14.35	14.39	14.30		
5	QPSK	25	0	14.24	14.32	14.38		
5	16QAM	1	0	14.30	14.28	14.36	15.5	0
5	16QAM	1	12	14.26	14.34	14.20		
5	16QAM	1	24	14.32	14.41	14.45		
5	16QAM	12	0	14.42	14.45	14.48	15.5	0
5	16QAM	12	7	14.27	14.22	14.35		
5	16QAM	12	13	14.24	14.25	14.20		
5	16QAM	25	0	14.19	14.32	14.29		
5	64QAM	1	0	14.34	14.55	14.49	15.5	0
5	64QAM	1	12	14.44	14.54	14.44		
5	64QAM	1	24	14.32	14.48	14.42		
5	64QAM	12	0	14.33	14.49	14.50	15.5	0
5	64QAM	12	7	14.39	14.49	14.44		
5	64QAM	12	13	14.44	14.42	14.50		
5	64QAM	25	0	14.48	14.57	14.40		

Full&Default Power Mode

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.59	22.61	22.58	24.0	0.0
20	PI/2 BPSK	1	53	22.51	22.43	22.46		
20	PI/2 BPSK	1	104	22.56	22.58	22.44		
20	PI/2 BPSK	50	0	22.14	22.22	22.08	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.60	22.49	24.0	0.0
20	PI/2 BPSK	50	56	22.13	22.16	22.09	23.5	0.5
20	PI/2 BPSK	100	0	22.13	22.21	22.08		
20	QPSK	1	1	22.65	22.71	22.63	24.0	0.0
20	QPSK	1	53	22.56	22.56	22.59		
20	QPSK	1	104	22.61	22.65	22.52		
20	QPSK	50	0	21.70	21.66	21.61	23.0	1.0
20	QPSK	50	28	22.53	22.65	22.51	24.0	0.0
20	QPSK	50	56	21.67	21.72	21.68	23.0	1.0
20	QPSK	100	0	21.63	21.75	21.58		
20	16QAM	1	1	21.71	21.68	21.61	23.0	1.0
20	64QAM	1	1	20.14	20.24	20.09	21.5	2.5
20	256QAM	1	1	18.13	18.19	18.15	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.54	22.56	22.50	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.53	22.55	22.52	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.56	22.58	22.55	24.0	0.0

n5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.41	23.44	23.45	24.0	0.0
20	PI/2 BPSK	1	53	23.41	23.42	23.40		
20	PI/2 BPSK	1	104	23.45	23.42	23.41		
20	PI/2 BPSK	50	0	22.99	23.08	22.96	23.5	0.5
20	PI/2 BPSK	50	28	23.40	23.49	23.39	24.0	0.0
20	PI/2 BPSK	50	56	23.05	23.11	22.95	23.5	0.5
20	PI/2 BPSK	100	0	23.10	23.12	23.03		
20	QPSK	1	1	23.55	23.58	23.51	24.0	0.0
20	QPSK	1	53	23.50	23.54	23.47		
20	QPSK	1	104	23.50	23.53	23.45		
20	QPSK	50	0	22.56	22.56	22.47	23.0	1.0
20	QPSK	50	28	23.46	23.51	23.48	24.0	0.0
20	QPSK	50	56	22.57	22.57	22.50	23.0	1.0
20	QPSK	100	0	22.51	22.59	22.52		
20	16QAM	1	1	22.53	22.56	22.49	23.0	1.0
20	64QAM	1	1	21.09	21.03	21.04	21.5	2.5
20	256QAM	1	1	19.02	19.05	19.06	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.46	23.51	23.37	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.46	23.41	23.40	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.44	23.46	23.36	24.0	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.78	22.80	22.67	24.0	0.0
40	PI/2 BPSK	1	108	22.69	22.76	22.67		
40	PI/2 BPSK	1	214	22.61	22.64	22.60		
40	PI/2 BPSK	108	0	22.35	22.38	22.26	23.5	0.5
40	PI/2 BPSK	108	54	22.62	22.66	22.64	24.0	0.0
40	PI/2 BPSK	108	108	22.32	22.33	22.33	23.5	0.5
40	PI/2 BPSK	216	0	22.28	22.31	22.24		
40	QPSK	1	1	22.81	22.84	22.80	24.0	0.0
40	QPSK	1	108	22.76	22.78	22.72		
40	QPSK	1	214	22.74	22.72	22.71		
40	QPSK	108	0	21.86	21.86	21.82	23.0	1.0
40	QPSK	108	54	22.67	22.74	22.69	24.0	0.0
40	QPSK	108	108	21.75	21.82	21.79	23.0	1.0
40	QPSK	216	0	21.85	21.87	21.83		
40	16QAM	1	1	21.87	21.82	21.80	23.0	1.0
40	64QAM	1	1	20.29	20.33	20.28	21.5	2.5
40	256QAM	1	1	18.28	18.37	18.33	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.66	22.70	22.77	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.74	22.78	22.67	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.70	22.73	22.68	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.77	22.71	22.73	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.80	22.69	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.68	22.79	22.66	24.0	0.0

n12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.41	22.41	22.37	24.0	0.0
15	PI/2 BPSK	1	40	22.32	22.28	22.27		
15	PI/2 BPSK	1	77	22.28	22.26	22.19		
15	PI/2 BPSK	36	0	22.04	21.96	22.00	23.5	0.5
15	PI/2 BPSK	36	22	22.35	22.42	22.35	24.0	0.0
15	PI/2 BPSK	36	43	22.03	22.01	21.97	23.5	0.5
15	PI/2 BPSK	75	0	21.96	22.07	21.96		
15	QPSK	1	1	22.49	22.51	22.48	24.0	0.0
15	QPSK	1	40	22.44	22.41	22.40		
15	QPSK	1	77	22.39	22.41	22.34		
15	QPSK	36	0	21.51	21.56	21.52	23.0	1.0
15	QPSK	36	22	22.45	22.46	22.33	24.0	0.0
15	QPSK	36	43	21.45	21.53	21.54	23.0	1.0
15	QPSK	75	0	21.47	21.55	21.46		
15	16QAM	1	1	21.52	21.48	21.53	23.0	1.0
15	64QAM	1	1	19.94	20.03	19.96	21.5	2.5
15	256QAM	1	1	17.98	17.96	18.00	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.45	22.42	22.35	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.39	22.39	22.42	24.0	0.0

n13 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					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		22.02		24.0	0.0
10	PI/2 BPSK	1	26		21.91			
10	PI/2 BPSK	1	50		21.93			
10	PI/2 BPSK	25	0		21.65		23.5	0.5
10	PI/2 BPSK	25	14		22.06		24.0	0.0
10	PI/2 BPSK	25	27		21.60		23.5	0.5
10	PI/2 BPSK	50	0		21.62			
10	QPSK	1	1		22.13		24.0	0.0
10	QPSK	1	26		22.01			
10	QPSK	1	50		22.04			
10	QPSK	25	0		21.07		23.0	1.0
10	QPSK	25	14		22.08		24.0	0.0
10	QPSK	25	27		21.14		23.0	1.0
10	QPSK	50	0		21.16			
10	16QAM	1	1		21.99		23.0	1.0
10	64QAM	1	1		20.62		21.5	2.5
10	256QAM	1	1		18.57		19.5	4.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	21.98	22.01	21.92	24.0	0.0

n14 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					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.84		25.0	0.0
10	PI/2 BPSK	1	26		23.76			
10	PI/2 BPSK	1	50		23.77			
10	PI/2 BPSK	25	0		23.39		24.5	0.5
10	PI/2 BPSK	25	14		23.83		25.0	0.0
10	PI/2 BPSK	25	27		23.48		24.5	0.5
10	PI/2 BPSK	50	0		23.41			
10	QPSK	1	1		23.94		25.0	0.0
10	QPSK	1	26		23.86			
10	QPSK	1	50		23.87			
10	QPSK	25	0		22.99		24.0	1.0
10	QPSK	25	14		23.89		25.0	0.0
10	QPSK	25	27		22.89		24.0	1.0
10	QPSK	50	0		22.91			
10	16QAM	1	1		22.85		24.0	1.0
10	64QAM	1	1		21.43		22.5	2.5
10	256QAM	1	1		19.45		20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.82	23.88	23.85	25.0	0.0

n25 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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.45	22.48	22.38	24.0	0.0
40	PI/2 BPSK	1	108	22.29	22.39	22.31		
40	PI/2 BPSK	1	214	22.28	22.54	22.38		
40	PI/2 BPSK	108	0	22.03	22.16	22.07	23.5	0.5
40	PI/2 BPSK	108	54	22.38	22.52	22.41	24.0	0.0
40	PI/2 BPSK	108	108	22.00	22.11	21.97	23.5	0.5
40	PI/2 BPSK	216	0	21.98	22.10	21.98		
40	QPSK	1	1	22.50	22.62	22.52	24.0	0.0
40	QPSK	1	108	22.35	22.52	22.46		
40	QPSK	1	214	22.38	22.57	22.42		
40	QPSK	108	0	21.52	21.56	21.51	23.0	1.0
40	QPSK	108	54	22.41	22.59	22.43	24.0	0.0
40	QPSK	108	108	21.48	21.58	21.46	23.0	1.0
40	QPSK	216	0	21.55	21.63	21.57		
40	16QAM	1	1	21.49	21.58	21.53	23.0	1.0
40	64QAM	1	1	20.04	20.10	20.05	21.5	2.5
40	256QAM	1	1	17.97	18.13	17.99	19.5	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.41	22.58	22.44	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.41	22.54	22.44	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.38	22.51	22.46	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.43	22.55	22.40	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.46	22.55	22.41	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.46	22.52	22.45	24.0	0.0

n26 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.50	23.38	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.35	23.30	23.38		
20	PI/2 BPSK	1	104	23.37	23.36	23.49		
20	PI/2 BPSK	50	0	23.03	23.02	23.22	23.5	0.5
20	PI/2 BPSK	50	28	23.50	23.44	23.58	24.0	0.0
20	PI/2 BPSK	50	56	23.12	23.06	23.21	23.5	0.5
20	PI/2 BPSK	100	0	23.09	23.07	23.21		
20	QPSK	1	1	23.58	23.51	23.66	24.0	0.0
20	QPSK	1	53	23.50	23.42	23.52		
20	QPSK	1	104	23.46	23.48	23.57		
20	QPSK	50	0	22.60	22.49	22.70	23.0	1.0
20	QPSK	50	28	23.52	23.47	23.60	24.0	0.0
20	QPSK	50	56	22.56	22.47	22.61	23.0	1.0
20	QPSK	100	0	22.63	22.49	22.62		
20	16QAM	1	1	22.55	22.51	22.56	23.0	1.0
20	64QAM	1	1	21.11	20.98	21.13	21.5	2.5
20	256QAM	1	1	19.05	19.01	19.15	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.53	23.44	23.54	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.53	23.46	23.60	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.48	23.45	23.54	24.0	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.79	22.86	22.74	24.0	0.0
40	PI/2 BPSK	1	108	22.69	22.77	22.77		
40	PI/2 BPSK	1	214	22.72	22.79	22.72		
40	PI/2 BPSK	108	0	22.33	22.46	22.34	23.5	0.5
40	PI/2 BPSK	108	54	22.77	22.89	22.75	24.0	0.0
40	PI/2 BPSK	108	108	22.34	22.40	22.43	23.5	0.5
40	PI/2 BPSK	216	0	22.39	22.48	22.40		
40	QPSK	1	1	22.87	22.95	22.89	24.0	0.0
40	QPSK	1	108	22.75	22.82	22.80		
40	QPSK	1	214	22.77	22.85	22.77		
40	QPSK	108	0	21.88	21.95	21.90	23.0	1.0
40	QPSK	108	54	22.80	22.84	22.75	24.0	0.0
40	QPSK	108	108	21.90	21.93	21.90	23.0	1.0
40	QPSK	216	0	21.82	22.01	21.83		
40	16QAM	1	1	21.84	21.97	21.84	23.0	1.0
40	64QAM	1	1	20.39	20.42	20.42	21.5	2.5
40	256QAM	1	1	18.39	18.48	18.37	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.73	22.92	22.78	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.73	22.81	22.81	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.78	22.86	22.84	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.77	22.90	22.84	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.75	22.81	22.77	24.0	0.0

n71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.67	22.77	22.73	24.0	0.0
20	PI/2 BPSK	1	53	22.56	22.62	22.54		
20	PI/2 BPSK	1	104	22.66	22.65	22.64		
20	PI/2 BPSK	50	0	22.28	22.32	22.32	23.5	0.5
20	PI/2 BPSK	50	28	22.69	22.68	22.68	24.0	0.0
20	PI/2 BPSK	50	56	22.25	22.35	22.22	23.5	0.5
20	PI/2 BPSK	100	0	22.30	22.29	22.27		
20	QPSK	1	1	22.76	22.82	22.78	24.0	0.0
20	QPSK	1	53	22.62	22.69	22.68		
20	QPSK	1	104	22.71	22.72	22.72		
20	QPSK	50	0	21.70	21.83	21.79	23.0	1.0
20	QPSK	50	28	22.62	22.74	22.68	24.0	0.0
20	QPSK	50	56	21.71	21.83	21.81	23.0	1.0
20	QPSK	100	0	21.71	21.84	21.82		
20	16QAM	1	1	21.78	21.76	21.74	23.0	1.0
20	64QAM	1	1	20.30	20.35	20.28	21.5	2.5
20	256QAM	1	1	18.28	18.37	18.33	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.64	22.73	22.63	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.58	22.68	22.67	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.57	22.68	22.68	24.0	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.81	22.92	22.87	24.0	0.0
40	PI/2 BPSK	1	53	22.72	22.88	22.66		
40	PI/2 BPSK	1	104	22.80	22.81	22.76		
40	PI/2 BPSK	50	0	22.44	22.48	22.41	23.5	0.5
40	PI/2 BPSK	50	28	22.85	22.93	22.78	24.0	0.0
40	PI/2 BPSK	50	56	22.46	22.48	22.40	23.5	0.5
40	PI/2 BPSK	100	0	22.49	22.43	22.43		
40	QPSK	1	1	22.94	22.96	22.92	24.0	0.0
40	QPSK	1	53	22.80	22.93	22.78		
40	QPSK	1	104	22.90	22.93	22.88		
40	QPSK	50	0	21.91	21.98	21.95	23.0	1.0
40	QPSK	50	28	22.82	22.84	22.82	24.0	0.0
40	QPSK	50	56	21.91	21.93	21.90	23.0	1.0
40	QPSK	100	0	21.95	21.97	21.92		
40	16QAM	1	1	21.98	21.92	21.88	23.0	1.0
40	64QAM	1	1	20.42	20.47	20.47	21.5	2.5
40	256QAM	1	1	18.45	18.41	18.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.82	22.86	22.78	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.86	22.87	22.87	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.84	22.85	22.81	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.78	22.86	22.81	24.0	0.0

n41 HPUE 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.89	24.96	24.94	26.0	0.0
100	PI/2 BPSK	1	137	24.77	24.98	24.82		
100	PI/2 BPSK	1	271	24.90	24.90	24.89		
100	PI/2 BPSK	135	0	24.54	24.64	24.61	25.5	0.5
100	PI/2 BPSK	135	69	25.02	25.06	24.83	26.0	0.0
100	PI/2 BPSK	135	138	24.54	24.57	24.51	25.5	0.5
100	PI/2 BPSK	270	0	24.54	24.57	24.52		
100	QPSK	1	1	24.94	25.11	24.99	26.0	0.0
100	QPSK	1	137	24.85	24.97	24.83		
100	QPSK	1	271	25.00	25.01	25.00		
100	QPSK	135	0	23.90	23.98	24.04	25.0	1.0
100	QPSK	135	69	24.95	24.96	24.89	26.0	0.0
100	QPSK	135	138	24.02	24.08	24.00	25.0	1.0
100	QPSK	270	0	24.00	24.06	24.04		
100	16QAM	1	1	24.14	24.07	24.00	25.0	1.0
100	64QAM	1	1	22.47	22.59	22.66	23.5	2.5
100	256QAM	1	1	20.65	20.43	20.48	21.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.87	25.05	24.95	26.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.91	25.06	24.89	26.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.87	25.03	24.89	26.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.89	25.02	24.94	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.88	25.01	24.86	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.87	25.07	24.88	26.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.88	24.96	24.86	26.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.82	25.06	24.91	26.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.87	25.01	24.94	26.0	0.0

Part27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	28.06	28.08	27.70	29.0	0.0
100	PI/2 BPSK	1	137	27.94	27.91	27.49		
100	PI/2 BPSK	1	271	28.03	28.03	27.60		
100	PI/2 BPSK	135	0	27.73	27.63	27.28	28.5	0.5
100	PI/2 BPSK	135	69	28.05	28.11	27.56	29.0	0.0
100	PI/2 BPSK	135	138	27.71	27.66	27.26	28.5	0.5
100	PI/2 BPSK	270	0	27.59	27.59	27.34		
100	QPSK	1	1	28.10	28.16	27.79	29.0	0.0
100	QPSK	1	137	28.14	27.98	27.56		
100	QPSK	1	271	27.99	28.10	27.66		
100	QPSK	135	0	27.17	27.22	26.82	28.0	1.0
100	QPSK	135	69	28.06	28.08	27.68	29.0	0.0
100	QPSK	135	138	27.24	27.10	26.73	28.0	1.0
100	QPSK	270	0	27.18	27.23	26.76		
100	16QAM	1	1	27.17	27.17	26.79	28.0	1.0
100	64QAM	1	1	25.65	25.65	25.26	26.5	2.5
100	256QAM	1	1	23.65	23.62	23.28	24.5	4.5
Channel				649660	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	28.02	28.12	27.67	29.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	28.00	28.06	27.67	29.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	28.05	28.05	27.69	29.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.99	28.03	27.72	29.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	28.06	28.04	27.69	29.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.97	28.04	27.67	29.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.99	28.08	27.76	29.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.96	28.02	27.72	29.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.98	28.07	27.66	29.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	28.06	28.07	27.71	29.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.98	28.04	27.70	29.0	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.74		29.0	0.0
100	PI/2 BPSK	1	137		27.73			
100	PI/2 BPSK	1	271		27.69			
100	PI/2 BPSK	135	0		27.38		28.5	0.5
100	PI/2 BPSK	135	69		27.78		29.0	0.0
100	PI/2 BPSK	135	138		27.40		28.5	0.5
100	PI/2 BPSK	270	0		27.32			
100	QPSK	1	1		27.88		29.0	0.0
100	QPSK	1	137		27.77			
100	QPSK	1	271		27.69			
100	QPSK	135	0		26.82		28.0	1.0
100	QPSK	135	69		27.81		29.0	0.0
100	QPSK	135	138		26.81		28.0	1.0
100	QPSK	270	0		26.89			
100	16QAM	1	1		26.83		28.0	1.0
100	64QAM	1	1		25.40		26.5	2.5
100	256QAM	1	1		23.35		24.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.70	27.82	27.70	29.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.74	27.72	27.65	29.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.81	27.73	27.74	29.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.75	27.74	27.72	29.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.73	27.72	27.71	29.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.74	27.82	27.70	29.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.80	27.81	27.68	29.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.77	27.74	27.71	29.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.80	27.75	27.65	29.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.81	27.73	27.67	29.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.77	27.74	27.73	29.0	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		27.94		29.0	0.0
100	PI/2 BPSK	1	137		27.80			
100	PI/2 BPSK	1	271		27.91			
100	PI/2 BPSK	135	0		27.54		28.5	0.5
100	PI/2 BPSK	135	69		28.05		29.0	0.0
100	PI/2 BPSK	135	138		27.59		28.5	0.5
100	PI/2 BPSK	270	0		27.46			
100	QPSK	1	1		28.10		29.0	0.0
100	QPSK	1	137		27.92			
100	QPSK	1	271		28.02			
100	QPSK	135	0		27.11		28.0	1.0
100	QPSK	135	69		28.02		29.0	0.0
100	QPSK	135	138		27.05		28.0	1.0
100	QPSK	270	0		27.13			
100	16QAM	1	1		27.13		28.0	1.0
100	64QAM	1	1		25.62		26.5	2.5
100	256QAM	1	1		23.52		24.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.92	28.00	27.56	29.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.89	28.09	27.59	29.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.90	28.05	27.60	29.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.98	27.98	27.61	29.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.96	28.07	27.53	29.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.88	27.99	27.60	29.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.90	28.02	27.60	29.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.90	28.04	27.56	29.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.89	27.99	27.62	29.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.96	28.04	27.63	29.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.92	28.04	27.64	29.0	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.50		29.0	0.0
100	PI/2 BPSK	1	137		27.51			
100	PI/2 BPSK	1	271		27.43			
100	PI/2 BPSK	135	0		27.09		28.5	0.5
100	PI/2 BPSK	135	69		27.50		29.0	0.0
100	PI/2 BPSK	135	138		27.15		28.5	0.5
100	PI/2 BPSK	270	0		27.09			
100	QPSK	1	1		27.62		29.0	0.0
100	QPSK	1	137		27.51			
100	QPSK	1	271		27.49			
100	QPSK	135	0		26.52		28.0	1.0
100	QPSK	135	69		27.54		29.0	0.0
100	QPSK	135	138		26.60		28.0	1.0
100	QPSK	270	0		26.60			
100	16QAM	1	1		26.55		28.0	1.0
100	64QAM	1	1		25.12		26.5	2.5
100	256QAM	1	1		23.12		24.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.49	27.59	27.40	29.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.50	27.56	27.40	29.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.45	27.55	27.50	29.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.43	27.56	27.41	29.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.46	27.56	27.51	29.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.49	27.57	27.45	29.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.45	27.58	27.42	29.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.49	27.56	27.43	29.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.41	27.62	27.49	29.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.48	27.56	27.39	29.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.46	27.58	27.41	29.0	0.0

n2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.39	22.58	22.49	24.0	0.0
20	PI/2 BPSK	1	53	22.28	22.46	22.40		
20	PI/2 BPSK	1	104	22.36	22.54	22.40		
20	PI/2 BPSK	50	0	22.06	22.15	22.02	23.5	0.5
20	PI/2 BPSK	50	28	22.41	22.55	22.52	24.0	0.0
20	PI/2 BPSK	50	56	22.02	22.23	22.09	23.5	0.5
20	PI/2 BPSK	100	0	22.05	22.24	22.06		
20	QPSK	1	1	22.51	22.69	22.58	24.0	0.0
20	QPSK	1	53	22.38	22.55	22.47		
20	QPSK	1	104	22.40	22.62	22.52		
20	QPSK	50	0	21.56	21.73	21.61	23.0	1.0
20	QPSK	50	28	22.46	22.56	22.46	24.0	0.0
20	QPSK	50	56	21.49	21.70	21.58	23.0	1.0
20	QPSK	100	0	21.49	21.74	21.64		
20	16QAM	1	1	21.53	21.68	21.54	23.0	1.0
20	64QAM	1	1	20.00	20.17	20.12	21.5	2.5
20	256QAM	1	1	18.02	18.17	18.04	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.45	22.56	22.51	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.47	22.56	22.49	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.36	22.57	22.48	24.0	0.0

n66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.20	22.40	22.30	24.0	0.0
40	PI/2 BPSK	1	108	22.03	22.25	22.22		
40	PI/2 BPSK	1	214	22.04	22.26	22.15		
40	PI/2 BPSK	108	0	21.69	21.91	21.83	23.5	0.5
40	PI/2 BPSK	108	54	22.14	22.37	22.31	24.0	0.0
40	PI/2 BPSK	108	108	21.74	21.99	21.85	23.5	0.5
40	PI/2 BPSK	216	0	21.71	22.00	21.82		
40	QPSK	1	1	22.24	22.45	22.35	24.0	0.0
40	QPSK	1	108	22.14	22.33	22.27		
40	QPSK	1	214	22.18	22.39	22.26		
40	QPSK	108	0	21.22	21.45	21.39	23.0	1.0
40	QPSK	108	54	22.12	22.31	22.27	24.0	0.0
40	QPSK	108	108	21.24	21.48	21.32	23.0	1.0
40	QPSK	216	0	21.20	21.51	21.39		
40	16QAM	1	1	21.18	21.40	21.36	23.0	1.0
40	64QAM	1	1	19.68	19.95	19.90	21.5	2.5
40	256QAM	1	1	17.70	17.92	17.88	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.08	22.35	22.23	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.10	22.35	22.22	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.15	22.32	22.27	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.16	22.33	22.24	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.16	22.31	22.28	24.0	0.0

FR1 n70 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					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		22.28		24.0	0.0
15	PI/2 BPSK	1	40		22.16			
15	PI/2 BPSK	1	77		22.19			
15	PI/2 BPSK	36	0		21.85		23.5	0.5
15	PI/2 BPSK	36	22		22.27		24.0	0.0
15	PI/2 BPSK	36	43		21.87		23.5	0.5
15	PI/2 BPSK	75	0		21.80			
15	QPSK	1	1		22.34		24.0	0.0
15	QPSK	1	40		22.24			
15	QPSK	1	77		22.21			
15	QPSK	36	0		21.36		23.0	1.0
15	QPSK	36	22		22.27		24.0	0.0
15	QPSK	36	43		21.35		23.0	1.0
15	QPSK	75	0		21.38			
15	16QAM	1	1		21.30		23.0	1.0
15	64QAM	1	1		19.89		21.5	2.5
15	256QAM	1	1		17.84		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	PI/2 BPSK	1	1	22.19	22.21	22.23	0.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	PI/2 BPSK	1	1	22.17	22.27	22.20	0.0	0.0

n41 HPUE 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.56	25.03	24.65	26.0	0.0
100	PI/2 BPSK	1	137	24.52	25.03	24.66		
100	PI/2 BPSK	1	271	24.56	25.03	24.65		
100	PI/2 BPSK	135	0	24.07	24.55	24.14	25.5	0.5
100	PI/2 BPSK	135	69	24.54	25.03	24.65	26.0	0.0
100	PI/2 BPSK	135	138	24.08	24.52	24.14	25.5	0.5
100	PI/2 BPSK	270	0	24.06	24.56	24.14		
100	QPSK	1	1	24.54	25.05	24.68	26.0	0.0
100	QPSK	1	137	24.51	25.04	24.70		
100	QPSK	1	271	24.56	25.02	24.66		
100	QPSK	135	0	23.57	24.05	23.65	25.0	1.0
100	QPSK	135	69	24.55	25.02	24.69	26.0	0.0
100	QPSK	135	138	23.55	24.03	23.64	25.0	1.0
100	QPSK	270	0	23.58	24.04	23.64		
100	16QAM	1	1	23.06	23.18	23.10	25.0	1.0
100	64QAM	1	1	21.95	22.16	22.00	23.5	2.5
100	256QAM	1	1	19.82	20.03	19.94	21.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.53	25.01	24.67	26.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.55	25.03	24.67	26.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.73	24.85	24.85	26.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.75	24.89	24.83	26.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.75	24.94	24.84	26.0	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.79	24.92	24.85	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.73	24.91	24.86	26.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.76	25.01	24.88	26.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.75	24.89	24.84	26.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.74	24.74	24.86	26.0	0.0

Par27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.90	26.94	26.89	28.0	0.0
100	PI/2 BPSK	1	137	26.90	26.99	26.87		
100	PI/2 BPSK	1	271	26.84	27.03	26.83		
100	PI/2 BPSK	135	0	26.50	26.51	26.40	27.5	0.5
100	PI/2 BPSK	135	69	26.89	26.97	26.87	28.0	0.0
100	PI/2 BPSK	135	138	26.43	26.52	26.46	27.5	0.5
100	PI/2 BPSK	270	0	26.50	26.53	26.44		
100	QPSK	1	1	26.96	27.05	26.94	28.0	0.0
100	QPSK	1	137	26.85	26.94	26.90		
100	QPSK	1	271	26.84	27.02	26.89		
100	QPSK	135	0	25.97	26.05	25.91	27.0	1.0
100	QPSK	135	69	26.90	27.02	26.89	28.0	0.0
100	QPSK	135	138	25.94	26.01	25.92	27.0	1.0
100	QPSK	270	0	25.99	26.07	25.91		
100	16QAM	1	1	25.93	25.96	25.94	27.0	1.0
100	64QAM	1	1	23.30	23.37	23.32	25.5	2.5
100	256QAM	1	1	22.03	22.15	22.11	23.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.93	26.97	26.82	28.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.86	27.00	26.84	28.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.93	26.99	26.91	28.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.86	27.03	26.92	28.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.92	26.97	26.90	28.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.85	26.93	26.89	28.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.92	27.02	26.86	28.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.93	27.02	26.89	28.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.89	26.96	26.85	28.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.91	26.99	26.89	28.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.90	26.97	26.86	28.0	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.61		28.0	0.0
100	PI/2 BPSK	1	137		26.58			
100	PI/2 BPSK	1	271		26.51			
100	PI/2 BPSK	135	0		26.15		27.5	0.5
100	PI/2 BPSK	135	69		26.64		28.0	0.0
100	PI/2 BPSK	135	138		26.08		27.5	0.5
100	PI/2 BPSK	270	0		26.07			
100	QPSK	1	1		26.67		28.0	0.0
100	QPSK	1	137		26.62			
100	QPSK	1	271		26.61			
100	QPSK	135	0		25.66		27.0	1.0
100	QPSK	135	69		26.65		28.0	0.0
100	QPSK	135	138		25.58		27.0	1.0
100	QPSK	270	0		25.69			
100	16QAM	1	1		25.71		27.0	1.0
100	64QAM	1	1		23.26		25.5	2.5
100	256QAM	1	1		22.06		23.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.57	26.66	26.61	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.62	26.60	26.57	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.62	26.64	26.64	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.61	26.61	26.56	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.62	26.62	26.56	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.55	26.59	26.66	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.61	26.64	26.63	28.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.60	26.64	26.65	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.57	26.63	26.61	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.60	26.59	26.57	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.59	26.60	26.58	28.0	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.99		28.0	0.0
100	PI/2 BPSK	1	137		26.94			
100	PI/2 BPSK	1	271		26.98			
100	PI/2 BPSK	135	0		26.55		27.5	0.5
100	PI/2 BPSK	135	69		27.05		28.0	0.0
100	PI/2 BPSK	135	138		26.55		27.5	0.5
100	PI/2 BPSK	270	0		26.52			
100	QPSK	1	1		27.07		28.0	0.0
100	QPSK	1	137		27.01			
100	QPSK	1	271		26.98			
100	QPSK	135	0		25.99		27.0	1.0
100	QPSK	135	69		27.05		28.0	0.0
100	QPSK	135	138		26.06		27.0	1.0
100	QPSK	270	0		25.97			
100	16QAM	1	1		26.09		27.0	1.0
100	64QAM	1	1		23.39		25.5	2.5
100	256QAM	1	1		22.26		23.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.02	27.05	27.02	28.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.93	26.95	26.93	28.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.92	26.97	26.98	28.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.91	26.89	26.89	28.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.94	26.94	26.95	28.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.90	26.96	26.97	28.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.89	26.97	26.89	28.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.94	27.00	26.91	28.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.94	26.93	26.93	28.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.86	26.95	26.97	28.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.92	26.96	26.96	28.0	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.57		28.0	0.0
100	PI/2 BPSK	1	137		26.47			
100	PI/2 BPSK	1	271		26.46			
100	PI/2 BPSK	135	0		26.07		27.5	0.5
100	PI/2 BPSK	135	69		26.51		28.0	0.0
100	PI/2 BPSK	135	138		26.07		27.5	0.5
100	PI/2 BPSK	270	0		26.16			
100	QPSK	1	1		26.68		28.0	0.0
100	QPSK	1	137		26.58			
100	QPSK	1	271		26.59			
100	QPSK	135	0		25.62		27.0	1.0
100	QPSK	135	69		26.54		28.0	0.0
100	QPSK	135	138		25.58		27.0	1.0
100	QPSK	270	0		25.64			
100	16QAM	1	1		25.66		27.0	1.0
100	64QAM	1	1		23.13		25.5	2.5
100	256QAM	1	1		21.87		23.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.51	26.60	26.58	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.50	26.55	26.49	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.56	26.56	26.53	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.54	26.53	26.54	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.54	26.60	26.52	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.51	26.52	26.56	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.54	26.53	26.49	28.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.52	26.54	26.54	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.51	26.55	26.55	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.52	26.51	26.49	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.49	26.58	26.55	28.0	0.0

n41 HPUE Ant 8

BW [MHz]	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	24.66	25.04	25.03	26.0	0.0
100	PI/2 BPSK	1	137	24.61	25.01	24.96		
100	PI/2 BPSK	1	271	24.66	25.01	25.02		
100	PI/2 BPSK	135	0	24.20	24.51	24.54	25.5	0.5
100	PI/2 BPSK	135	69	24.60	25.02	24.98	26.0	0.0
100	PI/2 BPSK	135	138	24.13	24.57	24.54	25.5	0.5
100	PI/2 BPSK	270	0	24.20	24.56	24.54		
100	QPSK	1	1	24.67	25.05	25.04	26.0	0.0
100	QPSK	1	137	24.59	25.03	24.97		
100	QPSK	1	271	24.57	24.96	25.01		
100	QPSK	135	0	23.69	24.09	24.04	25.0	1.0
100	QPSK	135	69	24.60	25.01	25.00	26.0	0.0
100	QPSK	135	138	23.69	24.09	24.07	25.0	1.0
100	QPSK	270	0	23.65	24.03	24.01		
100	16QAM	1	1	23.26	22.82	23.30	25.0	1.0
100	64QAM	1	1	21.96	21.51	22.00	23.5	2.5
100	256QAM	1	1	20.11	19.73	20.19	21.5	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.62	25.03	25.00	26.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.61	25.02	24.96	26.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.60	25.45	24.99	26.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.63	25.03	25.02	26.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.60	25.01	25.01	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.62	25.02	24.95	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.60	24.89	24.95	26.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.60	24.95	24.99	26.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.63	24.98	24.96	26.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.61	24.91	24.99	26.0	0.0

n48 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.31	24.04	23.58	25.0	0.0
40	PI/2 BPSK	1	53	23.35	24.03	23.58		
40	PI/2 BPSK	1	104	23.32	24.01	23.52		
40	PI/2 BPSK	50	0	22.91	23.57	23.08	24.5	0.5
40	PI/2 BPSK	50	28	23.37	23.97	23.57	25.0	0.0
40	PI/2 BPSK	50	56	22.89	23.58	23.08	24.5	0.5
40	PI/2 BPSK	100	0	22.93	23.55	23.09		
40	QPSK	1	1	23.40	24.06	23.61	25.0	0.0
40	QPSK	1	53	23.36	24.02	23.58		
40	QPSK	1	104	23.34	23.98	23.53		
40	QPSK	50	0	22.39	23.07	22.59	24.0	1.0
40	QPSK	50	28	23.31	23.97	23.56	25.0	0.0
40	QPSK	50	56	22.39	23.05	22.63	24.0	1.0
40	QPSK	100	0	22.36	23.06	22.58		
40	16QAM	1	1	23.14	23.25	23.19	24.0	1.0
40	64QAM	1	1	21.56	21.75	21.70	22.5	2.5
40	256QAM	1	1	19.70	19.77	19.73	20.5	4.5
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
20	QPSK	1	1	23.33	24.02	23.53	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
15	QPSK	1	1	23.38	24.02	23.57	25.0	0.0
Channel				636834	641666	646500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.51	3624.99	3697.5		
10	QPSK	1	1	23.34	23.99	23.55	25.0	0.0

Par27O n77 HPUE Ant 8

BW [MHz]	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	27.19	27.21	26.94	28.0	0.0
100	PI/2 BPSK	1	137	27.16	27.26	26.88		
100	PI/2 BPSK	1	271	27.17	27.20	26.91		
100	PI/2 BPSK	135	0	26.76	26.76	26.46	27.5	0.5
100	PI/2 BPSK	135	69	27.19	27.19	26.91	28.0	0.0
100	PI/2 BPSK	135	138	26.76	26.80	26.48	27.5	0.5
100	PI/2 BPSK	270	0	26.73	26.78	26.45		
100	QPSK	1	1	27.26	27.28	26.96	28.0	0.0
100	QPSK	1	137	27.22	27.18	26.93		
100	QPSK	1	271	27.23	27.24	26.91		
100	QPSK	135	0	26.26	26.26	25.96	27.0	1.0
100	QPSK	135	69	27.18	27.24	26.89	28.0	0.0
100	QPSK	135	138	26.24	26.31	25.99	27.0	1.0
100	QPSK	270	0	26.24	26.32	25.94		
100	16QAM	1	1	26.37	26.43	26.40	27.0	1.0
100	64QAM	1	1	23.75	23.83	23.78	25.5	2.5
100	256QAM	1	1	22.35	22.44	22.43	23.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	27.18	27.23	26.86	28.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	27.20	27.22	26.87	28.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.24	27.22	26.91	28.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.20	27.24	26.89	28.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	27.20	27.25	26.90	28.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.23	27.22	26.89	28.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.18	27.20	26.86	28.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.19	27.22	26.92	28.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.19	27.18	26.90	28.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	27.20	27.19	26.89	28.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.17	27.26	26.92	28.0	0.0

Part27Q n77 HPUE Ant 8

BW [MHz]	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		26.67		28.0	0.0
100	PI/2 BPSK	1	137		26.70			
100	PI/2 BPSK	1	271		26.56			
100	PI/2 BPSK	135	0		26.31		27.5	0.5
100	PI/2 BPSK	135	69		26.71		28.0	0.0
100	PI/2 BPSK	135	138		26.25		27.5	0.5
100	PI/2 BPSK	270	0		26.20			
100	QPSK	1	1		26.72		28.0	0.0
100	QPSK	1	137		26.71			
100	QPSK	1	271		26.69			
100	QPSK	135	0		25.73		27.0	1.0
100	QPSK	135	69		26.70		28.0	0.0
100	QPSK	135	138		25.75		27.0	1.0
100	QPSK	270	0		25.80			
100	16QAM	1	1		25.73		27.0	1.0
100	64QAM	1	1		23.32		25.5	2.5
100	256QAM	1	1		21.85		23.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.62	26.68	26.64	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.67	26.68	26.64	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.63	26.71	26.68	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.67	26.71	26.64	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.61	26.67	26.70	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.63	26.70	26.64	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.67	26.66	26.70	28.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.64	26.71	26.67	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.62	26.70	26.68	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.68	26.68	26.68	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.64	26.70	26.67	28.0	0.0

Part27O n78 HPUE Ant 8

BW [MHz]	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		27.16		28.0	0.0
100	PI/2 BPSK	1	137		27.04			
100	PI/2 BPSK	1	271		27.08			
100	PI/2 BPSK	135	0		26.68		27.5	0.5
100	PI/2 BPSK	135	69		27.10		28.0	0.0
100	PI/2 BPSK	135	138		26.74		27.5	0.5
100	PI/2 BPSK	270	0		26.73			
100	QPSK	1	1		27.17		28.0	0.0
100	QPSK	1	137		27.14			
100	QPSK	1	271		27.15			
100	QPSK	135	0		26.15		27.0	1.0
100	QPSK	135	69		27.09		28.0	0.0
100	QPSK	135	138		26.18		27.0	1.0
100	QPSK	270	0		26.25			
100	16QAM	1	1		26.23		27.0	1.0
100	64QAM	1	1		23.61		25.5	2.5
100	256QAM	1	1		22.47		23.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.12	27.15	27.15	28.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.13	27.16	27.11	28.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.12	27.14	27.08	28.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.14	27.13	27.09	28.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.12	27.16	27.11	28.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.15	27.15	27.10	28.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.12	27.16	27.14	28.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.13	27.14	27.13	28.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.15	27.15	27.12	28.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.11	27.16	27.14	28.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.16	27.14	27.12	28.0	0.0

Part27Q 78 HPUE Ant 8

BW [MHz]	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		26.53		28.0	0.0
100	PI/2 BPSK	1	137		26.42			
100	PI/2 BPSK	1	271		26.49			
100	PI/2 BPSK	135	0		26.09		27.5	0.5
100	PI/2 BPSK	135	69		26.51		28.0	0.0
100	PI/2 BPSK	135	138		26.09		27.5	0.5
100	PI/2 BPSK	270	0		26.09			
100	QPSK	1	1		26.54		28.0	0.0
100	QPSK	1	137		26.51			
100	QPSK	1	271		26.49			
100	QPSK	135	0		25.56		27.0	1.0
100	QPSK	135	69		26.50		28.0	0.0
100	QPSK	135	138		25.56		27.0	1.0
100	QPSK	270	0		25.54			
100	16QAM	1	1		25.52		27.0	1.0
100	64QAM	1	1		23.13		25.5	2.5
100	256QAM	1	1		21.79		23.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.47	26.53	26.49	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.48	26.47	26.50	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.52	26.52	26.50	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.52	26.47	26.50	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.53	26.50	26.45	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.50	26.52	26.51	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.53	26.48	26.46	28.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.48	26.49	26.46	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.45	26.52	26.48	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.49	26.48	26.47	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.50	26.51	26.47	28.0	0.0

n30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.92		24.0	0.0
10	PI/2 BPSK	1	26		22.79			
10	PI/2 BPSK	1	50		22.81			
10	PI/2 BPSK	25	0		22.47		23.5	0.5
10	PI/2 BPSK	25	14		22.76		24.0	0.0
10	PI/2 BPSK	25	27		22.46		23.5	0.5
10	PI/2 BPSK	50	0		22.47			
10	QPSK	1	1		22.95		24.0	0.0
10	QPSK	1	26		22.87			
10	QPSK	1	50		22.90			
10	QPSK	25	0		21.92		23.0	1.0
10	QPSK	25	14		22.88		24.0	0.0
10	QPSK	25	27		21.97		23.0	1.0
10	QPSK	50	0		21.98			
10	16QAM	1	1		22.62		23.0	1.0
10	64QAM	1	1		21.07		21.5	2.5
10	256QAM	1	1		18.97		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.75	22.86	22.82	24.0	0.0

n41 HPUE Ant 9

BW [MHz]	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	22.35	22.61	22.56	24.0	0.0
100	PI/2 BPSK	1	137	22.37	22.59	22.57		
100	PI/2 BPSK	1	271	22.39	22.56	22.59		
100	PI/2 BPSK	135	0	21.93	22.15	22.10	23.5	0.5
100	PI/2 BPSK	135	69	22.41	22.48	22.55	24.0	0.0
100	PI/2 BPSK	135	138	21.94	22.15	22.12	23.5	0.5
100	PI/2 BPSK	270	0	21.98	22.09	22.14		
100	QPSK	1	1	22.45	22.66	22.63	24.0	0.0
100	QPSK	1	137	22.35	22.64	22.63		
100	QPSK	1	271	22.59	22.61	22.50		
100	QPSK	135	0	21.79	21.22	21.55	23.0	1.0
100	QPSK	135	69	22.16	22.55	22.50	24.0	0.0
100	QPSK	135	138	21.44	21.57	21.60	23.0	1.0
100	QPSK	270	0	21.47	21.52	21.51		
100	16QAM	1	1	21.06	21.03	21.07	23.0	1.0
100	64QAM	1	1	19.53	19.52	19.58	21.5	2.5
100	256QAM	1	1	17.54	17.52	17.53	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.40	22.59	22.57	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.41	22.62	22.54	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.37	22.61	22.56	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.43	22.57	22.54	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.41	22.58	22.55	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.42	22.62	22.56	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.36	22.56	22.57	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.41	22.58	22.60	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.42	22.63	22.54	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.42	22.60	22.60	24.0	0.0

Par27O n77 HPUE Ant 9

BW [MHz]	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	26.54	26.71	26.58	28.0	0.0
100	PI/2 BPSK	1	137	26.58	26.70	26.59		
100	PI/2 BPSK	1	271	26.55	26.65	26.60		
100	PI/2 BPSK	135	0	26.13	26.29	26.19	27.5	0.5
100	PI/2 BPSK	135	69	26.56	26.66	26.68	28.0	0.0
100	PI/2 BPSK	135	138	26.11	26.23	26.20	27.5	0.5
100	PI/2 BPSK	270	0	26.06	26.24	26.25		
100	QPSK	1	1	26.72	26.73	26.65	28.0	0.0
100	QPSK	1	137	26.64	26.70	26.60		
100	QPSK	1	271	26.69	26.71	26.64		
100	QPSK	135	0	25.55	25.81	25.68	27.0	1.0
100	QPSK	135	69	26.55	26.72	26.62	28.0	0.0
100	QPSK	135	138	25.56	25.75	25.69	27.0	1.0
100	QPSK	270	0	25.61	25.71	25.67		
100	16QAM	1	1	25.63	25.75	25.70	27.0	1.0
100	64QAM	1	1	23.55	23.54	23.52	25.5	2.5
100	256QAM	1	1	21.76	21.81	21.80	23.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.65	26.65	26.61	28.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.70	26.68	26.60	28.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.65	26.70	26.58	28.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.65	26.70	26.59	28.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.70	26.70	26.60	28.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.63	26.69	26.60	28.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.67	26.69	26.62	28.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.64	26.68	26.57	28.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.63	26.72	26.64	28.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.66	26.66	26.59	28.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.64	26.65	26.62	28.0	0.0

Part27Q n77 HPUE Ant 9

BW [MHz]	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		26.43		28.0	0.0
100	PI/2 BPSK	1	137		26.35			
100	PI/2 BPSK	1	271		26.36			
100	PI/2 BPSK	135	0		25.97		27.5	0.5
100	PI/2 BPSK	135	69		26.43		28.0	0.0
100	PI/2 BPSK	135	138		25.94		27.5	0.5
100	PI/2 BPSK	270	0		25.93			
100	QPSK	1	1		26.45		28.0	0.0
100	QPSK	1	137		26.41			
100	QPSK	1	271		26.41			
100	QPSK	135	0		25.94		27.0	1.0
100	QPSK	135	69		26.41		28.0	0.0
100	QPSK	135	138		25.96		27.0	1.0
100	QPSK	270	0		25.94			
100	16QAM	1	1		25.50		27.0	1.0
100	64QAM	1	1		22.96		25.5	2.5
100	256QAM	1	1		21.84		23.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.26	26.40	26.33	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.30	26.39	26.37	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.32	26.41	26.36	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.33	26.44	26.39	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.33	26.41	26.40	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.28	26.42	26.37	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.33	26.39	26.35	28.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.29	26.44	26.41	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.29	26.41	26.39	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.32	26.38	26.37	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.32	26.38	26.33	28.0	0.0

Part27O n78 HPUE Ant 9

BW [MHz]	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.68		28.0	0.0
100	PI/2 BPSK	1	137		26.61			
100	PI/2 BPSK	1	271		26.58			
100	PI/2 BPSK	135	0		26.14		27.5	0.5
100	PI/2 BPSK	135	69		26.64		28.0	0.0
100	PI/2 BPSK	135	138		26.11		27.5	0.5
100	PI/2 BPSK	270	0		26.21			
100	QPSK	1	1		26.77		28.0	0.0
100	QPSK	1	137		26.59			
100	QPSK	1	271		26.67			
100	QPSK	135	0		25.66		27.0	1.0
100	QPSK	135	69		26.61		28.0	0.0
100	QPSK	135	138		25.66		27.0	1.0
100	QPSK	270	0		25.65			
100	16QAM	1	1		25.85		27.0	1.0
100	64QAM	1	1		23.17		25.5	2.5
100	256QAM	1	1		21.87		23.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.61	23.65	23.54	28.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.55	23.56	23.52	28.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.54	23.60	23.57	28.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.57	23.62	23.59	28.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.58	23.66	23.52	28.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.60	23.63	23.60	28.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.57	23.60	23.53	28.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.55	23.60	23.57	28.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.57	23.60	23.54	28.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.54	23.64	23.53	28.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.57	23.63	23.59	28.0	0.0

Part27Q 78 HPUE Ant 9

BW [MHz]	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		26.34		28.0	0.0
100	PI/2 BPSK	1	137		26.26			
100	PI/2 BPSK	1	271		26.15			
100	PI/2 BPSK	135	0		25.82		27.5	0.5
100	PI/2 BPSK	135	69		26.26		28.0	0.0
100	PI/2 BPSK	135	138		25.89		27.5	0.5
100	PI/2 BPSK	270	0		25.83			
100	QPSK	1	1		26.38		28.0	0.0
100	QPSK	1	137		26.32			
100	QPSK	1	271		26.27			
100	QPSK	135	0		25.30		27.0	1.0
100	QPSK	135	69		26.31		28.0	0.0
100	QPSK	135	138		25.31		27.0	1.0
100	QPSK	270	0		25.39			
100	16QAM	1	1		25.33		27.0	1.0
100	64QAM	1	1		23.04		25.5	2.5
100	256QAM	1	1		21.66		23.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.31	26.28	26.36	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.28	26.29	26.36	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.30	26.30	26.30	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.32	26.35	26.30	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.25	26.34	26.31	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.25	26.29	26.33	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.27	26.35	26.32	28.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.24	26.32	26.31	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.32	26.32	26.28	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.29	26.34	26.33	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.34	26.34	26.32	28.0	0.0

Reduced Power Mode for Receive on

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.40	21.40	21.38	23.0	0.0
20	PI/2 BPSK	1	53	21.32	21.27	21.30		
20	PI/2 BPSK	1	104	21.41	21.38	21.22		
20	PI/2 BPSK	50	0	21.32	21.27	21.28	23.0	0.0
20	PI/2 BPSK	50	28	21.26	21.23	21.24	23.0	0.0
20	PI/2 BPSK	50	56	21.33	21.31	21.21	23.0	0.0
20	PI/2 BPSK	100	0	21.25	21.27	21.27		
20	QPSK	1	1	21.54	21.60	21.56	23.0	0.0
20	QPSK	1	53	21.49	21.41	21.45		
20	QPSK	1	104	21.56	21.57	21.36		
20	QPSK	50	0	21.52	21.59	21.43	23.0	0.0
20	QPSK	50	28	21.42	21.44	21.42	23.0	0.0
20	QPSK	50	56	21.47	21.47	21.41	23.0	0.0
20	QPSK	100	0	21.36	21.42	21.40		
20	16QAM	1	1	21.42	21.41	21.32	23.0	0.0
20	64QAM	1	1	20.11	20.23	19.91	21.5	1.5
20	256QAM	1	1	18.10	18.06	17.99	19.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.53	21.56	21.49	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.58	21.58	21.50	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.53	21.57	21.47	23.0	0.0

n5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.41	23.44	23.45	24.0	0.0
20	PI/2 BPSK	1	53	23.41	23.42	23.40		
20	PI/2 BPSK	1	104	23.45	23.42	23.41		
20	PI/2 BPSK	50	0	22.99	23.08	22.96	23.5	0.5
20	PI/2 BPSK	50	28	23.40	23.49	23.39	24.0	0.0
20	PI/2 BPSK	50	56	23.05	23.11	22.95	23.5	0.5
20	PI/2 BPSK	100	0	23.10	23.12	23.03		
20	QPSK	1	1	23.55	23.58	23.51	24.0	0.0
20	QPSK	1	53	23.50	23.54	23.47		
20	QPSK	1	104	23.50	23.53	23.45		
20	QPSK	50	0	22.56	22.56	22.47	23.0	1.0
20	QPSK	50	28	23.46	23.51	23.48	24.0	0.0
20	QPSK	50	56	22.57	22.57	22.50	23.0	1.0
20	QPSK	100	0	22.51	22.59	22.52		
20	16QAM	1	1	22.53	22.56	22.49	23.0	1.0
20	64QAM	1	1	21.09	21.03	21.04	21.5	2.5
20	256QAM	1	1	19.02	19.05	19.06	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.46	23.51	23.37	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.46	23.41	23.40	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.44	23.46	23.36	24.0	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.78	22.80	22.67	24.0	0.0
40	PI/2 BPSK	1	108	22.69	22.76	22.67		
40	PI/2 BPSK	1	214	22.61	22.64	22.60		
40	PI/2 BPSK	108	0	22.35	22.38	22.26	23.5	0.5
40	PI/2 BPSK	108	54	22.62	22.66	22.64	24.0	0.0
40	PI/2 BPSK	108	108	22.32	22.33	22.33	23.5	0.5
40	PI/2 BPSK	216	0	22.28	22.31	22.24		
40	QPSK	1	1	22.81	22.84	22.80	24.0	0.0
40	QPSK	1	108	22.76	22.78	22.72		
40	QPSK	1	214	22.74	22.72	22.71		
40	QPSK	108	0	21.86	21.86	21.82	23.0	1.0
40	QPSK	108	54	22.67	22.74	22.69	24.0	0.0
40	QPSK	108	108	21.75	21.82	21.79	23.0	1.0
40	QPSK	216	0	21.85	21.87	21.83		
40	16QAM	1	1	21.87	21.82	21.80	23.0	1.0
40	64QAM	1	1	20.29	20.33	20.28	21.5	2.5
40	256QAM	1	1	18.28	18.37	18.33	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.66	22.70	22.77	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.74	22.78	22.67	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.70	22.73	22.68	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.77	22.71	22.73	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.80	22.69	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.68	22.79	22.66	24.0	0.0

n12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.41	22.41	22.37	24.0	0.0
15	PI/2 BPSK	1	40	22.32	22.28	22.27		
15	PI/2 BPSK	1	77	22.28	22.26	22.19		
15	PI/2 BPSK	36	0	22.04	21.96	22.00	23.5	0.5
15	PI/2 BPSK	36	22	22.35	22.42	22.35	24.0	0.0
15	PI/2 BPSK	36	43	22.03	22.01	21.97	23.5	0.5
15	PI/2 BPSK	75	0	21.96	22.07	21.96		
15	QPSK	1	1	22.49	22.51	22.48	24.0	0.0
15	QPSK	1	40	22.44	22.41	22.40		
15	QPSK	1	77	22.39	22.41	22.34		
15	QPSK	36	0	21.51	21.56	21.52	23.0	1.0
15	QPSK	36	22	22.45	22.46	22.33	24.0	0.0
15	QPSK	36	43	21.45	21.53	21.54	23.0	1.0
15	QPSK	75	0	21.47	21.55	21.46		
15	16QAM	1	1	21.52	21.48	21.53	23.0	1.0
15	64QAM	1	1	19.94	20.03	19.96	21.5	2.5
15	256QAM	1	1	17.98	17.96	18.00	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.45	22.42	22.35	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.39	22.39	22.42	24.0	0.0

n13 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					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		22.02		24.0	0.0
10	PI/2 BPSK	1	26		21.91			
10	PI/2 BPSK	1	50		21.93			
10	PI/2 BPSK	25	0		21.65		23.5	0.5
10	PI/2 BPSK	25	14		22.06		24.0	0.0
10	PI/2 BPSK	25	27		21.60		23.5	0.5
10	PI/2 BPSK	50	0		21.62			
10	QPSK	1	1		22.13		24.0	0.0
10	QPSK	1	26		22.01			
10	QPSK	1	50		22.04			
10	QPSK	25	0		21.07		23.0	1.0
10	QPSK	25	14		22.08		24.0	0.0
10	QPSK	25	27		21.14		23.0	1.0
10	QPSK	50	0		21.16			
10	16QAM	1	1		21.99		23.0	1.0
10	64QAM	1	1		20.62		21.5	2.5
10	256QAM	1	1		18.57		19.5	4.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	21.98	22.01	21.92	24.0	0.0

n14 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					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.84		25.0	0.0
10	PI/2 BPSK	1	26		23.76			
10	PI/2 BPSK	1	50		23.77			
10	PI/2 BPSK	25	0		23.39		24.5	0.5
10	PI/2 BPSK	25	14		23.83		25.0	0.0
10	PI/2 BPSK	25	27		23.48		24.5	0.5
10	PI/2 BPSK	50	0		23.41			
10	QPSK	1	1		23.94		25.0	0.0
10	QPSK	1	26		23.86			
10	QPSK	1	50		23.87			
10	QPSK	25	0		22.99		24.0	1.0
10	QPSK	25	14		23.89		25.0	0.0
10	QPSK	25	27		22.89		24.0	1.0
10	QPSK	50	0		22.91			
10	16QAM	1	1		22.85		24.0	1.0
10	64QAM	1	1		21.43		22.5	2.5
10	256QAM	1	1		19.45		20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.82	23.88	23.85	25.0	0.0

n25 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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.30	21.40	21.27	23.0	0.0
40	PI/2 BPSK	1	108	21.18	21.36	21.30		
40	PI/2 BPSK	1	214	21.21	21.49	21.26		
40	PI/2 BPSK	108	0	21.32	21.27	21.30	23.0	0.0
40	PI/2 BPSK	108	54	21.20	21.27	21.14	23.0	0.0
40	PI/2 BPSK	108	108	21.11	21.34	21.15	23.0	0.0
40	PI/2 BPSK	216	0	21.10	21.31	21.19		
40	QPSK	1	1	21.52	21.66	21.51	23.0	0.0
40	QPSK	1	108	21.33	21.57	21.48		
40	QPSK	1	214	21.38	21.58	21.36		
40	QPSK	108	0	21.37	21.45	21.31	23.0	0.0
40	QPSK	108	54	21.40	21.55	21.46	23.0	0.0
40	QPSK	108	108	21.24	21.55	21.25	23.0	0.0
40	QPSK	216	0	21.26	21.39	21.15		
40	16QAM	1	1	21.24	21.46	21.23	23.0	0.0
40	64QAM	1	1	20.09	20.12	20.04	21.5	1.5
40	256QAM	1	1	17.95	18.13	18.01	19.5	3.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.39	21.42	21.29	23.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.35	21.30	21.36	23.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.34	21.39	21.37	23.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.38	21.37	21.38	23.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.37	21.31	21.38	23.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.37	21.35	21.29	23.0	0.0

n26 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.50	23.38	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.35	23.30	23.38		
20	PI/2 BPSK	1	104	23.37	23.36	23.49		
20	PI/2 BPSK	50	0	23.03	23.02	23.22	23.5	0.5
20	PI/2 BPSK	50	28	23.50	23.44	23.58	24.0	0.0
20	PI/2 BPSK	50	56	23.12	23.06	23.21	23.5	0.5
20	PI/2 BPSK	100	0	23.09	23.07	23.21		
20	QPSK	1	1	23.58	23.51	23.66	24.0	0.0
20	QPSK	1	53	23.50	23.42	23.52		
20	QPSK	1	104	23.46	23.48	23.57		
20	QPSK	50	0	22.60	22.49	22.70	23.0	1.0
20	QPSK	50	28	23.52	23.47	23.60	24.0	0.0
20	QPSK	50	56	22.56	22.47	22.61	23.0	1.0
20	QPSK	100	0	22.63	22.49	22.62		
20	16QAM	1	1	22.55	22.51	22.56	23.0	1.0
20	64QAM	1	1	21.11	20.98	21.13	21.5	2.5
20	256QAM	1	1	19.05	19.01	19.15	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.53	23.44	23.54	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.53	23.46	23.60	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.48	23.45	23.54	24.0	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.86	20.02	19.99	21.0	0.0
40	PI/2 BPSK	1	108	19.81	19.80	19.78		
40	PI/2 BPSK	1	214	19.72	19.82	19.73		
40	PI/2 BPSK	108	0	19.96	19.90	19.92	21.0	0.0
40	PI/2 BPSK	108	54	19.74	19.84	19.84	21.0	0.0
40	PI/2 BPSK	108	108	19.79	19.80	19.76	21.0	0.0
40	PI/2 BPSK	216	0	19.76	19.81	19.77		
40	QPSK	1	1	19.90	20.05	19.95	21.0	0.0
40	QPSK	1	108	19.74	19.89	19.81		
40	QPSK	1	214	19.87	19.82	19.77		
40	QPSK	108	0	19.82	19.94	19.87	21.0	0.0
40	QPSK	108	54	19.78	19.96	19.83	21.0	0.0
40	QPSK	108	108	19.86	19.90	19.78	21.0	0.0
40	QPSK	216	0	19.73	19.83	19.78		
40	16QAM	1	1	19.87	19.99	19.80	21.0	0.0
40	64QAM	1	1	19.69	19.82	19.84	21.0	0.0
40	256QAM	1	1	18.25	18.39	18.16	19.5	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.91	19.92	19.95	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.92	20.02	19.91	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.81	20.01	19.97	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.90	20.03	19.96	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.86	19.98	19.90	21.0	0.0

n71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.81	21.84	21.84	23.0	0.0
20	PI/2 BPSK	1	53	21.63	21.75	21.74		
20	PI/2 BPSK	1	104	21.76	21.69	21.68		
20	PI/2 BPSK	50	0	21.75	21.80	21.74	23.0	0.0
20	PI/2 BPSK	50	28	21.66	21.62	21.62	23.0	0.0
20	PI/2 BPSK	50	56	21.68	21.75	21.74	23.0	0.0
20	PI/2 BPSK	100	0	21.76	21.69	21.77		
20	QPSK	1	1	21.81	21.88	21.74	23.0	0.0
20	QPSK	1	53	21.60	21.66	21.64		
20	QPSK	1	104	21.73	21.69	21.77		
20	QPSK	50	0	21.69	21.70	21.72	23.0	0.0
20	QPSK	50	28	21.66	21.76	21.68	23.0	0.0
20	QPSK	50	56	21.67	21.67	21.70	23.0	0.0
20	QPSK	100	0	21.76	21.78	21.73		
20	16QAM	1	1	21.78	21.76	21.74	23.0	0.0
20	64QAM	1	1	20.30	20.35	20.28	21.5	1.5
20	256QAM	1	1	18.28	18.37	18.33	19.5	3.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.68	21.74	21.68	23.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.71	21.77	21.74	23.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.70	21.76	21.76	23.0	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.81	22.92	22.87	24.0	0.0
40	PI/2 BPSK	1	53	22.72	22.88	22.66		
40	PI/2 BPSK	1	104	22.80	22.81	22.76		
40	PI/2 BPSK	50	0	22.44	22.48	22.41	23.5	0.5
40	PI/2 BPSK	50	28	22.85	22.93	22.78	24.0	0.0
40	PI/2 BPSK	50	56	22.46	22.48	22.40	23.5	0.5
40	PI/2 BPSK	100	0	22.49	22.43	22.43		
40	QPSK	1	1	22.94	22.96	22.92	24.0	0.0
40	QPSK	1	53	22.80	22.93	22.78		
40	QPSK	1	104	22.90	22.93	22.88		
40	QPSK	50	0	21.91	21.98	21.95	23.0	1.0
40	QPSK	50	28	22.82	22.84	22.82	24.0	0.0
40	QPSK	50	56	21.91	21.93	21.90	23.0	1.0
40	QPSK	100	0	21.95	21.97	21.92		
40	16QAM	1	1	21.98	21.92	21.88	23.0	1.0
40	64QAM	1	1	20.42	20.47	20.47	21.5	2.5
40	256QAM	1	1	18.45	18.41	18.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.82	22.86	22.78	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.86	22.87	22.87	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.84	22.85	22.81	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.78	22.86	22.81	24.0	0.0

n41 HPUE 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.89	24.96	24.94	26.0	0.0
100	PI/2 BPSK	1	137	24.77	24.98	24.82		
100	PI/2 BPSK	1	271	24.90	24.90	24.89		
100	PI/2 BPSK	135	0	24.54	24.64	24.61	25.5	0.5
100	PI/2 BPSK	135	69	25.02	25.06	24.83	26.0	0.0
100	PI/2 BPSK	135	138	24.54	24.57	24.51	25.5	0.5
100	PI/2 BPSK	270	0	24.54	24.57	24.52		
100	QPSK	1	1	24.94	25.11	24.99	26.0	0.0
100	QPSK	1	137	24.85	24.97	24.83		
100	QPSK	1	271	25.00	25.01	25.00		
100	QPSK	135	0	23.90	23.98	24.04	25.0	1.0
100	QPSK	135	69	24.95	24.96	24.89	26.0	0.0
100	QPSK	135	138	24.02	24.08	24.00	25.0	1.0
100	QPSK	270	0	24.00	24.06	24.04		
100	16QAM	1	1	24.14	24.07	24.00	25.0	1.0
100	64QAM	1	1	22.47	22.59	22.66	23.5	2.5
100	256QAM	1	1	20.65	20.43	20.48	21.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.87	25.05	24.95	26.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.91	25.06	24.89	26.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.87	25.03	24.89	26.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.89	25.02	24.94	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.88	25.01	24.86	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.87	25.07	24.88	26.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.88	24.96	24.86	26.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.82	25.06	24.91	26.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.87	25.01	24.94	26.0	0.0

Par27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	28.06	28.08	27.70	29.0	0.0
100	PI/2 BPSK	1	137	27.94	27.91	27.49		
100	PI/2 BPSK	1	271	28.03	28.03	27.60		
100	PI/2 BPSK	135	0	27.73	27.63	27.28	28.5	0.5
100	PI/2 BPSK	135	69	28.05	28.11	27.56	29.0	0.0
100	PI/2 BPSK	135	138	27.71	27.66	27.26	28.5	0.5
100	PI/2 BPSK	270	0	27.59	27.59	27.34		
100	QPSK	1	1	28.10	28.16	27.79	29.0	0.0
100	QPSK	1	137	28.14	27.98	27.56		
100	QPSK	1	271	27.99	28.10	27.66		
100	QPSK	135	0	27.17	27.22	26.82	29.0	0.0
100	QPSK	135	69	28.06	28.08	27.68	29.0	0.0
100	QPSK	135	138	27.24	27.10	26.73	29.0	0.0
100	QPSK	270	0	27.18	27.23	26.76		
100	16QAM	1	1	27.17	27.17	26.79	28.0	1.0
100	64QAM	1	1	25.65	25.65	25.26	26.5	2.5
100	256QAM	1	1	23.65	23.62	23.28	24.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	28.02	28.12	27.67	29.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	28.00	28.06	27.67	29.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	28.05	28.05	27.69	29.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.99	28.03	27.72	29.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	28.06	28.04	27.69	29.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.97	28.04	27.67	29.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.99	28.08	27.76	29.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.96	28.02	27.72	29.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.98	28.07	27.66	29.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	28.06	28.07	27.71	29.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.98	28.04	27.70	29.0	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.74		29.0	0.0
100	PI/2 BPSK	1	137		27.73			
100	PI/2 BPSK	1	271		27.69			
100	PI/2 BPSK	135	0		27.38		28.5	0.5
100	PI/2 BPSK	135	69		27.78		29.0	0.0
100	PI/2 BPSK	135	138		27.40		28.5	0.5
100	PI/2 BPSK	270	0		27.32			
100	QPSK	1	1		27.88		29.0	0.0
100	QPSK	1	137		27.77			
100	QPSK	1	271		27.69			
100	QPSK	135	0		26.82		29.0	0.0
100	QPSK	135	69		27.81		29.0	0.0
100	QPSK	135	138		26.81		29.0	0.0
100	QPSK	270	0		26.89			
100	16QAM	1	1		26.83		28.0	1.0
100	64QAM	1	1		25.40		26.5	2.5
100	256QAM	1	1		23.35		24.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.70	27.82	27.70	29.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.74	27.72	27.65	29.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.81	27.73	27.74	29.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.75	27.74	27.72	29.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.73	27.72	27.71	29.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.74	27.82	27.70	29.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.80	27.81	27.68	29.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.77	27.74	27.71	29.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.80	27.75	27.65	29.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.81	27.73	27.67	29.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.77	27.74	27.73	29.0	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		27.94		29.0	0.0
100	PI/2 BPSK	1	137		27.80			
100	PI/2 BPSK	1	271		27.91			
100	PI/2 BPSK	135	0		27.54		28.5	0.5
100	PI/2 BPSK	135	69		28.05		29.0	0.0
100	PI/2 BPSK	135	138		27.59		28.5	0.5
100	PI/2 BPSK	270	0		27.46			
100	QPSK	1	1		28.10		29.0	0.0
100	QPSK	1	137		27.92			
100	QPSK	1	271		28.02			
100	QPSK	135	0		27.11		29.0	0.0
100	QPSK	135	69		28.02		29.0	0.0
100	QPSK	135	138		27.05		29.0	0.0
100	QPSK	270	0		27.13			
100	16QAM	1	1		27.13		28.0	1.0
100	64QAM	1	1		25.62		26.5	2.5
100	256QAM	1	1		23.52		24.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.92	28.00	27.56	29.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.89	28.09	27.59	29.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.90	28.05	27.60	29.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.98	27.98	27.61	29.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.96	28.07	27.53	29.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.88	27.99	27.60	29.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.90	28.02	27.60	29.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.90	28.04	27.56	29.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.89	27.99	27.62	29.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.96	28.04	27.63	29.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.92	28.04	27.64	29.0	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.50		29.0	0.0
100	PI/2 BPSK	1	137		27.51			
100	PI/2 BPSK	1	271		27.43			
100	PI/2 BPSK	135	0		27.09		28.5	0.5
100	PI/2 BPSK	135	69		27.50		29.0	0.0
100	PI/2 BPSK	135	138		27.15		28.5	0.5
100	PI/2 BPSK	270	0		27.09			
100	QPSK	1	1		27.62		29.0	0.0
100	QPSK	1	137		27.51			
100	QPSK	1	271		27.49			
100	QPSK	135	0		26.52		29.0	0.0
100	QPSK	135	69		27.54		29.0	0.0
100	QPSK	135	138		26.60		29.0	0.0
100	QPSK	270	0		26.60			
100	16QAM	1	1		26.55		28.0	1.0
100	64QAM	1	1		25.12		26.5	2.5
100	256QAM	1	1		23.12		24.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.49	27.59	27.40	29.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.50	27.56	27.40	29.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.45	27.55	27.50	29.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.43	27.56	27.41	29.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.46	27.56	27.51	29.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.49	27.57	27.45	29.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.45	27.58	27.42	29.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.49	27.56	27.43	29.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.41	27.62	27.49	29.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.48	27.56	27.39	29.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.46	27.58	27.41	29.0	0.0

FR1 n70 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					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		16.31		18.0	0.0
15	PI/2 BPSK	1	40		16.19			
15	PI/2 BPSK	1	77		16.19			
15	PI/2 BPSK	36	0		16.21		18.0	0.0
15	PI/2 BPSK	36	22		16.22		18.0	0.0
15	PI/2 BPSK	36	43		16.19		18.0	0.0
15	PI/2 BPSK	75	0		16.19			
15	QPSK	1	1		16.36		18.0	0.0
15	QPSK	1	40		16.19			
15	QPSK	1	77		16.24			
15	QPSK	36	0		16.21		18.0	0.0
15	QPSK	36	22		16.34		18.0	0.0
15	QPSK	36	43		16.20		18.0	0.0
15	QPSK	75	0		16.25			
15	16QAM	1	1		16.21		18.0	0.0
15	64QAM	1	1		16.23		18.0	0.0
15	256QAM	1	1		16.20		18.0	0.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	PI/2 BPSK	1	1	16.25	16.24	16.26	18.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	PI/2 BPSK	1	1	16.22	16.21	16.20	18.0	0.0

n41 HPUE 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.68	20.14	19.88	21.0	0.0
100	PI/2 BPSK	1	137	19.73	20.21	19.79		
100	PI/2 BPSK	1	271	19.83	20.16	19.97		
100	PI/2 BPSK	135	0	19.79	20.20	19.93	21.0	0.0
100	PI/2 BPSK	135	69	19.70	20.28	19.82	21.0	0.0
100	PI/2 BPSK	135	138	19.68	20.27	19.81	21.0	0.0
100	PI/2 BPSK	270	0	19.73	20.16	19.82		
100	QPSK	1	1	19.87	20.33	19.88	21.0	0.0
100	QPSK	1	137	19.75	20.20	19.91		
100	QPSK	1	271	19.68	20.30	19.89		
100	QPSK	135	0	19.65	20.19	19.80	21.0	0.0
100	QPSK	135	69	19.70	20.31	19.80	21.0	0.0
100	QPSK	135	138	19.76	20.15	19.75	21.0	0.0
100	QPSK	270	0	19.73	20.19	19.79		
100	16QAM	1	1	19.69	20.20	19.83	21.0	0.0
100	64QAM	1	1	19.69	20.15	19.91	21.0	0.0
100	256QAM	1	1	19.85	20.17	19.83	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.70	20.20	19.91	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.72	20.25	19.92	21.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.69	20.24	19.99	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.70	20.23	19.95	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.61	20.19	19.88	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.73	20.21	19.93	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.70	20.13	19.98	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.69	20.21	19.89	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.68	20.17	19.87	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.72	20.23	19.88	21.0	0.0

Par27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.49	19.61	19.35	20.5	0.0
100	PI/2 BPSK	1	137	19.30	19.45	19.36		
100	PI/2 BPSK	1	271	19.23	19.51	19.39		
100	PI/2 BPSK	135	0	19.51	19.48	19.37	20.5	0.0
100	PI/2 BPSK	135	69	19.25	19.53	19.46	20.5	0.0
100	PI/2 BPSK	135	138	19.42	19.51	19.37	20.5	0.0
100	PI/2 BPSK	270	0	18.45	18.54	18.35		
100	QPSK	1	1	19.52	19.65	19.43	20.5	0.0
100	QPSK	1	137	19.37	19.49	19.37		
100	QPSK	1	271	19.36	19.62	19.46		
100	QPSK	135	0	19.52	19.55	19.50	20.5	0.0
100	QPSK	135	69	19.26	19.61	19.51	20.5	0.0
100	QPSK	135	138	19.37	19.53	19.31	20.5	0.0
100	QPSK	270	0	19.40	19.53	19.39		
100	16QAM	1	1	19.57	19.58	19.44	20.5	0.0
100	64QAM	1	1	19.35	19.51	19.48	20.5	0.0
100	256QAM	1	1	19.32	19.51	19.42	20.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.34	19.39	19.39	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.52	19.43	19.38	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.53	19.52	19.21	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.39	19.41	19.37	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.46	19.45	19.34	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.38	19.43	19.25	20.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.36	19.38	19.30	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.53	19.36	19.33	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.34	19.40	19.31	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.52	19.51	19.36	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.46	19.46	19.24	20.5	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.09		20.5	0.0
100	PI/2 BPSK	1	137		19.12			
100	PI/2 BPSK	1	271		19.21			
100	PI/2 BPSK	135	0		19.11		20.5	0.0
100	PI/2 BPSK	135	69		19.04		20.5	0.0
100	PI/2 BPSK	135	138		19.01		20.5	0.0
100	PI/2 BPSK	270	0		19.07			
100	QPSK	1	1		19.26		20.5	0.0
100	QPSK	1	137		19.20			
100	QPSK	1	271		19.07			
100	QPSK	135	0		19.21		20.5	0.0
100	QPSK	135	69		19.23		20.5	0.0
100	QPSK	135	138		19.00		20.5	0.0
100	QPSK	270	0		19.19			
100	16QAM	1	1		19.06		20.5	0.0
100	64QAM	1	1		19.05		20.5	0.0
100	256QAM	1	1		19.01		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.16	19.08	19.02	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.10	19.08	19.06	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.11	19.09	19.07	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.08	19.08	19.01	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.05	19.06	19.05	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.18	19.12	19.09	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.08	19.00	19.02	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.10	19.04	19.02	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.09	19.07	19.03	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.12	19.00	19.06	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.08	19.00	19.09	20.5	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.47		20.5	0.0
100	PI/2 BPSK	1	137		19.39			
100	PI/2 BPSK	1	271		19.48			
100	PI/2 BPSK	135	0		19.43		20.5	0.0
100	PI/2 BPSK	135	69		19.32		20.5	0.0
100	PI/2 BPSK	135	138		19.31		20.5	0.0
100	PI/2 BPSK	270	0		19.52			
100	QPSK	1	1		19.54		20.5	0.0
100	QPSK	1	137		19.51			
100	QPSK	1	271		19.30			
100	QPSK	135	0		19.43		20.5	0.0
100	QPSK	135	69		19.45		20.5	0.0
100	QPSK	135	138		19.43		20.5	0.0
100	QPSK	270	0		19.37			
100	16QAM	1	1		19.46		20.5	0.0
100	64QAM	1	1		19.39		20.5	0.0
100	256QAM	1	1		19.39		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.51	19.46	19.36	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.46	19.48	19.29	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.50	19.53	19.29	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.49	19.46	19.40	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.43	19.47	19.30	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.53	19.43	19.29	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.47	19.40	19.38	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.46	19.42	19.43	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.46	19.41	19.41	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.46	19.49	19.40	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.49	19.49	19.31	20.5	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.16		20.5	0.0
100	PI/2 BPSK	1	137		19.12			
100	PI/2 BPSK	1	271		19.15			
100	PI/2 BPSK	135	0		19.14		20.5	0.0
100	PI/2 BPSK	135	69		19.07		20.5	0.0
100	PI/2 BPSK	135	138		19.08		20.5	0.0
100	PI/2 BPSK	270	0		19.16			
100	QPSK	1	1		19.21		20.5	0.0
100	QPSK	1	137		19.13			
100	QPSK	1	271		19.15			
100	QPSK	135	0		19.16		20.5	0.0
100	QPSK	135	69		19.17		20.5	0.0
100	QPSK	135	138		19.11		20.5	0.0
100	QPSK	270	0		19.14			
100	16QAM	1	1		19.15		20.5	0.0
100	64QAM	1	1		19.11		20.5	0.0
100	256QAM	1	1		19.08		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.94	19.15	19.05	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.02	19.14	19.13	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.08	19.14	19.14	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.00	19.15	19.13	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.04	19.08	19.12	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.06	19.13	19.01	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.02	19.12	19.08	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.96	19.15	19.01	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.95	19.04	19.06	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.99	19.16	19.11	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.99	19.10	19.11	20.5	0.0

n41 HPUE Ant 8

BW [MHz]	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	20.73	21.56	21.07	22.0	0.0
100	PI/2 BPSK	1	137	20.62	21.52	21.03		
100	PI/2 BPSK	1	271	20.61	21.59	21.12		
100	PI/2 BPSK	135	0	20.76	21.62	21.10	22.0	0.0
100	PI/2 BPSK	135	69	20.74	21.61	20.95	22.0	0.0
100	PI/2 BPSK	135	138	20.61	21.50	21.09	22.0	0.0
100	PI/2 BPSK	270	0	20.68	21.62	21.10		
100	QPSK	1	1	20.69	21.69	21.04	22.0	0.0
100	QPSK	1	137	20.63	21.55	21.00		
100	QPSK	1	271	20.57	21.58	21.06		
100	QPSK	135	0	20.69	21.54	21.17	22.0	0.0
100	QPSK	135	69	20.61	21.62	21.10	22.0	0.0
100	QPSK	135	138	20.62	21.56	21.07	22.0	0.0
100	QPSK	270	0	20.77	21.62	21.04		
100	16QAM	1	1	20.71	21.59	21.03	22.0	0.0
100	64QAM	1	1	20.66	21.54	21.06	22.0	0.0
100	256QAM	1	1	20.07	21.00	20.49	21.5	0.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.72	21.57	21.04	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.70	21.60	21.05	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.70	21.57	21.03	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.68	21.58	21.03	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.75	21.53	21.08	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.75	21.61	21.06	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.68	21.57	21.08	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.77	21.55	21.09	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.71	21.63	21.08	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.72	21.53	21.04	22.0	0.0

n48 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.44	13.95	13.68	15.0	0.0
40	PI/2 BPSK	1	53	13.31	14.07	13.57		
40	PI/2 BPSK	1	104	13.40	14.06	13.64		
40	PI/2 BPSK	50	0	13.38	13.98	13.55	15.0	0.0
40	PI/2 BPSK	50	28	13.34	13.99	13.43	15.0	0.0
40	PI/2 BPSK	50	56	13.29	13.84	13.40	15.0	0.0
40	PI/2 BPSK	100	0	13.34	13.92	13.52		
40	QPSK	1	1	13.31	14.11	13.43	15.0	0.0
40	QPSK	1	53	13.26	13.93	13.38		
40	QPSK	1	104	13.22	14.09	13.57		
40	QPSK	50	0	13.45	13.80	13.47	15.0	0.0
40	QPSK	50	28	13.38	14.10	13.43	15.0	0.0
40	QPSK	50	56	13.25	14.09	13.62	15.0	0.0
40	QPSK	100	0	13.22	14.00	13.58		
40	16QAM	1	1	13.20	13.83	13.64	15.0	0.0
40	64QAM	1	1	13.28	14.02	13.37	15.0	0.0
40	256QAM	1	1	13.28	14.00	13.43	15.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
20	QPSK	1	1	13.45	14.09	13.52	15.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
15	QPSK	1	1	13.42	14.06	13.58	15.0	0.0
Channel				636834	641666	646500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.51	3624.99	3697.5		
10	QPSK	1	1	13.31	14.04	13.30	15.0	0.0

Par27O n77 HPUE Ant 8

BW [MHz]	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	15.35	15.22	14.95	16.0	0.0
100	PI/2 BPSK	1	137	15.12	15.24	14.93		
100	PI/2 BPSK	1	271	15.27	15.14	14.92		
100	PI/2 BPSK	135	0	15.30	15.19	15.05	16.0	0.0
100	PI/2 BPSK	135	69	15.18	15.26	14.97	16.0	0.0
100	PI/2 BPSK	135	138	15.32	15.23	14.94	16.0	0.0
100	PI/2 BPSK	270	0	15.16	15.15	14.80		
100	QPSK	1	1	15.19	15.37	14.97	16.0	0.0
100	QPSK	1	137	15.17	15.25	14.86		
100	QPSK	1	271	15.17	15.17	14.93		
100	QPSK	135	0	15.11	15.21	14.88	16.0	0.0
100	QPSK	135	69	15.25	15.32	14.85	16.0	0.0
100	QPSK	135	138	15.15	15.17	14.96	16.0	0.0
100	QPSK	270	0	15.12	15.21	14.90		
100	16QAM	1	1	15.22	15.18	15.05	16.0	0.0
100	64QAM	1	1	15.21	15.18	14.89	16.0	0.0
100	256QAM	1	1	15.16	15.28	14.96	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.22	15.14	14.83	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.09	15.30	14.92	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.27	15.27	14.81	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.14	15.27	14.87	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.27	15.25	14.82	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.11	15.28	14.87	16.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.27	15.25	14.89	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.09	15.23	14.93	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.22	15.25	14.88	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.26	15.29	14.92	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.16	15.16	14.81	16.0	0.0

Part27Q n77 HPUE Ant 8

BW [MHz]	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		14.78		16.0	0.0
100	PI/2 BPSK	1	137		14.77			
100	PI/2 BPSK	1	271		14.78			
100	PI/2 BPSK	135	0		14.73		16.0	0.0
100	PI/2 BPSK	135	69		14.61		16.0	0.0
100	PI/2 BPSK	135	138		14.61		16.0	0.0
100	PI/2 BPSK	270	0		14.62			
100	QPSK	1	1		14.80		16.0	0.0
100	QPSK	1	137		14.73			
100	QPSK	1	271		14.76			
100	QPSK	135	0		14.73		16.0	0.0
100	QPSK	135	69		14.77		16.0	0.0
100	QPSK	135	138		14.76		16.0	0.0
100	QPSK	270	0		14.68			
100	16QAM	1	1		14.75		16.0	0.0
100	64QAM	1	1		14.66		16.0	0.0
100	256QAM	1	1		14.76		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.64	14.70	14.56	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.55	14.59	14.72	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.71	14.69	14.69	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.52	14.78	14.58	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.57	14.62	14.69	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.55	14.72	14.67	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.67	14.62	14.55	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.60	14.68	14.63	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.70	14.65	14.63	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.65	14.68	14.69	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.65	14.75	14.70	16.0	0.0

Part27O n78 HPUE Ant 8

BW [MHz]	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.18		16.0	0.0
100	PI/2 BPSK	1	137		15.31			
100	PI/2 BPSK	1	271		15.12			
100	PI/2 BPSK	135	0		15.22		16.0	0.0
100	PI/2 BPSK	135	69		15.11		16.0	0.0
100	PI/2 BPSK	135	138		15.17		16.0	0.0
100	PI/2 BPSK	270	0		15.10			
100	QPSK	1	1		15.32		16.0	0.0
100	QPSK	1	137		15.07			
100	QPSK	1	271		15.07			
100	QPSK	135	0		15.17		16.0	0.0
100	QPSK	135	69		15.20		16.0	0.0
100	QPSK	135	138		15.16		16.0	0.0
100	QPSK	270	0		15.15			
100	16QAM	1	1		15.07		16.0	0.0
100	64QAM	1	1		15.22		16.0	0.0
100	256QAM	1	1		15.10		16.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.11	15.15	15.14	16.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.19	15.10	15.08	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.20	15.17	15.15	16.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.13	15.25	15.24	16.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.19	15.10	15.18	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.03	15.11	15.23	16.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.03	15.23	15.15	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.04	15.10	15.24	16.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.17	15.17	15.20	16.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.15	15.21	15.10	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.20	15.16	15.10	16.0	0.0

Part27Q 78 HPUE Ant 8

BW [MHz]	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		14.53		16.0	0.0
100	PI/2 BPSK	1	137		14.45			
100	PI/2 BPSK	1	271		14.55			
100	PI/2 BPSK	135	0		14.59		16.0	0.0
100	PI/2 BPSK	135	69		14.50		16.0	0.0
100	PI/2 BPSK	135	138		14.53		16.0	0.0
100	PI/2 BPSK	270	0		14.56			
100	QPSK	1	1		14.72		16.0	0.0
100	QPSK	1	137		14.47			
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.61		16.0	0.0
100	QPSK	135	69		14.69		16.0	0.0
100	QPSK	135	138		14.54		16.0	0.0
100	QPSK	270	0		14.53			
100	16QAM	1	1		14.47		16.0	0.0
100	64QAM	1	1		14.66		16.0	0.0
100	256QAM	1	1		14.52		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.47	14.60	14.57	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.44	14.60	14.56	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.48	14.45	14.42	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.42	14.45	14.48	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.44	14.59	14.50	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.40	14.50	14.54	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.44	14.52	14.54	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.48	14.46	14.46	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.55	14.58	14.57	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.49	14.55	14.49	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.41	14.43	14.57	16.0	0.0

n30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		15.93		17.0	0.0
10	PI/2 BPSK	1	26		15.91			
10	PI/2 BPSK	1	50		15.94			
10	PI/2 BPSK	25	0		15.93		17.0	0.0
10	PI/2 BPSK	25	14		15.92		17.0	0.0
10	PI/2 BPSK	25	27		15.85		17.0	0.0
10	PI/2 BPSK	50	0		15.82			
10	QPSK	1	1		15.97		17.0	0.0
10	QPSK	1	26		15.92			
10	QPSK	1	50		15.90			
10	QPSK	25	0		15.89		17.0	0.0
10	QPSK	25	14		15.93		17.0	0.0
10	QPSK	25	27		15.85		17.0	0.0
10	QPSK	50	0		15.82			
10	16QAM	1	1		15.93		17.0	0.0
10	64QAM	1	1		15.88		17.0	0.0
10	256QAM	1	1		15.89		17.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	15.74	15.91	15.87	17.0	0.0

n41 HPUE Ant 9

BW [MHz]	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	20.87	21.13	21.04	22.5	0.0
100	PI/2 BPSK	1	137	20.87	21.09	21.11		
100	PI/2 BPSK	1	271	20.91	21.06	21.06		
100	PI/2 BPSK	135	0	20.71	20.97	20.92	22.5	0.0
100	PI/2 BPSK	135	69	20.71	20.98	20.98	22.5	0.0
100	PI/2 BPSK	135	138	20.79	21.00	21.07	22.5	0.0
100	PI/2 BPSK	270	0	20.72	20.98	21.06		
100	QPSK	1	1	21.00	21.20	21.11	22.5	0.0
100	QPSK	1	137	20.84	21.13	21.13		
100	QPSK	1	271	21.11	21.14	21.01		
100	QPSK	135	0	20.78	20.98	21.02	22.5	0.0
100	QPSK	135	69	20.76	21.11	21.01	22.5	0.0
100	QPSK	135	138	20.98	21.09	20.96	22.5	0.0
100	QPSK	270	0	20.82	21.01	20.99		
100	16QAM	1	1	20.66	20.88	21.02	22.5	0.0
100	64QAM	1	1	19.43	19.46	19.55	21.5	1.0
100	256QAM	1	1	17.45	17.48	17.43	19.5	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.85	21.10	21.07	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.83	21.10	21.08	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.81	21.07	21.07	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.86	21.10	21.10	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.86	21.14	21.04	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.80	21.14	21.09	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.86	21.08	21.09	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.86	21.12	21.02	22.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.80	21.09	21.02	22.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.85	21.12	21.01	22.5	0.0

Par27O n77 HPUE Ant 9

BW [MHz]	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	18.50	18.72	18.65	20.0	0.0
100	PI/2 BPSK	1	137	18.50	18.72	18.67		
100	PI/2 BPSK	1	271	18.53	18.67	18.58		
100	PI/2 BPSK	135	0	18.64	18.71	18.62	20.0	0.0
100	PI/2 BPSK	135	69	18.62	18.58	18.74	20.0	0.0
100	PI/2 BPSK	135	138	18.49	18.65	18.53	20.0	0.0
100	PI/2 BPSK	270	0	18.41	18.68	18.63		
100	QPSK	1	1	18.67	18.89	18.77	20.0	0.0
100	QPSK	1	137	18.59	18.63	18.55		
100	QPSK	1	271	18.42	18.61	18.72		
100	QPSK	135	0	18.54	18.75	18.71	20.0	0.0
100	QPSK	135	69	18.57	18.86	18.58	20.0	0.0
100	QPSK	135	138	18.45	18.65	18.48	20.0	0.0
100	QPSK	270	0	18.44	18.75	18.60		
100	16QAM	1	1	18.67	18.81	18.79	20.0	0.0
100	64QAM	1	1	18.58	18.80	18.63	20.0	0.0
100	256QAM	1	1	18.60	18.65	18.58	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.49	18.81	18.63	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.47	18.75	18.61	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.45	18.72	18.61	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.50	18.74	18.56	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.43	18.71	18.56	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.43	18.76	18.57	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.54	18.79	18.60	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.41	18.77	18.60	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.50	18.77	18.59	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.45	18.70	18.57	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.54	18.74	18.57	20.0	0.0

Part27Q n77 HPUE Ant 9

BW [MHz]	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		18.53		20.0	0.0
100	PI/2 BPSK	1	137		18.47			
100	PI/2 BPSK	1	271		18.33			
100	PI/2 BPSK	135	0		18.38		20.0	0.0
100	PI/2 BPSK	135	69		18.35		20.0	0.0
100	PI/2 BPSK	135	138		18.50		20.0	0.0
100	PI/2 BPSK	270	0		18.41			
100	QPSK	1	1		18.60		20.0	0.0
100	QPSK	1	137		18.46			
100	QPSK	1	271		18.35			
100	QPSK	135	0		18.44		20.0	0.0
100	QPSK	135	69		18.54		20.0	0.0
100	QPSK	135	138		18.43		20.0	0.0
100	QPSK	270	0		18.47			
100	16QAM	1	1		18.54		20.0	0.0
100	64QAM	1	1		18.45		20.0	0.0
100	256QAM	1	1		18.44		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.26	18.38	18.35	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.36	18.45	18.26	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.28	18.44	18.24	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.30	18.42	18.30	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.34	18.38	18.25	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.36	18.47	18.34	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.34	18.40	18.32	20.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.33	18.38	18.35	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.29	18.38	18.34	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.37	18.39	18.30	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.35	18.39	18.26	20.0	0.0

Part27O n78 HPUE Ant 9

BW [MHz]	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.62		20.0	0.0
100	PI/2 BPSK	1	137		18.61			
100	PI/2 BPSK	1	271		18.59			
100	PI/2 BPSK	135	0		18.65		20.0	0.0
100	PI/2 BPSK	135	69		18.53		20.0	0.0
100	PI/2 BPSK	135	138		18.72		20.0	0.0
100	PI/2 BPSK	270	0		18.65			
100	QPSK	1	1		18.77		20.0	0.0
100	QPSK	1	137		18.49			
100	QPSK	1	271		18.65			
100	QPSK	135	0		18.64		20.0	0.0
100	QPSK	135	69		18.71		20.0	0.0
100	QPSK	135	138		18.66		20.0	0.0
100	QPSK	270	0		18.69			
100	16QAM	1	1		18.67		20.0	0.0
100	64QAM	1	1		18.54		20.0	0.0
100	256QAM	1	1		18.66		20.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.65	18.54	18.63	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.61	18.53	18.63	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.59	18.52	18.65	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.59	18.57	18.66	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.60	18.57	18.59	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.59	18.55	18.61	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.66	18.54	18.60	20.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.57	18.55	18.68	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.62	18.57	18.64	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.59	18.55	18.67	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.67	18.60	18.61	20.0	0.0

Part27Q 78 HPUE Ant 9

BW [MHz]	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		18.31		20.0	0.0
100	PI/2 BPSK	1	137		18.36			
100	PI/2 BPSK	1	271		18.21			
100	PI/2 BPSK	135	0		18.26		20.0	0.0
100	PI/2 BPSK	135	69		18.38		20.0	0.0
100	PI/2 BPSK	135	138		18.38		20.0	0.0
100	PI/2 BPSK	270	0		18.29			
100	QPSK	1	1		18.43		20.0	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.36			
100	QPSK	135	0		18.35		20.0	0.0
100	QPSK	135	69		18.40		20.0	0.0
100	QPSK	135	138		18.26		20.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.31		20.0	0.0
100	64QAM	1	1		18.40		20.0	0.0
100	256QAM	1	1		18.16		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.19	18.26	18.27	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.24	18.24	18.29	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.22	18.27	18.29	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.24	18.29	18.30	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.17	18.26	18.22	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.21	18.26	18.26	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.17	18.28	18.26	20.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.22	18.26	18.25	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.16	18.30	18.28	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.19	18.21	18.24	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.19	18.25	18.20	20.0	0.0

Reduced Power Mode for Sensor on

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.09	17.13	17.06	18.5	0.0
20	PI/2 BPSK	1	53	16.99	16.90	17.02		
20	PI/2 BPSK	1	104	17.02	17.07	16.97		
20	PI/2 BPSK	50	0	17.12	17.11	17.02	18.5	0.0
20	PI/2 BPSK	50	28	16.99	16.95	16.91	18.5	0.0
20	PI/2 BPSK	50	56	17.11	17.12	16.98	18.5	0.0
20	PI/2 BPSK	100	0	17.11	17.09	16.98		
20	QPSK	1	1	17.08	17.14	17.04	18.5	0.0
20	QPSK	1	53	16.97	16.93	16.90		
20	QPSK	1	104	17.08	17.12	16.99		
20	QPSK	50	0	17.11	17.09	17.08	18.5	0.0
20	QPSK	50	28	17.01	17.12	16.98	18.5	0.0
20	QPSK	50	56	17.11	17.10	16.97	18.5	0.0
20	QPSK	100	0	17.01	17.03	16.97		
20	16QAM	1	1	17.08	17.10	17.09	18.5	0.0
20	64QAM	1	1	16.97	16.94	16.91	18.5	0.0
20	256QAM	1	1	17.04	17.07	16.99	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.09	17.02	16.88	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.01	17.13	16.92	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.05	17.10	16.94	18.5	0.0

n5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.41	23.44	23.45	24.0	0.0
20	PI/2 BPSK	1	53	23.41	23.42	23.40		
20	PI/2 BPSK	1	104	23.45	23.42	23.41		
20	PI/2 BPSK	50	0	22.99	23.08	22.96	23.5	0.5
20	PI/2 BPSK	50	28	23.40	23.49	23.39	24.0	0.0
20	PI/2 BPSK	50	56	23.05	23.11	22.95	23.5	0.5
20	PI/2 BPSK	100	0	23.10	23.12	23.03		
20	QPSK	1	1	23.55	23.58	23.51	24.0	0.0
20	QPSK	1	53	23.50	23.54	23.47		
20	QPSK	1	104	23.50	23.53	23.45		
20	QPSK	50	0	22.56	22.56	22.47	23.0	1.0
20	QPSK	50	28	23.46	23.51	23.48	24.0	0.0
20	QPSK	50	56	22.57	22.57	22.50	23.0	1.0
20	QPSK	100	0	22.51	22.59	22.52		
20	16QAM	1	1	22.53	22.56	22.49	23.0	1.0
20	64QAM	1	1	21.09	21.03	21.04	21.5	2.5
20	256QAM	1	1	19.02	19.05	19.06	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.46	23.51	23.37	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.46	23.41	23.40	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.44	23.46	23.36	24.0	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	13.32	13.33	13.14	14.5	0.0
40	PI/2 BPSK	1	108	13.22	13.31	13.19		
40	PI/2 BPSK	1	214	13.13	13.16	13.08		
40	PI/2 BPSK	108	0	13.23	13.25	13.22	14.5	0.0
40	PI/2 BPSK	108	54	13.22	13.25	13.21	14.5	0.0
40	PI/2 BPSK	108	108	13.17	13.18	13.15	14.5	0.0
40	PI/2 BPSK	216	0	13.17	13.31	13.19		
40	QPSK	1	1	13.33	13.35	13.21	14.5	0.0
40	QPSK	1	108	13.13	13.26	13.20		
40	QPSK	1	214	13.06	13.14	13.06		
40	QPSK	108	0	13.25	13.29	13.21	14.5	0.0
40	QPSK	108	54	13.15	13.30	13.11	14.5	0.0
40	QPSK	108	108	13.13	13.12	13.16	14.5	0.0
40	QPSK	216	0	13.20	13.23	13.23		
40	16QAM	1	1	13.27	13.25	13.15	14.5	0.0
40	64QAM	1	1	13.18	13.25	13.14	14.5	0.0
40	256QAM	1	1	13.11	13.19	13.14	14.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	13.21	13.30	13.13	14.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	13.16	13.24	13.22	14.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	13.16	13.28	13.22	14.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.14	13.24	13.18	#REF!	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.18	13.21	13.12	14.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.20	13.31	13.14	14.5	0.0

n12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.41	22.41	22.37	24.0	0.0
15	PI/2 BPSK	1	40	22.32	22.28	22.27		
15	PI/2 BPSK	1	77	22.28	22.26	22.19		
15	PI/2 BPSK	36	0	22.04	21.96	22.00	23.5	0.5
15	PI/2 BPSK	36	22	22.35	22.42	22.35	24.0	0.0
15	PI/2 BPSK	36	43	22.03	22.01	21.97	23.5	0.5
15	PI/2 BPSK	75	0	21.96	22.07	21.96		
15	QPSK	1	1	22.49	22.51	22.48	24.0	0.0
15	QPSK	1	40	22.44	22.41	22.40		
15	QPSK	1	77	22.39	22.41	22.34		
15	QPSK	36	0	21.51	21.56	21.52	23.0	1.0
15	QPSK	36	22	22.45	22.46	22.33	24.0	0.0
15	QPSK	36	43	21.45	21.53	21.54	23.0	1.0
15	QPSK	75	0	21.47	21.55	21.46		
15	16QAM	1	1	21.52	21.48	21.53	23.0	1.0
15	64QAM	1	1	19.94	20.03	19.96	21.5	2.5
15	256QAM	1	1	17.98	17.96	18.00	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.45	22.42	22.35	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.39	22.39	22.42	24.0	0.0

n13 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					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		22.02		24.0	0.0
10	PI/2 BPSK	1	26		21.91			
10	PI/2 BPSK	1	50		21.93			
10	PI/2 BPSK	25	0		21.65		23.5	0.5
10	PI/2 BPSK	25	14		22.06		24.0	0.0
10	PI/2 BPSK	25	27		21.60		23.5	0.5
10	PI/2 BPSK	50	0		21.62			
10	QPSK	1	1		22.13		24.0	0.0
10	QPSK	1	26		22.01			
10	QPSK	1	50		22.04			
10	QPSK	25	0		21.07		23.0	1.0
10	QPSK	25	14		22.08		24.0	0.0
10	QPSK	25	27		21.14		23.0	1.0
10	QPSK	50	0		21.16			
10	16QAM	1	1		21.99		23.0	1.0
10	64QAM	1	1		20.62		21.5	2.5
10	256QAM	1	1		18.57		19.5	4.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	21.98	22.01	21.92	24.0	0.0

n14 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					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.84		25.0	0.0
10	PI/2 BPSK	1	26		23.76			
10	PI/2 BPSK	1	50		23.77			
10	PI/2 BPSK	25	0		23.39		24.5	0.5
10	PI/2 BPSK	25	14		23.83		25.0	0.0
10	PI/2 BPSK	25	27		23.48		24.5	0.5
10	PI/2 BPSK	50	0		23.41			
10	QPSK	1	1		23.94		25.0	0.0
10	QPSK	1	26		23.86			
10	QPSK	1	50		23.87			
10	QPSK	25	0		22.99		24.0	1.0
10	QPSK	25	14		23.89		25.0	0.0
10	QPSK	25	27		22.89		24.0	1.0
10	QPSK	50	0		22.91			
10	16QAM	1	1		22.85		24.0	1.0
10	64QAM	1	1		21.43		22.5	2.5
10	256QAM	1	1		19.45		20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.82	23.88	23.85	25.0	0.0

n25 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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.01	17.14	17.08	18.5	0.0
40	PI/2 BPSK	1	108	16.91	16.96	16.98		
40	PI/2 BPSK	1	214	16.93	17.08	16.96		
40	PI/2 BPSK	108	0	16.95	17.10	17.04	18.5	0.0
40	PI/2 BPSK	108	54	16.91	16.95	17.01	18.5	0.0
40	PI/2 BPSK	108	108	16.88	17.05	16.97	18.5	0.0
40	PI/2 BPSK	216	0	16.88	16.99	16.95		
40	QPSK	1	1	17.05	17.17	17.00	18.5	0.0
40	QPSK	1	108	16.92	17.06	16.97		
40	QPSK	1	214	16.88	17.05	16.94		
40	QPSK	108	0	17.03	17.08	16.99	18.5	0.0
40	QPSK	108	54	16.93	17.14	16.88	18.5	0.0
40	QPSK	108	108	16.92	17.02	16.99	18.5	0.0
40	QPSK	216	0	16.83	17.08	16.94		
40	16QAM	1	1	16.98	17.13	17.03	18.5	0.0
40	64QAM	1	1	16.81	16.98	16.90	18.5	0.0
40	256QAM	1	1	16.94	17.00	16.87	18.5	0.0
Channel				372000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.90	17.06	16.97	18.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.89	16.96	16.95	18.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.88	17.07	17.01	18.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.88	16.97	16.98	18.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.90	17.03	17.00	18.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.78	16.95	17.03	18.5	0.0

n26 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.50	23.38	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.35	23.30	23.38		
20	PI/2 BPSK	1	104	23.37	23.36	23.49		
20	PI/2 BPSK	50	0	23.03	23.02	23.22	23.5	0.5
20	PI/2 BPSK	50	28	23.50	23.44	23.58	24.0	0.0
20	PI/2 BPSK	50	56	23.12	23.06	23.21	23.5	0.5
20	PI/2 BPSK	100	0	23.09	23.07	23.21		
20	QPSK	1	1	23.58	23.51	23.66	24.0	0.0
20	QPSK	1	53	23.50	23.42	23.52		
20	QPSK	1	104	23.46	23.48	23.57		
20	QPSK	50	0	22.60	22.49	22.70	23.0	1.0
20	QPSK	50	28	23.52	23.47	23.60	24.0	0.0
20	QPSK	50	56	22.56	22.47	22.61	23.0	1.0
20	QPSK	100	0	22.63	22.49	22.62		
20	16QAM	1	1	22.55	22.51	22.56	23.0	1.0
20	64QAM	1	1	21.11	20.98	21.13	21.5	2.5
20	256QAM	1	1	19.05	19.01	19.15	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.53	23.44	23.54	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.53	23.46	23.60	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.48	23.45	23.54	24.0	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.37	15.48	15.44	16.5	0.0
40	PI/2 BPSK	1	108	15.25	15.30	15.28		
40	PI/2 BPSK	1	214	15.27	15.37	15.28		
40	PI/2 BPSK	108	0	15.41	15.41	15.44	16.5	0.0
40	PI/2 BPSK	108	54	15.24	15.38	15.29	16.5	0.0
40	PI/2 BPSK	108	108	15.31	15.35	15.26	16.5	0.0
40	PI/2 BPSK	216	0	15.26	15.34	15.32		
40	QPSK	1	1	15.35	15.51	15.43	16.5	0.0
40	QPSK	1	108	15.22	15.35	15.25		
40	QPSK	1	214	15.33	15.35	15.32		
40	QPSK	108	0	15.34	15.45	15.37	16.5	0.0
40	QPSK	108	54	15.25	15.49	15.34	16.5	0.0
40	QPSK	108	108	15.32	15.38	15.26	16.5	0.0
40	QPSK	216	0	15.20	15.32	15.33		
40	16QAM	1	1	15.34	15.49	15.32	16.5	0.0
40	64QAM	1	1	15.24	15.37	15.36	16.5	0.0
40	256QAM	1	1	15.20	15.35	15.20	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.30	15.30	15.28	16.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.28	15.36	15.25	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.22	15.34	15.29	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.31	15.36	15.27	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.21	15.29	15.33	16.5	0.0

n71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.81	21.84	21.84	23.0	0.0
20	PI/2 BPSK	1	53	21.63	21.75	21.74		
20	PI/2 BPSK	1	104	21.76	21.69	21.68		
20	PI/2 BPSK	50	0	21.75	21.80	21.74	23.0	0.0
20	PI/2 BPSK	50	28	21.66	21.62	21.62	23.0	0.0
20	PI/2 BPSK	50	56	21.68	21.75	21.74	23.0	0.0
20	PI/2 BPSK	100	0	21.76	21.69	21.77		
20	QPSK	1	1	21.81	21.88	21.74	23.0	0.0
20	QPSK	1	53	21.60	21.66	21.64		
20	QPSK	1	104	21.73	21.69	21.77		
20	QPSK	50	0	21.69	21.70	21.72	23.0	0.0
20	QPSK	50	28	21.66	21.76	21.68	23.0	0.0
20	QPSK	50	56	21.67	21.67	21.70	23.0	0.0
20	QPSK	100	0	21.76	21.78	21.73		
20	16QAM	1	1	21.78	21.76	21.74	23.0	0.0
20	64QAM	1	1	20.30	20.35	20.28	21.5	1.5
20	256QAM	1	1	18.28	18.37	18.33	19.5	3.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.68	21.74	21.68	23.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.71	21.77	21.74	23.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.70	21.76	21.76	23.0	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	13.93	13.95	13.88	15.0	0.0
40	PI/2 BPSK	1	53	13.78	13.95	13.84		
40	PI/2 BPSK	1	104	13.88	13.92	13.87		
40	PI/2 BPSK	50	0	13.93	13.91	13.98	15.0	0.0
40	PI/2 BPSK	50	28	13.77	13.97	13.74	15.0	0.0
40	PI/2 BPSK	50	56	13.89	13.86	13.81	15.0	0.0
40	PI/2 BPSK	100	0	13.85	13.97	13.74		
40	QPSK	1	1	13.98	14.02	13.86	15.0	0.0
40	QPSK	1	53	13.86	13.93	13.72		
40	QPSK	1	104	13.97	13.97	13.94		
40	QPSK	50	0	13.96	13.95	13.94	15.0	0.0
40	QPSK	50	28	13.83	13.97	13.82	15.0	0.0
40	QPSK	50	56	13.85	13.91	13.93	15.0	0.0
40	QPSK	100	0	13.76	13.86	13.84		
40	16QAM	1	1	13.90	13.99	13.90	15.0	0.0
40	64QAM	1	1	13.78	13.99	13.72	15.0	0.0
40	256QAM	1	1	13.86	13.93	13.91	15.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	13.83	14.00	13.79	15.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.80	13.95	13.77	15.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	13.75	13.96	13.73	15.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	13.80	13.90	13.85	15.0	0.0

n41 HPUE 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.98	17.09	17.01	18.0	0.0
100	PI/2 BPSK	1	137	16.81	16.94	16.83		
100	PI/2 BPSK	1	271	17.05	16.99	17.01		
100	PI/2 BPSK	135	0	16.97	17.08	16.96	18.0	0.0
100	PI/2 BPSK	135	69	16.89	17.02	16.82	18.0	0.0
100	PI/2 BPSK	135	138	16.98	16.98	16.96	18.0	0.0
100	PI/2 BPSK	270	0	16.90	17.02	16.87		
100	QPSK	1	1	16.93	17.12	17.03	18.0	0.0
100	QPSK	1	137	16.81	16.99	16.87		
100	QPSK	1	271	17.03	16.98	16.99		
100	QPSK	135	0	16.92	17.01	17.03	18.0	0.0
100	QPSK	135	69	16.87	17.05	16.81	18.0	0.0
100	QPSK	135	138	17.05	17.01	16.94	18.0	0.0
100	QPSK	270	0	16.88	16.98	16.79		
100	16QAM	1	1	17.00	17.05	17.03	18.0	0.0
100	64QAM	1	1	16.80	16.98	16.83	18.0	0.0
100	256QAM	1	1	17.06	17.03	17.05	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.97	17.05	17.00	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.96	17.00	17.04	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.97	16.99	17.05	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.95	17.06	17.06	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.03	16.96	17.03	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.95	16.98	17.05	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.04	17.01	17.02	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.98	16.99	17.05	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.94	16.98	16.99	18.0	0.0

Par27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.13	21.14	20.82	22.0	0.0
100	PI/2 BPSK	1	137	21.22	20.96	20.81		
100	PI/2 BPSK	1	271	20.94	21.18	20.74		
100	PI/2 BPSK	135	0	21.01	21.14	20.83	22.0	0.0
100	PI/2 BPSK	135	69	21.18	20.95	20.90	22.0	0.0
100	PI/2 BPSK	135	138	20.94	21.19	20.73	22.0	0.0
100	PI/2 BPSK	270	0	20.90	21.08	20.76		
100	QPSK	1	1	21.16	21.23	20.73	22.0	0.0
100	QPSK	1	137	21.18	21.03	20.83		
100	QPSK	1	271	20.94	21.14	20.70		
100	QPSK	135	0	21.13	21.08	20.79	22.0	0.0
100	QPSK	135	69	21.11	21.21	20.95	22.0	0.0
100	QPSK	135	138	21.00	21.20	20.84	22.0	0.0
100	QPSK	270	0	20.90	21.09	20.70		
100	16QAM	1	1	21.16	21.11	20.75	22.0	0.0
100	64QAM	1	1	21.18	21.00	20.85	22.0	0.0
100	256QAM	1	1	21.01	21.21	20.81	22.0	0.0
Channel				649660	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.89	21.10	20.72	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.06	21.14	20.76	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.91	21.14	20.64	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.99	21.13	20.71	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.93	21.19	20.71	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.10	21.02	20.74	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.01	21.03	20.70	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.89	21.02	20.68	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.06	21.21	20.73	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.97	21.10	20.75	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.90	21.17	20.58	22.0	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.93		22.0	0.0
100	PI/2 BPSK	1	137		20.86			
100	PI/2 BPSK	1	271		20.80			
100	PI/2 BPSK	135	0		20.88		22.0	0.0
100	PI/2 BPSK	135	69		20.76		22.0	0.0
100	PI/2 BPSK	135	138		20.61		22.0	0.0
100	PI/2 BPSK	270	0		20.82			
100	QPSK	1	1		20.94		22.0	0.0
100	QPSK	1	137		20.68			
100	QPSK	1	271		20.61			
100	QPSK	135	0		20.81		22.0	0.0
100	QPSK	135	69		20.87		22.0	0.0
100	QPSK	135	138		20.78		22.0	0.0
100	QPSK	270	0		20.89			
100	16QAM	1	1		20.91		22.0	0.0
100	64QAM	1	1		20.87		22.0	0.0
100	256QAM	1	1		20.61		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.66	20.85	20.80	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.72	20.79	20.77	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.61	20.80	20.74	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.71	20.84	20.65	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.68	20.86	20.78	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.75	20.86	20.65	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.65	20.82	20.80	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.72	20.78	20.72	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.69	20.90	20.77	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.62	20.83	20.67	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.78	20.92	20.77	22.0	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.02		22.0	0.0
100	PI/2 BPSK	1	137		20.88			
100	PI/2 BPSK	1	271		21.04			
100	PI/2 BPSK	135	0		21.02		22.0	0.0
100	PI/2 BPSK	135	69		21.01		22.0	0.0
100	PI/2 BPSK	135	138		20.95		22.0	0.0
100	PI/2 BPSK	270	0		21.06			
100	QPSK	1	1		21.16		22.0	0.0
100	QPSK	1	137		20.96			
100	QPSK	1	271		21.01			
100	QPSK	135	0		21.03		22.0	0.0
100	QPSK	135	69		21.09		22.0	0.0
100	QPSK	135	138		21.08		22.0	0.0
100	QPSK	270	0		21.13			
100	16QAM	1	1		21.10		22.0	0.0
100	64QAM	1	1		20.85		22.0	0.0
100	256QAM	1	1		21.01		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.81	20.98	20.54	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.03	20.92	20.49	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.00	20.94	20.53	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.88	20.90	20.50	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.82	20.97	20.56	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.90	21.04	20.54	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.84	20.97	20.47	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.83	21.10	20.60	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.95	21.05	20.64	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.95	21.07	20.49	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.83	21.06	20.51	22.0	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.56		22.0	0.0
100	PI/2 BPSK	1	137		20.46			
100	PI/2 BPSK	1	271		20.47			
100	PI/2 BPSK	135	0		20.63		22.0	0.0
100	PI/2 BPSK	135	69		20.57		22.0	0.0
100	PI/2 BPSK	135	138		20.38		22.0	0.0
100	PI/2 BPSK	270	0		20.59			
100	QPSK	1	1		20.68		22.0	0.0
100	QPSK	1	137		20.47			
100	QPSK	1	271		20.55			
100	QPSK	135	0		20.50		22.0	0.0
100	QPSK	135	69		20.57		22.0	0.0
100	QPSK	135	138		20.51		22.0	0.0
100	QPSK	270	0		20.60			
100	16QAM	1	1		20.57		22.0	0.0
100	64QAM	1	1		20.47		22.0	0.0
100	256QAM	1	1		20.53		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.40	20.65	20.37	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.49	20.60	20.33	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.53	20.62	20.42	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.43	20.70	20.47	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.54	20.59	20.43	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.54	20.59	20.43	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.54	20.59	20.43	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.54	20.59	20.43	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.54	20.59	20.43	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.54	20.59	20.43	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.54	20.59	20.43	22.0	0.0

FR1 n70 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					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		18.85		20.5	0.0
15	PI/2 BPSK	1	40		18.72			
15	PI/2 BPSK	1	77		18.67			
15	PI/2 BPSK	36	0		18.65		20.5	0.0
15	PI/2 BPSK	36	22		18.77		20.5	0.0
15	PI/2 BPSK	36	43		18.67		20.5	0.0
15	PI/2 BPSK	75	0		18.71			
15	QPSK	1	1		18.91		20.5	0.0
15	QPSK	1	40		18.75			
15	QPSK	1	77		18.69			
15	QPSK	36	0		18.77		20.5	0.0
15	QPSK	36	22		18.83		20.5	0.0
15	QPSK	36	43		18.71		20.5	0.0
15	QPSK	75	0		18.80			
15	16QAM	1	1		18.65		20.5	0.0
15	64QAM	1	1		18.75		20.5	0.0
15	256QAM	1	1		17.76		19.5	1.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	PI/2 BPSK	1	1	18.76	18.77	18.75	20.5	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	PI/2 BPSK	1	1	18.82	18.82	18.82	20.5	0.0

n41 HPUE 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.67	18.19	17.93	19.0	0.0
100	PI/2 BPSK	1	137	17.75	18.19	17.84		
100	PI/2 BPSK	1	271	17.82	18.15	17.91		
100	PI/2 BPSK	135	0	17.80	18.24	17.87	19.0	0.0
100	PI/2 BPSK	135	69	17.66	18.25	17.87	19.0	0.0
100	PI/2 BPSK	135	138	17.71	18.25	17.87	19.0	0.0
100	PI/2 BPSK	270	0	17.77	18.21	17.87		
100	QPSK	1	1	17.81	18.29	17.88	19.0	0.0
100	QPSK	1	137	17.74	18.24	17.97		
100	QPSK	1	271	17.73	18.25	17.86		
100	QPSK	135	0	17.70	18.24	17.84	19.0	0.0
100	QPSK	135	69	17.64	18.27	17.84	19.0	0.0
100	QPSK	135	138	17.77	18.17	17.80	19.0	0.0
100	QPSK	270	0	17.70	18.18	17.80		
100	16QAM	1	1	17.70	18.17	17.82	19.0	0.0
100	64QAM	1	1	17.72	18.16	17.87	19.0	0.0
100	256QAM	1	1	17.83	18.19	17.84	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.69	18.20	17.93	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.64	18.22	17.93	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.68	18.24	17.97	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.68	18.17	17.86	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.72	18.18	17.87	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.64	18.17	17.88	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.71	18.20	17.96	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.67	18.18	17.92	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.66	18.22	17.85	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.73	18.19	17.96	19.0	0.0

Par27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.07	22.05	21.82	23.0	0.0
100	PI/2 BPSK	1	137	21.74	21.90	21.84		
100	PI/2 BPSK	1	271	21.76	21.99	21.95		
100	PI/2 BPSK	135	0	21.96	22.04	21.86	23.0	0.0
100	PI/2 BPSK	135	69	21.71	22.04	21.96	23.0	0.0
100	PI/2 BPSK	135	138	21.96	22.07	21.84	23.0	0.0
100	PI/2 BPSK	270	0	20.93	21.11	20.81		
100	QPSK	1	1	22.00	22.18	21.96	23.0	0.0
100	QPSK	1	137	21.92	22.01	21.83		
100	QPSK	1	271	21.80	22.07	21.93		
100	QPSK	135	0	22.08	22.09	21.93	23.0	0.0
100	QPSK	135	69	21.69	22.10	21.97	23.0	0.0
100	QPSK	135	138	21.93	22.04	21.75	23.0	0.0
100	QPSK	270	0	21.95	21.96	21.91		
100	16QAM	1	1	22.03	22.03	22.02	23.0	0.0
100	64QAM	1	1	21.80	22.07	22.02	23.0	0.0
100	256QAM	1	1	20.09	20.32	20.23	21.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.93	22.07	21.87	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.92	22.11	21.87	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.98	22.16	21.87	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.95	22.17	21.88	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.92	22.16	21.85	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.02	22.14	21.80	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.96	22.07	21.84	23.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.92	22.14	21.90	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.96	22.16	21.86	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.93	22.09	21.88	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.05	22.04	21.79	23.0	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.53		23.0	0.0
100	PI/2 BPSK	1	137		21.59			
100	PI/2 BPSK	1	271		21.76			
100	PI/2 BPSK	135	0		21.62		23.0	0.0
100	PI/2 BPSK	135	69		21.54		23.0	0.0
100	PI/2 BPSK	135	138		21.58		23.0	0.0
100	PI/2 BPSK	270	0		21.60			
100	QPSK	1	1		21.63		23.0	0.0
100	QPSK	1	137		21.74			
100	QPSK	1	271		21.61			
100	QPSK	135	0		21.68		23.0	0.0
100	QPSK	135	69		21.70		23.0	0.0
100	QPSK	135	138		21.48		23.0	0.0
100	QPSK	270	0		21.61			
100	16QAM	1	1		21.54		23.0	0.0
100	64QAM	1	1		21.60		23.0	0.0
100	256QAM	1	1		19.80		21.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.65	21.64	21.53	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.59	21.51	21.50	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.72	21.51	21.56	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.67	21.62	21.54	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.61	21.63	21.54	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.61	21.62	21.51	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.60	21.51	21.58	23.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.65	21.66	21.55	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.70	21.65	21.60	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.71	21.52	21.60	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.60	21.64	21.54	23.0	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.00		23.0	0.0
100	PI/2 BPSK	1	137		21.83			
100	PI/2 BPSK	1	271		22.04			
100	PI/2 BPSK	135	0		21.89		23.0	0.0
100	PI/2 BPSK	135	69		21.89		23.0	0.0
100	PI/2 BPSK	135	138		21.88		23.0	0.0
100	PI/2 BPSK	270	0		21.99			
100	QPSK	1	1		22.08		23.0	0.0
100	QPSK	1	137		21.99			
100	QPSK	1	271		21.76			
100	QPSK	135	0		21.93		23.0	0.0
100	QPSK	135	69		21.99		23.0	0.0
100	QPSK	135	138		21.93		23.0	0.0
100	QPSK	270	0		21.81			
100	16QAM	1	1		21.99		23.0	0.0
100	64QAM	1	1		21.82		23.0	0.0
100	256QAM	1	1		20.17		21.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.01	21.93	21.87	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.01	21.88	21.79	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.95	22.03	21.93	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.95	22.03	21.85	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.99	22.03	21.92	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.97	22.03	21.87	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.94	21.90	21.93	23.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.97	22.03	21.81	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.06	21.93	21.87	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.97	21.91	21.92	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.05	21.94	21.88	23.0	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.62		23.0	0.0
100	PI/2 BPSK	1	137		21.65			
100	PI/2 BPSK	1	271		21.73			
100	PI/2 BPSK	135	0		21.56		23.0	0.0
100	PI/2 BPSK	135	69		21.52		23.0	0.0
100	PI/2 BPSK	135	138		21.55		23.0	0.0
100	PI/2 BPSK	270	0		21.72			
100	QPSK	1	1		21.76		23.0	0.0
100	QPSK	1	137		21.67			
100	QPSK	1	271		21.64			
100	QPSK	135	0		21.61		23.0	0.0
100	QPSK	135	69		21.69		23.0	0.0
100	QPSK	135	138		21.64		23.0	0.0
100	QPSK	270	0		21.65			
100	16QAM	1	1		21.59		23.0	0.0
100	64QAM	1	1		21.62		23.0	0.0
100	256QAM	1	1		19.90		21.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.36	21.67	21.62	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.47	21.69	21.54	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.41	21.63	21.49	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.42	21.67	21.50	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.44	21.68	21.57	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.37	21.67	21.56	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.43	21.60	21.58	23.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.39	21.72	21.52	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.50	21.68	21.62	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.42	21.64	21.50	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.43	21.71	21.51	23.0	0.0

n41 HPUE Ant 8

BW [MHz]	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	19.19	20.03	19.54	20.5	0.0
100	PI/2 BPSK	1	137	19.11	20.03	19.43		
100	PI/2 BPSK	1	271	19.10	20.01	19.55		
100	PI/2 BPSK	135	0	19.16	20.06	19.56	20.5	0.0
100	PI/2 BPSK	135	69	19.13	20.08	19.42	20.5	0.0
100	PI/2 BPSK	135	138	19.03	19.92	19.54	20.5	0.0
100	PI/2 BPSK	270	0	19.18	20.05	19.55		
100	QPSK	1	1	19.12	20.09	19.51	20.5	0.0
100	QPSK	1	137	19.03	19.99	19.51		
100	QPSK	1	271	19.02	19.98	19.48		
100	QPSK	135	0	19.19	20.01	19.59	20.5	0.0
100	QPSK	135	69	19.08	20.03	19.50	20.5	0.0
100	QPSK	135	138	19.02	19.97	19.56	20.5	0.0
100	QPSK	270	0	19.18	20.01	19.52		
100	16QAM	1	1	19.15	20.05	19.53	20.5	0.0
100	64QAM	1	1	19.06	19.97	19.53	20.5	0.0
100	256QAM	1	1	19.08	19.98	19.52	20.5	0.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.18	20.01	19.57	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.17	20.06	19.51	20.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.23	19.99	19.57	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.20	20.00	19.59	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.15	20.02	19.54	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.17	20.06	19.53	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.17	20.01	19.55	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.16	20.00	19.58	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.14	20.00	19.59	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.13	20.04	19.59	20.5	0.0

n48 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.44	13.95	13.68	15.0	0.0
40	PI/2 BPSK	1	53	13.31	14.07	13.57		
40	PI/2 BPSK	1	104	13.40	14.06	13.64		
40	PI/2 BPSK	50	0	13.38	13.98	13.55	15.0	0.0
40	PI/2 BPSK	50	28	13.34	13.99	13.43	15.0	0.0
40	PI/2 BPSK	50	56	13.29	13.84	13.40	15.0	0.0
40	PI/2 BPSK	100	0	13.34	13.92	13.52		
40	QPSK	1	1	13.31	14.11	13.43	15.0	0.0
40	QPSK	1	53	13.26	13.93	13.38		
40	QPSK	1	104	13.22	14.09	13.57		
40	QPSK	50	0	13.45	13.80	13.47	15.0	0.0
40	QPSK	50	28	13.38	14.10	13.43	15.0	0.0
40	QPSK	50	56	13.25	14.09	13.62	15.0	0.0
40	QPSK	100	0	13.22	14.00	13.58		
40	16QAM	1	1	13.20	13.83	13.64	15.0	0.0
40	64QAM	1	1	13.28	14.02	13.37	15.0	0.0
40	256QAM	1	1	13.28	14.00	13.43	15.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
20	QPSK	1	1	13.45	14.09	13.52	15.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
15	QPSK	1	1	13.42	14.06	13.58	15.0	0.0
Channel				636834	641666	646500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.51	3624.99	3697.5		
10	QPSK	1	1	13.31	14.04	13.30	15.0	0.0

Par27O n77 HPUE Ant 8

BW [MHz]	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	15.35	15.22	14.95	16.0	0.0
100	PI/2 BPSK	1	137	15.12	15.24	14.93		
100	PI/2 BPSK	1	271	15.27	15.14	14.92		
100	PI/2 BPSK	135	0	15.30	15.19	15.05	16.0	0.0
100	PI/2 BPSK	135	69	15.18	15.26	14.97	16.0	0.0
100	PI/2 BPSK	135	138	15.32	15.23	14.94	16.0	0.0
100	PI/2 BPSK	270	0	15.16	15.15	14.80		
100	QPSK	1	1	15.19	15.37	14.97	16.0	0.0
100	QPSK	1	137	15.17	15.25	14.86		
100	QPSK	1	271	15.17	15.17	14.93		
100	QPSK	135	0	15.11	15.21	14.88	16.0	0.0
100	QPSK	135	69	15.25	15.32	14.85	16.0	0.0
100	QPSK	135	138	15.15	15.17	14.96	16.0	0.0
100	QPSK	270	0	15.12	15.21	14.90		
100	16QAM	1	1	15.22	15.18	15.05	16.0	0.0
100	64QAM	1	1	15.21	15.18	14.89	16.0	0.0
100	256QAM	1	1	15.16	15.28	14.96	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.22	15.14	14.83	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.09	15.30	14.92	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.27	15.27	14.81	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.14	15.27	14.87	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.27	15.25	14.82	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.11	15.28	14.87	16.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.27	15.25	14.89	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.09	15.23	14.93	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.22	15.25	14.88	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.26	15.29	14.92	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.16	15.16	14.81	16.0	0.0

Part27Q n77 HPUE Ant 8

BW [MHz]	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		14.78		16.0	0.0
100	PI/2 BPSK	1	137		14.77			
100	PI/2 BPSK	1	271		14.78			
100	PI/2 BPSK	135	0		14.73		16.0	0.0
100	PI/2 BPSK	135	69		14.61		16.0	0.0
100	PI/2 BPSK	135	138		14.61		16.0	0.0
100	PI/2 BPSK	270	0		14.62			
100	QPSK	1	1		14.80		16.0	0.0
100	QPSK	1	137		14.73			
100	QPSK	1	271		14.76			
100	QPSK	135	0		14.73		16.0	0.0
100	QPSK	135	69		14.77		16.0	0.0
100	QPSK	135	138		14.76		16.0	0.0
100	QPSK	270	0		14.68			
100	16QAM	1	1		14.75		16.0	0.0
100	64QAM	1	1		14.66		16.0	0.0
100	256QAM	1	1		14.76		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.64	14.70	14.56	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.55	14.59	14.72	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.71	14.69	14.69	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.52	14.78	14.58	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.57	14.62	14.69	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.55	14.72	14.67	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.67	14.62	14.55	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.60	14.68	14.63	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.70	14.65	14.63	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.65	14.68	14.69	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.65	14.75	14.70	16.0	0.0

Part27O n78 HPUE Ant 8

BW [MHz]	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.18		16.0	0.0
100	PI/2 BPSK	1	137		15.31			
100	PI/2 BPSK	1	271		15.12			
100	PI/2 BPSK	135	0		15.22		16.0	0.0
100	PI/2 BPSK	135	69		15.11		16.0	0.0
100	PI/2 BPSK	135	138		15.17		16.0	0.0
100	PI/2 BPSK	270	0		15.10			
100	QPSK	1	1		15.32		16.0	0.0
100	QPSK	1	137		15.07			
100	QPSK	1	271		15.07			
100	QPSK	135	0		15.17		16.0	0.0
100	QPSK	135	69		15.20		16.0	0.0
100	QPSK	135	138		15.16		16.0	0.0
100	QPSK	270	0		15.15			
100	16QAM	1	1		15.07		16.0	0.0
100	64QAM	1	1		15.22		16.0	0.0
100	256QAM	1	1		15.10		16.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.11	15.15	15.14	16.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.19	15.10	15.08	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.20	15.17	15.15	16.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.13	15.25	15.24	16.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.19	15.10	15.18	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.03	15.11	15.23	16.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.03	15.23	15.15	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.04	15.10	15.24	16.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.17	15.17	15.20	16.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.15	15.21	15.10	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.20	15.16	15.10	16.0	0.0

Part27Q 78 HPUE Ant 8

BW [MHz]	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		14.53		16.0	0.0
100	PI/2 BPSK	1	137		14.45			
100	PI/2 BPSK	1	271		14.55			
100	PI/2 BPSK	135	0		14.59		16.0	0.0
100	PI/2 BPSK	135	69		14.50		16.0	0.0
100	PI/2 BPSK	135	138		14.53		16.0	0.0
100	PI/2 BPSK	270	0		14.56			
100	QPSK	1	1		14.72		16.0	0.0
100	QPSK	1	137		14.47			
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.61		16.0	0.0
100	QPSK	135	69		14.69		16.0	0.0
100	QPSK	135	138		14.54		16.0	0.0
100	QPSK	270	0		14.53			
100	16QAM	1	1		14.47		16.0	0.0
100	64QAM	1	1		14.66		16.0	0.0
100	256QAM	1	1		14.52		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.47	14.60	14.57	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.44	14.60	14.56	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.48	14.45	14.42	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.42	14.45	14.48	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.44	14.59	14.50	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.40	14.50	14.54	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.44	14.52	14.54	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.48	14.46	14.46	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.55	14.58	14.57	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.49	14.55	14.49	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.41	14.43	14.57	16.0	0.0

n30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.43		19.5	0.0
10	PI/2 BPSK	1	26		18.42			
10	PI/2 BPSK	1	50		18.42			
10	PI/2 BPSK	25	0		18.38		19.5	0.0
10	PI/2 BPSK	25	14		18.36		19.5	0.0
10	PI/2 BPSK	25	27		18.29		19.5	0.0
10	PI/2 BPSK	50	0		18.33			
10	QPSK	1	1		18.53		19.5	0.0
10	QPSK	1	26		18.40			
10	QPSK	1	50		18.37			
10	QPSK	25	0		18.32		19.5	0.0
10	QPSK	25	14		18.43		19.5	0.0
10	QPSK	25	27		18.37		19.5	0.0
10	QPSK	50	0		18.34			
10	16QAM	1	1		18.41		19.5	0.0
10	64QAM	1	1		18.30		19.5	0.0
10	256QAM	1	1		18.33		19.5	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.24	18.39	18.36	19.5	0.0

n41 HPUE Ant 9

BW [MHz]	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	18.97	19.11	19.10	20.5	0.0
100	PI/2 BPSK	1	137	18.80	19.07	19.09		
100	PI/2 BPSK	1	271	19.03	19.08	18.99		
100	PI/2 BPSK	135	0	18.96	19.14	19.07	20.5	0.0
100	PI/2 BPSK	135	69	18.89	19.10	19.13	20.5	0.0
100	PI/2 BPSK	135	138	19.05	19.09	19.02	20.5	0.0
100	PI/2 BPSK	270	0	18.83	19.12	19.11		
100	QPSK	1	1	18.92	19.18	19.09	20.5	0.0
100	QPSK	1	137	18.80	19.10	19.09		
100	QPSK	1	271	19.05	19.10	19.04		
100	QPSK	135	0	18.93	19.13	19.09	20.5	0.0
100	QPSK	135	69	18.84	19.16	19.11	20.5	0.0
100	QPSK	135	138	19.10	19.13	19.00	20.5	0.0
100	QPSK	270	0	18.85	19.09	19.07		
100	16QAM	1	1	18.79	19.13	19.07	20.5	0.0
100	64QAM	1	1	19.13	19.12	19.11	20.5	0.0
100	256QAM	1	1	17.24	17.32	17.30	19.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.86	19.11	19.15	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.83	19.15	19.08	20.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.87	19.16	19.10	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.89	19.08	19.09	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.86	19.15	19.16	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.80	19.11	19.14	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.85	19.14	19.11	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.86	19.11	19.14	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.88	19.10	19.08	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.79	19.16	19.12	20.5	0.0

Par27O n77 HPUE Ant 9

BW [MHz]	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	18.50	18.72	18.65	20.0	0.0
100	PI/2 BPSK	1	137	18.50	18.72	18.67		
100	PI/2 BPSK	1	271	18.53	18.67	18.58		
100	PI/2 BPSK	135	0	18.64	18.71	18.62	20.0	0.0
100	PI/2 BPSK	135	69	18.62	18.58	18.74	20.0	0.0
100	PI/2 BPSK	135	138	18.49	18.65	18.53	20.0	0.0
100	PI/2 BPSK	270	0	18.41	18.68	18.63		
100	QPSK	1	1	18.67	18.89	18.77	20.0	0.0
100	QPSK	1	137	18.59	18.63	18.55		
100	QPSK	1	271	18.42	18.61	18.72		
100	QPSK	135	0	18.54	18.75	18.71	20.0	0.0
100	QPSK	135	69	18.57	18.86	18.58	20.0	0.0
100	QPSK	135	138	18.45	18.65	18.48	20.0	0.0
100	QPSK	270	0	18.44	18.75	18.60		
100	16QAM	1	1	18.67	18.81	18.79	20.0	0.0
100	64QAM	1	1	18.58	18.80	18.63	20.0	0.0
100	256QAM	1	1	18.60	18.65	18.58	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.49	18.81	18.63	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.47	18.75	18.61	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.45	18.72	18.61	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.50	18.74	18.56	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.43	18.71	18.56	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.43	18.76	18.57	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.54	18.79	18.60	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.41	18.77	18.60	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.50	18.77	18.59	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.45	18.70	18.57	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.54	18.74	18.57	20.0	0.0

Part27Q n77 HPUE Ant 9

BW [MHz]	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		18.53		20.0	0.0
100	PI/2 BPSK	1	137		18.47			
100	PI/2 BPSK	1	271		18.33			
100	PI/2 BPSK	135	0		18.38		20.0	0.0
100	PI/2 BPSK	135	69		18.35		20.0	0.0
100	PI/2 BPSK	135	138		18.50		20.0	0.0
100	PI/2 BPSK	270	0		18.41			
100	QPSK	1	1		18.60		20.0	0.0
100	QPSK	1	137		18.46			
100	QPSK	1	271		18.35			
100	QPSK	135	0		18.44		20.0	0.0
100	QPSK	135	69		18.54		20.0	0.0
100	QPSK	135	138		18.43		20.0	0.0
100	QPSK	270	0		18.47			
100	16QAM	1	1		18.54		20.0	0.0
100	64QAM	1	1		18.45		20.0	0.0
100	256QAM	1	1		18.44		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.26	18.38	18.35	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.36	18.45	18.26	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.28	18.44	18.24	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.30	18.42	18.30	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.34	18.38	18.25	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.36	18.47	18.34	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.34	18.40	18.32	20.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.33	18.38	18.35	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.29	18.38	18.34	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.37	18.39	18.30	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.35	18.39	18.26	20.0	0.0

Part27O n78 HPUE Ant 9

BW [MHz]	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.62		20.0	0.0
100	PI/2 BPSK	1	137		18.61			
100	PI/2 BPSK	1	271		18.59			
100	PI/2 BPSK	135	0		18.65		20.0	0.0
100	PI/2 BPSK	135	69		18.53		20.0	0.0
100	PI/2 BPSK	135	138		18.72		20.0	0.0
100	PI/2 BPSK	270	0		18.65			
100	QPSK	1	1		18.77		20.0	0.0
100	QPSK	1	137		18.49			
100	QPSK	1	271		18.65			
100	QPSK	135	0		18.64		20.0	0.0
100	QPSK	135	69		18.71		20.0	0.0
100	QPSK	135	138		18.66		20.0	0.0
100	QPSK	270	0		18.69			
100	16QAM	1	1		18.67		20.0	0.0
100	64QAM	1	1		18.54		20.0	0.0
100	256QAM	1	1		18.66		20.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.65	18.54	18.63	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.61	18.53	18.63	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.59	18.52	18.65	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.59	18.57	18.66	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.60	18.57	18.59	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.59	18.55	18.61	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.66	18.54	18.60	20.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.57	18.55	18.68	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.62	18.57	18.64	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.59	18.55	18.67	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.67	18.60	18.61	20.0	0.0

Part27Q 78 HPUE Ant 9

BW [MHz]	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		18.31		20.0	0.0
100	PI/2 BPSK	1	137		18.36			
100	PI/2 BPSK	1	271		18.21			
100	PI/2 BPSK	135	0		18.26		20.0	0.0
100	PI/2 BPSK	135	69		18.38		20.0	0.0
100	PI/2 BPSK	135	138		18.38		20.0	0.0
100	PI/2 BPSK	270	0		18.29			
100	QPSK	1	1		18.43		20.0	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.36			
100	QPSK	135	0		18.35		20.0	0.0
100	QPSK	135	69		18.40		20.0	0.0
100	QPSK	135	138		18.26		20.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.31		20.0	0.0
100	64QAM	1	1		18.40		20.0	0.0
100	256QAM	1	1		18.16		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.19	18.26	18.27	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.24	18.24	18.29	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.22	18.27	18.29	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.24	18.29	18.30	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.17	18.26	18.22	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.21	18.26	18.26	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.17	18.28	18.26	20.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.22	18.26	18.25	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.16	18.30	18.28	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.19	18.21	18.24	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.19	18.25	18.20	20.0	0.0

Full&Default Power Mode ENDC

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.59	22.61	22.58	24.0	0.0
20	PI/2 BPSK	1	53	22.51	22.43	22.46		
20	PI/2 BPSK	1	104	22.56	22.58	22.44		
20	PI/2 BPSK	50	0	22.14	22.22	22.08	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.60	22.49	24.0	0.0
20	PI/2 BPSK	50	56	22.13	22.16	22.09	23.5	0.5
20	PI/2 BPSK	100	0	22.13	22.21	22.08		
20	QPSK	1	1	22.65	22.71	22.63	24.0	0.0
20	QPSK	1	53	22.56	22.56	22.59		
20	QPSK	1	104	22.61	22.65	22.52		
20	QPSK	50	0	21.70	21.66	21.61	23.0	1.0
20	QPSK	50	28	22.53	22.65	22.51	24.0	0.0
20	QPSK	50	56	21.67	21.72	21.68	23.0	1.0
20	QPSK	100	0	21.63	21.75	21.58		
20	16QAM	1	1	21.71	21.68	21.61	23.0	1.0
20	64QAM	1	1	20.14	20.24	20.09	21.5	2.5
20	256QAM	1	1	18.13	18.19	18.15	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.54	22.56	22.50	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.53	22.55	22.52	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.56	22.58	22.55	24.0	0.0

n25 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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.45	22.48	22.38	24.0	0.0
40	PI/2 BPSK	1	108	22.29	22.39	22.31		
40	PI/2 BPSK	1	214	22.28	22.54	22.38		
40	PI/2 BPSK	108	0	22.03	22.16	22.07	23.5	0.5
40	PI/2 BPSK	108	54	22.38	22.52	22.41	24.0	0.0
40	PI/2 BPSK	108	108	22.00	22.11	21.97	23.5	0.5
40	PI/2 BPSK	216	0	21.98	22.10	21.98		
40	QPSK	1	1	22.50	22.62	22.52	24.0	0.0
40	QPSK	1	108	22.35	22.52	22.46		
40	QPSK	1	214	22.38	22.57	22.42		
40	QPSK	108	0	21.52	21.56	21.51	23.0	1.0
40	QPSK	108	54	22.41	22.59	22.43	24.0	0.0
40	QPSK	108	108	21.48	21.58	21.46	23.0	1.0
40	QPSK	216	0	21.55	21.63	21.57		
40	16QAM	1	1	21.49	21.58	21.53	23.0	1.0
40	64QAM	1	1	20.04	20.10	20.05	21.5	2.5
40	256QAM	1	1	17.97	18.13	17.99	19.5	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.41	22.58	22.44	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.41	22.54	22.44	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.38	22.51	22.46	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.43	22.55	22.40	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.46	22.55	22.41	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.46	22.52	22.45	24.0	0.0

Reduced Power Mode for Receive on ENDC

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.61	18.64	18.64	20.0	0.0
20	PI/2 BPSK	1	53	18.57	18.28	18.53		
20	PI/2 BPSK	1	104	18.49	18.51	18.48		
20	PI/2 BPSK	50	0	18.50	18.63	18.47	20.0	0.0
20	PI/2 BPSK	50	28	18.45	18.37	18.48	20.0	0.0
20	PI/2 BPSK	50	56	18.55	18.65	18.56	20.0	0.0
20	PI/2 BPSK	100	0	18.70	18.51	18.45		
20	QPSK	1	1	18.60	18.72	18.58	20.0	0.0
20	QPSK	1	53	18.53	18.47	18.39		
20	QPSK	1	104	18.56	18.68	18.49		
20	QPSK	50	0	18.49	18.60	18.60	20.0	0.0
20	QPSK	50	28	18.48	18.61	18.54	20.0	0.0
20	QPSK	50	56	18.55	18.52	18.50	20.0	0.0
20	QPSK	100	0	18.56	18.51	18.56		
20	16QAM	1	1	18.68	18.61	18.58	20.0	0.0
20	64QAM	1	1	18.55	18.40	18.44	20.0	0.0
20	256QAM	1	1	18.15	18.10	18.07	19.5	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.60	18.60	18.58	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.57	18.63	18.64	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.56	18.58	18.64	20.0	0.0

n5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.48	20.51	20.52	21.0	0.0
20	PI/2 BPSK	1	53	20.42	20.50	20.54		
20	PI/2 BPSK	1	104	20.52	20.59	20.49		
20	PI/2 BPSK	50	0	20.50	20.51	20.58	21.0	0.0
20	PI/2 BPSK	50	28	20.47	20.54	20.43	21.0	0.0
20	PI/2 BPSK	50	56	20.48	20.51	20.53	21.0	0.0
20	PI/2 BPSK	100	0	20.47	20.54	20.53		
20	QPSK	1	1	20.54	20.61	20.52	21.0	0.0
20	QPSK	1	53	20.53	20.51	20.41		
20	QPSK	1	104	20.48	20.51	20.49		
20	QPSK	50	0	20.52	20.50	20.48	21.0	0.0
20	QPSK	50	28	20.47	20.53	20.40	21.0	0.0
20	QPSK	50	56	20.44	20.44	20.39	21.0	0.0
20	QPSK	100	0	20.51	20.58	20.57		
20	16QAM	1	1	20.46	20.47	20.47	21.0	0.0
20	64QAM	1	1	20.55	20.53	20.49	21.0	0.0
20	256QAM	1	1	19.02	19.05	19.06	19.5	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	20.50	20.53	20.58	21.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	20.57	20.52	20.50	21.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	20.55	20.51	20.54	21.0	0.0

n25 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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.50	18.63	18.46	20.0	0.0
40	PI/2 BPSK	1	108	18.48	18.56	18.41		
40	PI/2 BPSK	1	214	18.49	18.58	18.47		
40	PI/2 BPSK	108	0	18.48	18.50	18.56	20.0	0.0
40	PI/2 BPSK	108	54	18.42	18.46	18.42	20.0	0.0
40	PI/2 BPSK	108	108	18.39	18.55	18.47	20.0	0.0
40	PI/2 BPSK	216	0	18.43	18.49	18.46		
40	QPSK	1	1	18.49	18.73	18.61	20.0	0.0
40	QPSK	1	108	18.49	18.66	18.37		
40	QPSK	1	214	18.36	18.60	18.31		
40	QPSK	108	0	18.63	18.51	18.55	20.0	0.0
40	QPSK	108	54	18.44	18.63	18.46	20.0	0.0
40	QPSK	108	108	18.38	18.56	18.51	20.0	0.0
40	QPSK	216	0	18.51	18.55	18.39		
40	16QAM	1	1	18.48	18.64	18.59	20.0	0.0
40	64QAM	1	1	18.51	18.51	18.32	20.0	0.0
40	256QAM	1	1	17.98	17.96	17.89	19.5	0.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.53	18.64	18.54	20.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.49	18.62	18.47	20.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.47	18.61	18.55	20.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.44	18.66	18.50	20.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.47	18.60	18.52	20.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.42	18.64	18.53	20.0	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.85	16.95	17.02	18.0	0.0
40	PI/2 BPSK	1	108	16.83	16.79	16.73		
40	PI/2 BPSK	1	214	16.79	16.97	16.79		
40	PI/2 BPSK	108	0	17.05	17.03	16.92	18.0	0.0
40	PI/2 BPSK	108	54	16.83	16.80	16.78	18.0	0.0
40	PI/2 BPSK	108	108	16.71	16.80	16.78	18.0	0.0
40	PI/2 BPSK	216	0	16.71	16.91	16.95		
40	QPSK	1	1	16.92	17.12	17.03	18.0	0.0
40	QPSK	1	108	16.66	16.89	16.81		
40	QPSK	1	214	16.97	16.87	16.80		
40	QPSK	108	0	16.90	16.92	16.76	18.0	0.0
40	QPSK	108	54	16.72	16.96	16.93	18.0	0.0
40	QPSK	108	108	16.87	16.89	16.64	18.0	0.0
40	QPSK	216	0	16.76	16.70	16.65		
40	16QAM	1	1	16.75	17.01	16.69	18.0	0.0
40	64QAM	1	1	16.73	16.95	16.96	18.0	0.0
40	256QAM	1	1	16.77	16.87	16.84	18.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.86	17.00	17.05	18.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.86	17.04	17.05	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.90	17.08	16.91	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.81	17.02	16.99	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.94	17.08	17.05	18.0	0.0

n71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	18.76	18.85	18.73	20.0	0.0
20	PI/2 BPSK	1	53	18.58	18.68	18.72		
20	PI/2 BPSK	1	104	18.67	18.69	18.82		
20	PI/2 BPSK	50	0	18.77	18.85	18.79	20.0	0.0
20	PI/2 BPSK	50	28	18.55	18.72	18.57	20.0	0.0
20	PI/2 BPSK	50	56	18.74	18.73	18.84	20.0	0.0
20	PI/2 BPSK	100	0	18.57	18.72	18.62		
20	QPSK	1	1	18.81	18.92	18.80	20.0	0.0
20	QPSK	1	53	18.68	18.65	18.57		
20	QPSK	1	104	18.65	18.72	18.75		
20	QPSK	50	0	18.75	18.70	18.71	20.0	0.0
20	QPSK	50	28	18.62	18.76	18.62	20.0	0.0
20	QPSK	50	56	18.68	18.73	18.71	20.0	0.0
20	QPSK	100	0	18.79	18.89	18.72		
20	16QAM	1	1	18.59	18.67	18.69	20.0	0.0
20	64QAM	1	1	18.69	18.69	18.75	20.0	0.0
20	256QAM	1	1	18.28	18.37	18.33	19.5	0.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	18.62	18.72	18.61	20.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	18.55	18.65	18.62	20.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	18.54	18.63	18.66	20.0	0.0

n41 HPUE 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.03	22.10	22.04	23.0	0.0
100	PI/2 BPSK	1	137	21.75	22.00	21.93		
100	PI/2 BPSK	1	271	22.00	22.05	22.02		
100	PI/2 BPSK	135	0	22.01	22.02	21.98	23.0	0.0
100	PI/2 BPSK	135	69	21.86	22.12	21.78	23.0	0.0
100	PI/2 BPSK	135	138	21.98	21.92	21.99	23.0	0.0
100	PI/2 BPSK	270	0	21.89	21.97	21.82		
100	QPSK	1	1	21.91	22.13	21.98	23.0	0.0
100	QPSK	1	137	21.88	22.01	21.89		
100	QPSK	1	271	22.06	22.00	22.06		
100	QPSK	135	0	21.88	22.02	22.04	23.0	0.0
100	QPSK	135	69	21.90	22.04	21.81	23.0	0.0
100	QPSK	135	138	22.09	22.04	21.85	23.0	0.0
100	QPSK	270	0	21.92	21.93	21.92		
100	16QAM	1	1	21.99	22.07	21.95	23.0	0.0
100	64QAM	1	1	21.81	22.01	21.82	23.0	0.0
100	256QAM	1	1	20.51	20.51	20.55	21.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.97	22.11	22.01	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.04	22.09	22.03	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.00	22.10	22.06	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.96	22.09	22.10	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.04	22.10	22.11	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.97	22.09	22.02	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.96	22.11	22.04	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.95	22.06	22.11	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.99	22.08	22.02	23.0	0.0

Par27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	28.06	28.08	27.70	29.0	0.0
100	PI/2 BPSK	1	137	27.94	27.91	27.49		
100	PI/2 BPSK	1	271	28.03	28.03	27.60		
100	PI/2 BPSK	135	0	27.73	27.63	27.28	28.5	0.5
100	PI/2 BPSK	135	69	28.05	28.11	27.56	29.0	0.0
100	PI/2 BPSK	135	138	27.71	27.66	27.26	28.5	0.5
100	PI/2 BPSK	270	0	27.59	27.59	27.34		
100	QPSK	1	1	28.10	28.16	27.79	29.0	0.0
100	QPSK	1	137	28.14	27.98	27.56		
100	QPSK	1	271	27.99	28.10	27.66		
100	QPSK	135	0	27.17	27.22	26.82	29.0	0.0
100	QPSK	135	69	28.06	28.08	27.68	29.0	0.0
100	QPSK	135	138	27.24	27.10	26.73	29.0	0.0
100	QPSK	270	0	27.18	27.23	26.76		
100	16QAM	1	1	27.17	27.17	26.79	28.0	1.0
100	64QAM	1	1	25.65	25.65	25.26	26.5	2.5
100	256QAM	1	1	23.65	23.62	23.28	24.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	28.02	28.12	27.67	29.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	28.00	28.06	27.67	29.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	28.05	28.05	27.69	29.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.99	28.03	27.72	29.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	28.06	28.04	27.69	29.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.97	28.04	27.67	29.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.99	28.08	27.76	29.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.98	28.02	27.72	29.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.98	28.07	27.66	29.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	28.06	28.07	27.71	29.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.98	28.04	27.70	29.0	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.74		29.0	0.0
100	PI/2 BPSK	1	137		27.73			
100	PI/2 BPSK	1	271		27.69			
100	PI/2 BPSK	135	0		27.38		28.5	0.5
100	PI/2 BPSK	135	69		27.78		29.0	0.0
100	PI/2 BPSK	135	138		27.40		28.5	0.5
100	PI/2 BPSK	270	0		27.32			
100	QPSK	1	1		27.88		29.0	0.0
100	QPSK	1	137		27.77			
100	QPSK	1	271		27.69			
100	QPSK	135	0		26.82		29.0	0.0
100	QPSK	135	69		27.81		29.0	0.0
100	QPSK	135	138		26.81		29.0	0.0
100	QPSK	270	0		26.89			
100	16QAM	1	1		26.83		28.0	1.0
100	64QAM	1	1		25.40		26.5	2.5
100	256QAM	1	1		23.35		24.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.70	27.82	27.70	29.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.74	27.72	27.65	29.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.81	27.73	27.74	29.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.75	27.74	27.72	29.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.73	27.72	27.71	29.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.74	27.82	27.70	29.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.80	27.81	27.68	29.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.77	27.74	27.71	29.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.80	27.75	27.65	29.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.81	27.73	27.67	29.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.77	27.74	27.73	29.0	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		27.94		29.0	0.0
100	PI/2 BPSK	1	137		27.80			
100	PI/2 BPSK	1	271		27.91			
100	PI/2 BPSK	135	0		27.54		28.5	0.5
100	PI/2 BPSK	135	69		28.05		29.0	0.0
100	PI/2 BPSK	135	138		27.59		28.5	0.5
100	PI/2 BPSK	270	0		27.46			
100	QPSK	1	1		28.10		29.0	0.0
100	QPSK	1	137		27.92			
100	QPSK	1	271		28.02			
100	QPSK	135	0		27.11		29.0	0.0
100	QPSK	135	69		28.02		29.0	0.0
100	QPSK	135	138		27.05		29.0	0.0
100	QPSK	270	0		27.13			
100	16QAM	1	1		27.13		28.0	1.0
100	64QAM	1	1		25.62		26.5	2.5
100	256QAM	1	1		23.52		24.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.92	28.00	27.56	29.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.89	28.09	27.59	29.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.90	28.05	27.60	29.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.98	27.98	27.61	29.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.96	28.07	27.53	29.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.88	27.99	27.60	29.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.90	28.02	27.60	29.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.90	28.04	27.56	29.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.89	27.99	27.62	29.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.96	28.04	27.63	29.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.92	28.04	27.64	29.0	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.50		29.0	0.0
100	PI/2 BPSK	1	137		27.51			
100	PI/2 BPSK	1	271		27.43			
100	PI/2 BPSK	135	0		27.09		28.5	0.5
100	PI/2 BPSK	135	69		27.50		29.0	0.0
100	PI/2 BPSK	135	138		27.15		28.5	0.5
100	PI/2 BPSK	270	0		27.09			
100	QPSK	1	1		27.62		29.0	0.0
100	QPSK	1	137		27.51			
100	QPSK	1	271		27.49			
100	QPSK	135	0		26.52		29.0	0.0
100	QPSK	135	69		27.54		29.0	0.0
100	QPSK	135	138		26.60		29.0	0.0
100	QPSK	270	0		26.60			
100	16QAM	1	1		26.55		28.0	1.0
100	64QAM	1	1		25.12		26.5	2.5
100	256QAM	1	1		23.12		24.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.49	27.59	27.40	29.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.50	27.56	27.40	29.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.45	27.55	27.50	29.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.43	27.56	27.41	29.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.46	27.56	27.51	29.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.49	27.57	27.45	29.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.45	27.58	27.42	29.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.49	27.56	27.43	29.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.41	27.62	27.49	29.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.48	27.56	27.39	29.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.46	27.58	27.41	29.0	0.0

n2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.06	17.17	17.10	18.5	0.0
20	PI/2 BPSK	1	53	16.84	17.10	17.02		
20	PI/2 BPSK	1	104	16.91	17.11	17.07		
20	PI/2 BPSK	50	0	17.01	17.13	17.05	18.5	0.0
20	PI/2 BPSK	50	28	16.91	17.02	16.97	18.5	0.0
20	PI/2 BPSK	50	56	16.85	17.12	17.01	18.5	0.0
20	PI/2 BPSK	100	0	16.93	17.01	16.95		
20	QPSK	1	1	16.97	17.30	17.07	18.5	0.0
20	QPSK	1	53	16.84	17.06	16.92		
20	QPSK	1	104	16.95	17.11	17.06		
20	QPSK	50	0	16.97	17.06	17.04	18.5	0.0
20	QPSK	50	28	16.85	17.17	17.02	18.5	0.0
20	QPSK	50	56	16.90	17.07	17.04	18.5	0.0
20	QPSK	100	0	16.85	17.03	16.95		
20	16QAM	1	1	16.96	17.15	17.08	18.5	0.0
20	64QAM	1	1	16.88	17.10	16.94	18.5	0.0
20	256QAM	1	1	16.94	17.17	17.06	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.90	17.09	16.96	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.92	17.08	17.02	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.83	17.10	16.94	18.5	0.0

n66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	12.69	12.90	12.80	14.5	0.0
40	PI/2 BPSK	1	108	12.60	12.85	12.74		
40	PI/2 BPSK	1	214	12.71	12.88	12.79		
40	PI/2 BPSK	108	0	12.74	12.90	12.85	14.5	0.0
40	PI/2 BPSK	108	54	12.70	12.80	12.79	14.5	0.0
40	PI/2 BPSK	108	108	12.65	12.86	12.80	14.5	0.0
40	PI/2 BPSK	216	0	12.63	12.87	12.79		
40	QPSK	1	1	12.69	12.95	12.89	14.5	0.0
40	QPSK	1	108	12.65	12.80	12.73		
40	QPSK	1	214	12.73	12.92	12.71		
40	QPSK	108	0	12.71	12.89	12.82	14.5	0.0
40	QPSK	108	54	12.66	12.91	12.77	14.5	0.0
40	QPSK	108	108	12.71	12.83	12.71	14.5	0.0
40	QPSK	216	0	12.69	12.92	12.77		
40	16QAM	1	1	12.75	12.90	12.86	14.5	0.0
40	64QAM	1	1	12.63	12.86	12.71	14.5	0.0
40	256QAM	1	1	12.65	12.89	12.72	14.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	12.72	12.84	12.77	14.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	12.66	12.87	12.82	14.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	12.69	12.85	12.73	14.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	12.64	12.90	12.79	14.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	12.72	12.90	12.75	14.5	0.0

Par27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.50	16.64	16.33	17.0	0.0
100	PI/2 BPSK	1	137	16.35	16.49	16.43		
100	PI/2 BPSK	1	271	16.25	16.53	16.44		
100	PI/2 BPSK	135	0	16.54	16.43	16.33	17.0	0.0
100	PI/2 BPSK	135	69	16.28	16.45	16.51	17.0	0.0
100	PI/2 BPSK	135	138	16.38	16.58	16.43	17.0	0.0
100	PI/2 BPSK	270	0	16.38	16.62	16.52		
100	QPSK	1	1	16.54	16.67	16.47	17.0	0.0
100	QPSK	1	137	16.39	16.53	16.36		
100	QPSK	1	271	16.31	16.60	16.49		
100	QPSK	135	0	16.55	16.49	16.52	17.0	0.0
100	QPSK	135	69	16.28	16.66	16.57	17.0	0.0
100	QPSK	135	138	16.43	16.57	16.36	17.0	0.0
100	QPSK	270	0	16.35	16.48	16.45		
100	16QAM	1	1	16.60	16.65	16.36	17.0	0.0
100	64QAM	1	1	16.37	16.47	16.45	17.0	0.0
100	256QAM	1	1	16.38	16.53	16.45	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.36	16.35	16.45	17.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.33	16.42	16.44	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.32	16.33	16.37	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.39	16.38	16.34	17.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.39	16.43	16.34	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.40	16.38	16.35	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.33	16.45	16.46	17.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.39	16.36	16.38	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.37	16.33	16.40	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.35	16.46	16.46	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.28	16.36	16.31	17.0	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.12		17.0	0.0
100	PI/2 BPSK	1	137		16.06			
100	PI/2 BPSK	1	271		16.27			
100	PI/2 BPSK	135	0		16.06		17.0	0.0
100	PI/2 BPSK	135	69		15.98		17.0	0.0
100	PI/2 BPSK	135	138		15.94		17.0	0.0
100	PI/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.31		17.0	0.0
100	QPSK	1	137		16.27			
100	QPSK	1	271		16.08			
100	QPSK	135	0		16.15		17.0	0.0
100	QPSK	135	69		16.28		17.0	0.0
100	QPSK	135	138		16.00		17.0	0.0
100	QPSK	270	0		16.14			
100	16QAM	1	1		15.99		17.0	0.0
100	64QAM	1	1		16.04		17.0	0.0
100	256QAM	1	1		15.97		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.20	16.23	16.05	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.16	16.17	16.05	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.14	16.19	16.09	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.16	16.14	16.12	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.16	16.20	16.15	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.20	16.22	16.17	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.22	16.23	16.20	17.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.16	16.10	16.07	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.15	16.20	16.19	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.10	16.18	16.05	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.22	16.12	16.19	17.0	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.42		17.0	0.0
100	PI/2 BPSK	1	137		16.39			
100	PI/2 BPSK	1	271		16.42			
100	PI/2 BPSK	135	0		16.36		17.0	0.0
100	PI/2 BPSK	135	69		16.38		17.0	0.0
100	PI/2 BPSK	135	138		16.37		17.0	0.0
100	PI/2 BPSK	270	0		16.45			
100	QPSK	1	1		16.50		17.0	0.0
100	QPSK	1	137		16.51			
100	QPSK	1	271		16.33			
100	QPSK	135	0		16.40		17.0	0.0
100	QPSK	135	69		16.41		17.0	0.0
100	QPSK	135	138		16.40		17.0	0.0
100	QPSK	270	0		16.30			
100	16QAM	1	1		16.47		17.0	0.0
100	64QAM	1	1		16.39		17.0	0.0
100	256QAM	1	1		16.44		17.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.47	16.43	16.32	17.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.37	16.39	16.36	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.42	16.45	16.38	17.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.41	16.38	16.30	17.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.34	16.48	16.33	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.46	16.49	16.36	17.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.43	16.39	16.36	17.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.47	16.49	16.43	17.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.47	16.48	16.34	17.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.38	16.40	16.33	17.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.37	16.49	16.43	17.0	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.13		17.0	0.0
100	PI/2 BPSK	1	137		16.08			
100	PI/2 BPSK	1	271		16.10			
100	PI/2 BPSK	135	0		16.20		17.0	0.0
100	PI/2 BPSK	135	69		16.11		17.0	0.0
100	PI/2 BPSK	135	138		16.10		17.0	0.0
100	PI/2 BPSK	270	0		16.10			
100	QPSK	1	1		16.25		17.0	0.0
100	QPSK	1	137		16.13			
100	QPSK	1	271		16.10			
100	QPSK	135	0		16.09		17.0	0.0
100	QPSK	135	69		16.10		17.0	0.0
100	QPSK	135	138		16.06		17.0	0.0
100	QPSK	270	0		16.21			
100	16QAM	1	1		16.16		17.0	0.0
100	64QAM	1	1		16.10		17.0	0.0
100	256QAM	1	1		16.09		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.98	16.10	16.11	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.05	16.09	16.06	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.99	16.18	16.06	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.02	16.12	16.04	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.11	16.09	16.02	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.00	16.10	16.06	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.96	16.17	16.07	17.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.03	16.09	16.08	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.96	16.10	16.05	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.97	16.14	15.99	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.98	16.08	16.05	17.0	0.0

n41 HPUE Ant 8

BW [MHz]	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	17.96	18.59	18.14	19.0	0.0
100	PI/2 BPSK	1	137	17.80	18.65	18.13		
100	PI/2 BPSK	1	271	17.83	18.57	18.21		
100	PI/2 BPSK	135	0	17.88	18.54	18.12	19.0	0.0
100	PI/2 BPSK	135	69	17.87	18.60	18.07	19.0	0.0
100	PI/2 BPSK	135	138	17.88	18.41	18.10	19.0	0.0
100	PI/2 BPSK	270	0	17.87	18.61	18.10		
100	QPSK	1	1	17.85	18.66	18.09	19.0	0.0
100	QPSK	1	137	17.86	18.51	18.12		
100	QPSK	1	271	17.78	18.58	18.11		
100	QPSK	135	0	17.93	18.50	18.08	19.0	0.0
100	QPSK	135	69	17.81	18.65	18.09	19.0	0.0
100	QPSK	135	138	17.81	18.65	18.16	19.0	0.0
100	QPSK	270	0	17.96	18.49	18.17		
100	16QAM	1	1	17.84	18.53	18.22	19.0	0.0
100	64QAM	1	1	17.85	18.58	18.15	19.0	0.0
100	256QAM	1	1	17.86	18.56	18.17	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.93	18.55	18.16	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.97	18.53	18.10	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.97	18.57	18.13	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.89	18.59	18.18	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.92	18.57	18.14	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.97	18.54	18.17	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.96	18.59	18.18	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.99	18.64	18.12	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.97	18.54	18.14	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.91	18.58	18.17	19.0	0.0

n30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		12.89		14.0	0.0
10	PI/2 BPSK	1	26		12.90			
10	PI/2 BPSK	1	50		12.88			
10	PI/2 BPSK	25	0		12.93		14.0	0.0
10	PI/2 BPSK	25	14		12.87		14.0	0.0
10	PI/2 BPSK	25	27		12.80		14.0	0.0
10	PI/2 BPSK	50	0		12.83			
10	QPSK	1	1		12.98		14.0	0.0
10	QPSK	1	26		12.83			
10	QPSK	1	50		12.93			
10	QPSK	25	0		12.81		14.0	0.0
10	QPSK	25	14		12.93		14.0	0.0
10	QPSK	25	27		12.77		14.0	0.0
10	QPSK	50	0		12.73			
10	16QAM	1	1		12.94		14.0	0.0
10	64QAM	1	1		12.87		14.0	0.0
10	256QAM	1	1		12.81		14.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	12.78	12.88	12.88	14.0	0.0

Reduced Power Mode for Sensor on ENDC

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	14.11	14.12	14.12	15.5	0.0
20	PI/2 BPSK	1	53	14.05	13.84	14.08		
20	PI/2 BPSK	1	104	14.01	13.99	13.94		
20	PI/2 BPSK	50	0	14.04	14.08	14.03	15.5	0.0
20	PI/2 BPSK	50	28	13.97	13.92	13.98	15.5	0.0
20	PI/2 BPSK	50	56	14.04	14.12	14.01	15.5	0.0
20	PI/2 BPSK	100	0	14.15	14.04	14.00		
20	QPSK	1	1	14.14	14.16	14.06	15.5	0.0
20	QPSK	1	53	13.98	14.00	13.83		
20	QPSK	1	104	14.02	14.13	14.05		
20	QPSK	50	0	14.03	14.04	14.05	15.5	0.0
20	QPSK	50	28	14.03	14.09	14.06	15.5	0.0
20	QPSK	50	56	14.08	14.07	14.00	15.5	0.0
20	QPSK	100	0	14.05	13.97	14.02		
20	16QAM	1	1	14.15	14.08	14.11	15.5	0.0
20	64QAM	1	1	14.03	13.96	13.92	15.5	0.0
20	256QAM	1	1	14.10	14.11	14.07	15.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.03	14.05	14.03	15.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.06	14.13	14.01	15.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.02	14.12	14.08	15.5	0.0

n5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.48	20.51	20.52	21.0	0.0
20	PI/2 BPSK	1	53	20.42	20.50	20.54		
20	PI/2 BPSK	1	104	20.52	20.59	20.49		
20	PI/2 BPSK	50	0	20.50	20.51	20.58	21.0	0.0
20	PI/2 BPSK	50	28	20.47	20.54	20.43	21.0	0.0
20	PI/2 BPSK	50	56	20.48	20.51	20.53	21.0	0.0
20	PI/2 BPSK	100	0	20.47	20.54	20.53		
20	QPSK	1	1	20.54	20.61	20.52	21.0	0.0
20	QPSK	1	53	20.53	20.51	20.41		
20	QPSK	1	104	20.48	20.51	20.49		
20	QPSK	50	0	20.52	20.50	20.48	21.0	0.0
20	QPSK	50	28	20.47	20.53	20.40	21.0	0.0
20	QPSK	50	56	20.44	20.44	20.39	21.0	0.0
20	QPSK	100	0	20.51	20.58	20.57		
20	16QAM	1	1	20.46	20.47	20.47	21.0	0.0
20	64QAM	1	1	20.55	20.53	20.49	21.0	0.0
20	256QAM	1	1	19.02	19.05	19.06	19.5	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	20.50	20.53	20.58	21.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	20.57	20.52	20.50	21.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	20.55	20.51	20.54	21.0	0.0

n25 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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	13.97	14.10	14.00	15.5	0.0
40	PI/2 BPSK	1	108	13.99	14.02	13.92		
40	PI/2 BPSK	1	214	13.97	14.09	13.92		
40	PI/2 BPSK	108	0	13.94	14.06	14.01	15.5	0.0
40	PI/2 BPSK	108	54	13.90	13.99	13.95	15.5	0.0
40	PI/2 BPSK	108	108	13.90	14.02	13.95	15.5	0.0
40	PI/2 BPSK	216	0	13.93	14.04	14.00		
40	QPSK	1	1	14.03	14.20	14.07	15.5	0.0
40	QPSK	1	108	13.94	14.13	13.89		
40	QPSK	1	214	13.91	14.13	13.87		
40	QPSK	108	0	14.07	14.00	14.00	15.5	0.0
40	QPSK	108	54	13.94	14.09	13.94	15.5	0.0
40	QPSK	108	108	13.89	14.08	14.01	15.5	0.0
40	QPSK	216	0	13.97	14.03	13.92		
40	16QAM	1	1	13.99	14.17	14.10	15.5	0.0
40	64QAM	1	1	13.98	13.98	13.85	15.5	0.0
40	256QAM	1	1	14.02	14.08	13.91	15.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	13.98	14.12	14.13	15.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	13.96	14.08	14.08	15.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	14.03	14.06	14.07	15.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	14.08	14.15	14.02	15.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	13.98	14.15	14.08	15.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	14.04	14.15	14.08	15.5	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	12.38	12.52	12.48	13.5	0.0
40	PI/2 BPSK	1	108	12.26	12.31	12.23		
40	PI/2 BPSK	1	214	12.32	12.40	12.21		
40	PI/2 BPSK	108	0	12.49	12.47	12.48	13.5	0.0
40	PI/2 BPSK	108	54	12.28	12.36	12.29	13.5	0.0
40	PI/2 BPSK	108	108	12.27	12.27	12.31	13.5	0.0
40	PI/2 BPSK	216	0	12.27	12.37	12.38		
40	QPSK	1	1	12.37	12.56	12.45	13.5	0.0
40	QPSK	1	108	12.18	12.35	12.27		
40	QPSK	1	214	12.39	12.32	12.25		
40	QPSK	108	0	12.33	12.37	12.32	13.5	0.0
40	QPSK	108	54	12.26	12.45	12.41	13.5	0.0
40	QPSK	108	108	12.37	12.44	12.20	13.5	0.0
40	QPSK	216	0	12.24	12.25	12.21		
40	16QAM	1	1	12.29	12.51	12.24	13.5	0.0
40	64QAM	1	1	12.17	12.39	12.38	13.5	0.0
40	256QAM	1	1	12.21	12.42	12.27	13.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	12.43	12.48	12.50	13.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	12.35	12.50	12.43	13.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	12.43	12.45	12.49	13.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	12.39	12.49	12.43	13.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	12.44	12.49	12.49	13.5	0.0

n71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	18.76	18.85	18.73	20.0	0.0
20	PI/2 BPSK	1	53	18.58	18.68	18.72		
20	PI/2 BPSK	1	104	18.67	18.69	18.82		
20	PI/2 BPSK	50	0	18.77	18.85	18.79	20.0	0.0
20	PI/2 BPSK	50	28	18.55	18.72	18.57	20.0	0.0
20	PI/2 BPSK	50	56	18.74	18.73	18.84	20.0	0.0
20	PI/2 BPSK	100	0	18.57	18.72	18.62		
20	QPSK	1	1	18.81	18.92	18.80	20.0	0.0
20	QPSK	1	53	18.68	18.65	18.57		
20	QPSK	1	104	18.65	18.72	18.75		
20	QPSK	50	0	18.75	18.70	18.71	20.0	0.0
20	QPSK	50	28	18.62	18.76	18.62	20.0	0.0
20	QPSK	50	56	18.68	18.73	18.71	20.0	0.0
20	QPSK	100	0	18.79	18.89	18.72		
20	16QAM	1	1	18.59	18.67	18.69	20.0	0.0
20	64QAM	1	1	18.69	18.69	18.75	20.0	0.0
20	256QAM	1	1	18.28	18.37	18.33	19.5	0.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	18.62	18.72	18.61	20.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	18.55	18.65	18.62	20.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	18.54	18.63	18.66	20.0	0.0

n41 HPUE 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.99	14.08	14.06	15.0	0.0
100	PI/2 BPSK	1	137	13.80	14.02	13.88		
100	PI/2 BPSK	1	271	14.01	14.00	14.01		
100	PI/2 BPSK	135	0	14.05	14.07	14.03	15.0	0.0
100	PI/2 BPSK	135	69	13.92	14.07	13.83	15.0	0.0
100	PI/2 BPSK	135	138	13.99	13.92	14.03	15.0	0.0
100	PI/2 BPSK	270	0	13.94	14.01	13.80		
100	QPSK	1	1	13.87	14.10	14.00	15.0	0.0
100	QPSK	1	137	13.86	14.04	13.93		
100	QPSK	1	271	14.04	14.03	14.03		
100	QPSK	135	0	13.93	14.04	14.05	15.0	0.0
100	QPSK	135	69	13.86	14.06	13.85	15.0	0.0
100	QPSK	135	138	14.05	14.02	13.90	15.0	0.0
100	QPSK	270	0	13.87	13.96	13.86		
100	16QAM	1	1	14.01	14.08	13.99	15.0	0.0
100	64QAM	1	1	13.85	13.97	13.87	15.0	0.0
100	256QAM	1	1	14.06	14.00	13.99	15.0	0.0
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.06	14.02	13.96	15.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.00	14.05	14.03	15.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.94	14.04	14.05	15.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.91	14.07	14.04	15.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.02	14.01	14.02	15.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.90	14.04	13.94	15.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.98	14.03	13.97	15.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.02	14.05	14.04	15.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	13.99	14.05	14.03	15.0	0.0

Par27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.20	18.17	17.90	19.0	0.0
100	PI/2 BPSK	1	137	18.17	17.90	17.76		
100	PI/2 BPSK	1	271	17.89	18.16	17.97		
100	PI/2 BPSK	135	0	17.96	18.19	17.83	19.0	0.0
100	PI/2 BPSK	135	69	18.12	17.95	17.87	19.0	0.0
100	PI/2 BPSK	135	138	17.89	18.14	17.85	19.0	0.0
100	PI/2 BPSK	270	0	17.95	18.13	17.93		
100	QPSK	1	1	18.15	18.31	17.99	19.0	0.0
100	QPSK	1	137	18.26	18.05	17.84		
100	QPSK	1	271	17.96	18.15	17.97		
100	QPSK	135	0	18.12	18.07	17.81	19.0	0.0
100	QPSK	135	69	18.04	18.13	17.99	19.0	0.0
100	QPSK	135	138	18.02	18.12	17.91	19.0	0.0
100	QPSK	270	0	17.86	18.09	17.89		
100	16QAM	1	1	18.17	18.16	17.90	19.0	0.0
100	64QAM	1	1	18.16	17.95	17.77	19.0	0.0
100	256QAM	1	1	18.08	18.20	17.88	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.08	18.19	17.93	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.07	18.25	17.93	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.10	18.14	18.02	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.08	18.15	17.97	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.04	18.28	17.88	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.14	18.20	18.00	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.05	18.26	17.94	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.16	18.20	17.98	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.14	18.18	17.97	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.13	18.26	17.89	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.08	18.28	17.98	19.0	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.88		19.0	0.0
100	PI/2 BPSK	1	137		17.78			
100	PI/2 BPSK	1	271		17.86			
100	PI/2 BPSK	135	0		17.85		19.0	0.0
100	PI/2 BPSK	135	69		17.74		19.0	0.0
100	PI/2 BPSK	135	138		17.74		19.0	0.0
100	PI/2 BPSK	270	0		17.77			
100	QPSK	1	1		17.86		19.0	0.0
100	QPSK	1	137		17.68			
100	QPSK	1	271		17.75			
100	QPSK	135	0		17.88		19.0	0.0
100	QPSK	135	69		17.94		19.0	0.0
100	QPSK	135	138		17.81		19.0	0.0
100	QPSK	270	0		17.92			
100	16QAM	1	1		17.85		19.0	0.0
100	64QAM	1	1		17.84		19.0	0.0
100	256QAM	1	1		17.66		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.65	17.83	17.75	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.63	17.78	17.84	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.60	17.78	17.76	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.71	17.78	17.80	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.63	17.80	17.80	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.65	17.83	17.73	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.71	17.79	17.79	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.71	17.79	17.72	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.68	17.81	17.80	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.61	17.83	17.76	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.61	17.82	17.82	19.0	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.07		19.0	0.0
100	PI/2 BPSK	1	137		18.01			
100	PI/2 BPSK	1	271		18.10			
100	PI/2 BPSK	135	0		18.06		19.0	0.0
100	PI/2 BPSK	135	69		18.02		19.0	0.0
100	PI/2 BPSK	135	138		17.90		19.0	0.0
100	PI/2 BPSK	270	0		18.07			
100	QPSK	1	1		18.20		19.0	0.0
100	QPSK	1	137		18.03			
100	QPSK	1	271		18.09			
100	QPSK	135	0		18.11		19.0	0.0
100	QPSK	135	69		18.12		19.0	0.0
100	QPSK	135	138		18.02		19.0	0.0
100	QPSK	270	0		18.15			
100	16QAM	1	1		18.10		19.0	0.0
100	64QAM	1	1		17.89		19.0	0.0
100	256QAM	1	1		17.98		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.90	18.16	17.92	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.86	18.00	17.83	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.95	18.07	17.90	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.95	18.01	17.81	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.87	18.02	17.84	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.89	18.06	17.87	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.85	18.08	17.84	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.94	18.03	17.81	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.89	18.08	17.83	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.96	18.03	17.77	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.89	18.02	17.82	19.0	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.54		19.0	0.0
100	PI/2 BPSK	1	137		17.51			
100	PI/2 BPSK	1	271		17.48			
100	PI/2 BPSK	135	0		17.65		19.0	0.0
100	PI/2 BPSK	135	69		17.51		19.0	0.0
100	PI/2 BPSK	135	138		17.47		19.0	0.0
100	PI/2 BPSK	270	0		17.59			
100	QPSK	1	1		17.65		19.0	0.0
100	QPSK	1	137		17.53			
100	QPSK	1	271		17.53			
100	QPSK	135	0		17.51		19.0	0.0
100	QPSK	135	69		17.57		19.0	0.0
100	QPSK	135	138		17.55		19.0	0.0
100	QPSK	270	0		17.60			
100	16QAM	1	1		17.62		19.0	0.0
100	64QAM	1	1		17.48		19.0	0.0
100	256QAM	1	1		17.57		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.46	17.60	17.36	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.43	17.59	17.40	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.37	17.64	17.40	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.45	17.61	17.38	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.39	17.59	17.38	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.36	17.61	17.32	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.34	17.59	17.41	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.40	17.58	17.39	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.43	17.61	17.40	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.40	17.63	17.35	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.41	17.59	17.43	19.0	0.0

n2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.06	17.17	17.10	18.5	0.0
20	PI/2 BPSK	1	53	16.84	17.10	17.02		
20	PI/2 BPSK	1	104	16.91	17.11	17.07		
20	PI/2 BPSK	50	0	17.01	17.13	17.05	18.5	0.0
20	PI/2 BPSK	50	28	16.91	17.02	16.97	18.5	0.0
20	PI/2 BPSK	50	56	16.85	17.12	17.01	18.5	0.0
20	PI/2 BPSK	100	0	16.93	17.01	16.95		
20	QPSK	1	1	16.97	17.30	17.07	18.5	0.0
20	QPSK	1	53	16.84	17.06	16.92		
20	QPSK	1	104	16.95	17.11	17.06		
20	QPSK	50	0	16.97	17.06	17.04	18.5	0.0
20	QPSK	50	28	16.85	17.17	17.02	18.5	0.0
20	QPSK	50	56	16.90	17.07	17.04	18.5	0.0
20	QPSK	100	0	16.85	17.03	16.95		
20	16QAM	1	1	16.96	17.15	17.08	18.5	0.0
20	64QAM	1	1	16.88	17.10	16.94	18.5	0.0
20	256QAM	1	1	16.94	17.17	17.06	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.90	17.09	16.96	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.92	17.08	17.02	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.83	17.10	16.94	18.5	0.0

n66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	12.69	12.90	12.80	14.5	0.0
40	PI/2 BPSK	1	108	12.60	12.85	12.74		
40	PI/2 BPSK	1	214	12.71	12.88	12.79		
40	PI/2 BPSK	108	0	12.74	12.90	12.85	14.5	0.0
40	PI/2 BPSK	108	54	12.70	12.80	12.79	14.5	0.0
40	PI/2 BPSK	108	108	12.65	12.86	12.80	14.5	0.0
40	PI/2 BPSK	216	0	12.63	12.87	12.79		
40	QPSK	1	1	12.69	12.95	12.89	14.5	0.0
40	QPSK	1	108	12.65	12.80	12.73		
40	QPSK	1	214	12.73	12.92	12.71		
40	QPSK	108	0	12.71	12.89	12.82	14.5	0.0
40	QPSK	108	54	12.66	12.91	12.77	14.5	0.0
40	QPSK	108	108	12.71	12.83	12.71	14.5	0.0
40	QPSK	216	0	12.69	12.92	12.77		
40	16QAM	1	1	12.75	12.90	12.86	14.5	0.0
40	64QAM	1	1	12.63	12.86	12.71	14.5	0.0
40	256QAM	1	1	12.65	12.89	12.72	14.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	12.72	12.84	12.77	14.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	12.66	12.87	12.82	14.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	12.69	12.85	12.73	14.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	12.64	12.90	12.79	14.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	12.72	12.90	12.75	14.5	0.0

Par27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.07	19.07	18.76	20.0	0.0
100	PI/2 BPSK	1	137	18.80	18.96	18.86		
100	PI/2 BPSK	1	271	18.80	19.00	18.88		
100	PI/2 BPSK	135	0	18.99	18.86	18.88	20.0	0.0
100	PI/2 BPSK	135	69	18.79	19.00	18.95	20.0	0.0
100	PI/2 BPSK	135	138	18.89	19.03	18.92	20.0	0.0
100	PI/2 BPSK	270	0	18.95	19.08	19.04		
100	QPSK	1	1	18.98	19.19	18.89	20.0	0.0
100	QPSK	1	137	18.83	19.05	18.91		
100	QPSK	1	271	18.78	19.05	19.00		
100	QPSK	135	0	19.04	18.96	19.09	20.0	0.0
100	QPSK	135	69	18.85	19.22	19.10	20.0	0.0
100	QPSK	135	138	18.92	19.11	18.91	20.0	0.0
100	QPSK	270	0	18.91	19.04	18.94		
100	16QAM	1	1	19.04	19.10	18.81	20.0	0.0
100	64QAM	1	1	18.93	18.89	19.02	20.0	0.0
100	256QAM	1	1	18.93	19.04	18.93	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.98	19.07	18.87	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.07	19.16	18.83	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.96	19.14	18.83	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.04	19.14	18.79	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.08	19.15	18.81	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.94	19.07	18.79	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.02	19.21	18.79	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.07	19.20	18.90	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.05	19.18	18.81	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.06	19.18	18.81	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.97	19.19	18.81	20.0	0.0

Part27Q n77 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.61		20.0	0.0
100	PI/2 BPSK	1	137		18.58			
100	PI/2 BPSK	1	271		18.77			
100	PI/2 BPSK	135	0		18.57		20.0	0.0
100	PI/2 BPSK	135	69		18.48		20.0	0.0
100	PI/2 BPSK	135	138		18.50		20.0	0.0
100	PI/2 BPSK	270	0		18.60			
100	QPSK	1	1		18.84		20.0	0.0
100	QPSK	1	137		18.73			
100	QPSK	1	271		18.65			
100	QPSK	135	0		18.62		20.0	0.0
100	QPSK	135	69		18.79		20.0	0.0
100	QPSK	135	138		18.55		20.0	0.0
100	QPSK	270	0		18.57			
100	16QAM	1	1		18.47		20.0	0.0
100	64QAM	1	1		18.52		20.0	0.0
100	256QAM	1	1		18.46		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.72	18.77	18.56	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.75	18.81	18.57	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.67	18.69	18.51	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.75	18.67	18.54	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.73	18.67	18.53	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.65	18.72	18.56	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.69	18.72	18.48	20.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.67	18.76	18.49	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.66	18.72	18.48	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.69	18.72	18.56	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.76	18.80	18.52	20.0	0.0

Part27O n78 HPUE 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.89		20.0	0.0
100	PI/2 BPSK	1	137		18.81			
100	PI/2 BPSK	1	271		18.97			
100	PI/2 BPSK	135	0		18.93		20.0	0.0
100	PI/2 BPSK	135	69		18.81		20.0	0.0
100	PI/2 BPSK	135	138		18.89		20.0	0.0
100	PI/2 BPSK	270	0		18.97			
100	QPSK	1	1		19.05		20.0	0.0
100	QPSK	1	137		18.95			
100	QPSK	1	271		18.78			
100	QPSK	135	0		18.87		20.0	0.0
100	QPSK	135	69		18.93		20.0	0.0
100	QPSK	135	138		18.88		20.0	0.0
100	QPSK	270	0		18.76			
100	16QAM	1	1		18.92		20.0	0.0
100	64QAM	1	1		18.87		20.0	0.0
100	256QAM	1	1		18.94		20.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.02	18.90	18.75	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.97	18.96	18.85	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.92	18.86	18.88	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.93	19.00	18.89	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.93	18.93	18.75	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.94	18.97	18.86	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.04	18.87	18.76	20.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.03	19.00	18.86	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.03	18.97	18.86	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.90	18.99	18.85	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.01	18.89	18.80	20.0	0.0

Part27Q 78 HPUE 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.61		20.0	0.0
100	PI/2 BPSK	1	137		18.64			
100	PI/2 BPSK	1	271		18.58			
100	PI/2 BPSK	135	0		18.65		20.0	0.0
100	PI/2 BPSK	135	69		18.60		20.0	0.0
100	PI/2 BPSK	135	138		18.62		20.0	0.0
100	PI/2 BPSK	270	0		18.54			
100	QPSK	1	1		18.79		20.0	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		18.53			
100	QPSK	135	0		18.63		20.0	0.0
100	QPSK	135	69		18.67		20.0	0.0
100	QPSK	135	138		18.49		20.0	0.0
100	QPSK	270	0		18.77			
100	16QAM	1	1		18.60		20.0	0.0
100	64QAM	1	1		18.65		20.0	0.0
100	256QAM	1	1		18.59		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.55	18.65	18.61	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.46	18.63	18.66	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.45	18.67	18.53	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.46	18.66	18.53	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.51	18.60	18.62	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.45	18.56	18.67	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.47	18.58	18.61	20.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.46	18.54	18.66	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.47	18.62	18.61	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.54	18.62	18.61	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.51	18.62	18.63	20.0	0.0

n41 HPUE Ant 8

BW [MHz]	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	16.39	17.04	16.59	17.5	0.0
100	PI/2 BPSK	1	137	16.27	17.11	16.54		
100	PI/2 BPSK	1	271	16.31	17.06	16.63		
100	PI/2 BPSK	135	0	16.39	16.99	16.59	17.5	0.0
100	PI/2 BPSK	135	69	16.29	17.04	16.50	17.5	0.0
100	PI/2 BPSK	135	138	16.28	16.86	16.55	17.5	0.0
100	PI/2 BPSK	270	0	16.33	17.10	16.52		
100	QPSK	1	1	16.35	17.14	16.56	17.5	0.0
100	QPSK	1	137	16.29	16.95	16.53		
100	QPSK	1	271	16.25	17.02	16.56		
100	QPSK	135	0	16.35	16.97	16.58	17.5	0.0
100	QPSK	135	69	16.26	17.08	16.58	17.5	0.0
100	QPSK	135	138	16.31	17.06	16.59	17.5	0.0
100	QPSK	270	0	16.39	16.96	16.61		
100	16QAM	1	1	16.28	16.98	16.61	17.5	0.0
100	64QAM	1	1	16.34	17.00	16.58	17.5	0.0
100	256QAM	1	1	16.37	17.06	16.57	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.39	17.05	16.57	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.49	17.07	16.55	17.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.41	17.00	16.62	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.47	17.02	16.54	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.46	16.99	16.61	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.51	16.98	16.49	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.41	16.96	16.65	17.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.48	16.96	16.51	17.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.44	17.00	16.55	17.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.42	17.00	16.57	17.5	0.0

n30 Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		15.32		16.5	0.0
10	PI/2 BPSK	1	26		15.41			
10	PI/2 BPSK	1	50		15.46			
10	PI/2 BPSK	25	0		15.47		16.5	0.0
10	PI/2 BPSK	25	14		15.36		16.5	0.0
10	PI/2 BPSK	25	27		15.33		16.5	0.0
10	PI/2 BPSK	50	0		15.30			
10	QPSK	1	1		15.52		16.5	0.0
10	QPSK	1	26		15.35			
10	QPSK	1	50		15.42			
10	QPSK	25	0		15.36		16.5	0.0
10	QPSK	25	14		15.40		16.5	0.0
10	QPSK	25	27		15.29		16.5	0.0
10	QPSK	50	0		15.28			
10	16QAM	1	1		15.51		16.5	0.0
10	64QAM	1	1		15.30		16.5	0.0
10	256QAM	1	1		15.38		16.5	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	15.28	15.41	15.40	16.5	0.0

Full Power			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			500K
Lora	1	904	27.05
	12	915	27.03
	23	926	26.87
Tune-up Limit			27.50

Receiver on			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			500K
Lora	1	904	22.20
	12	915	21.58
	23	926	21.71
Tune-up Limit			22.50

Sensor on			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			500K
Lora	1	904	23.86
	12	915	23.62
	23	926	23.48
Tune-up Limit			24.00

2.4GHz WLAN				Ant 3 Full Power		Ant 4 Full Power		Ant 3+4 Full Power		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	11.32	13.00	12.77	14.00	15.12	16.50	100.00
		6	2437	12.01	13.50	12.63	14.00	15.34	16.80	
		11	2462	11.58	13.00	12.40	14.00	15.02	16.50	
	802.11g 6Mbps	1	2412	8.79	10.00	10.41	11.00	12.69	13.50	99.45
		6	2437	9.28	11.00	10.19	11.50	12.77	14.30	
		11	2462	9.00	10.50	10.17	11.50	12.63	14.00	
	802.11n-HT20 MCS0	1	2412	8.26	10.00	10.06	11.50	12.26	13.80	100.00
		6	2437	8.79	10.00	9.74	11.00	12.30	13.50	
		11	2462	8.57	10.00	9.66	11.00	12.16	13.50	
	802.11n-HT40 MCS0	3	2422	6.82	8.00	7.32	9.00	10.09	11.80	100.00
		6	2437	10.02	11.50	10.88	12.50	13.48	15.00	
		9	2452	7.23	8.50	8.04	10.00	10.66	12.30	
	802.11ax-HE20 MCS0	1	2412	8.70	10.00	10.26	11.50	12.56	13.80	100.00
		6	2437	9.15	10.50	10.09	11.50	12.66	14.00	
		11	2462	8.88	10.50	9.90	11.50	12.43	14.00	
	802.11ax-HE40 MCS0	3	2422	6.88	8.50	7.37	9.00	10.14	11.80	100.00
		6	2437	8.53	10.00	9.36	11.00	11.98	13.50	
		9	2452	7.25	8.50	8.07	9.50	10.69	12.00	

5.2GHz WLAN				Ant 3 Full Power		Ant 4 Full Power		Ant 3+4 Full Power		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	9.80	11.50	6.56	8.00	11.49	13.1	98.97
		40	5200	9.96	11.50	6.52	8.00	11.59	13.1	
		44	5220	10.35	12.00	6.82	8.50	11.95	13.6	
		48	5240	10.42	12.00	7.13	8.50	12.09	13.6	
	802.11n-HT20 MCS0	36	5180	9.47	11.00	6.42	8.00	11.22	12.8	100.00
		40	5200	9.71	11.00	6.27	8.00	11.33	12.8	
		44	5220	10.12	11.50	6.59	8.00	11.71	13.1	
		48	5240	10.23	11.50	6.88	8.50	11.88	13.3	
	802.11n-HT40 MCS0	38	5190	10.25	11.50	6.85	8.50	11.88	13.3	100.00
		46	5230	10.67	12.00	7.02	8.50	12.23	13.6	
	802.11ac-VHT20 MCS0	36	5180	9.53	11.00	6.44	8.00	11.26	12.8	100.00
		40	5200	9.75	11.50	6.31	8.00	11.37	13.1	
		44	5220	10.14	11.50	6.61	8.00	11.73	13.1	
		48	5240	10.25	11.50	6.92	8.50	11.91	13.3	
	802.11ac-VHT40 MCS0	38	5190	10.27	11.50	6.87	8.50	11.90	13.3	100.00
		46	5230	10.72	12.00	7.05	8.50	12.27	13.6	
	802.11ac-VHT80 MCS0	42	5210	10.39	12.00	6.75	8.50	11.95	13.6	100.00
	802.11ax-HE20 MCS0	36	5180	9.59	11.00	6.48	8.00	11.32	12.8	100.00
		40	5200	9.78	11.50	6.34	8.00	11.40	13.1	
		44	5220	10.17	11.50	6.63	8.00	11.76	13.1	
		48	5240	10.29	11.50	6.95	8.50	11.94	13.3	
	802.11ax-HE40 MCS0	38	5190	10.32	11.50	6.93	8.50	11.96	13.3	100.00
		46	5230	10.77	12.00	7.11	8.50	12.32	13.6	
	802.11ax-HE80 MCS0	42	5210	10.47	12.00	6.79	8.50	12.02	13.6	100.00

5.3GHz WLAN				Ant 3 Full Power		Ant 4 Full Power		Ant 3+4 Full Power		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	10.53	12.00	7.30	9.00	12.22	13.8	98.97
		56	5280	10.55	12.00	7.11	8.50	12.18	13.6	
		60	5300	10.57	12.00	7.07	8.50	12.18	13.6	
		64	5320	10.56	12.00	6.85	8.50	12.10	13.6	
	802.11n-HT20 MCS0	52	5260	10.32	12.00	6.97	8.50	11.97	13.6	100
		56	5280	10.37	12.00	6.99	8.50	12.01	13.6	
		60	5300	10.35	12.00	6.85	8.50	11.95	13.6	
		64	5320	10.27	12.00	6.69	8.00	11.85	13.5	
	802.11n-HT40 MCS0	54	5270	10.75	12.50	7.35	9.00	12.38	14.1	100
		62	5310	10.82	12.50	7.31	9.00	12.42	14.1	
	802.11ac-VHT20 MCS0	52	5260	10.33	12.00	7.01	8.50	11.99	13.6	100
		56	5280	10.41	12.00	7.03	8.50	12.05	13.6	
		60	5300	10.37	12.00	6.87	8.50	11.97	13.6	
		64	5320	10.32	12.00	6.71	8.00	11.89	13.5	
	802.11ac-VHT40 MCS0	54	5270	10.82	12.50	7.39	9.00	12.45	14.1	100
		62	5310	10.87	12.50	7.35	9.00	12.47	14.1	
	802.11ac-VHT80 MCS0	58	5290	10.61	12.00	6.97	8.50	12.17	13.6	100
	802.11ac-VHT160 MCS0	50	5250	10.91	12.50	7.37	9	12.50	14.1	100
	802.11ax-HE20 MCS0	52	5260	10.37	12.00	7.06	8.50	12.03	13.6	100
		56	5280	10.43	12.00	7.07	8.50	12.08	13.6	
		60	5300	10.41	12.00	6.91	8.50	12.01	13.6	
		64	5320	10.35	12.00	6.74	8.00	11.92	13.5	
	802.11ax-HE40 MCS0	54	5270	10.88	12.50	7.47	9.00	12.51	14.1	100
		62	5310	10.93	12.50	7.41	9.00	12.53	14.1	
	802.11ax-HE80 MCS0	58	5290	10.69	12.00	7.02	8.50	12.24	13.6	100
	802.11ax-HE160 MCS0	50	5250	10.96	12.50	7.45	9	12.56	14.1	100

5.5GHz WLAN				Ant 3 Full Power		Ant 4 Full Power		Ant 3+4 Full Power		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	11.16	12.50	5.71	7.00	12.25	13.6	98.97
		116	5580	10.48	12.00	5.20	6.50	11.61	13.1	
		132	5660	10.18	11.50	4.47	6.00	11.22	12.6	
		140	5700	9.84	11.50	4.41	6.00	10.94	12.6	
	802.11n-HT20 MCS0	100	5500	10.72	12.00	5.59	7.00	11.88	13.2	100.00
		116	5580	10.02	11.50	4.90	6.50	11.18	12.7	
		132	5660	9.73	11.00	4.23	5.50	10.81	12.1	
		140	5700	9.64	11.00	4.17	5.50	10.72	12.1	
	802.11n-HT40 MCS0	102	5510	11.10	12.50	5.98	7.50	12.26	13.7	100.00
		110	5550	10.96	12.50	5.71	7.00	12.09	13.6	
		134	5670	10.28	12.00	4.89	6.50	11.38	13.1	
	802.11ac-VHT20 MCS0	100	5500	10.75	12.50	5.62	7.00	11.91	13.6	100.00
		116	5580	10.07	11.50	4.95	6.50	11.23	12.7	
		132	5660	9.78	11.50	4.28	6.00	10.86	12.6	
		140	5700	9.67	11.00	4.20	6.00	10.75	12.2	
	802.11ac-VHT40 MCS0	102	5510	11.14	12.50	6.00	7.50	12.30	13.7	100.00
		110	5550	10.99	12.50	5.74	7.00	12.12	13.6	
		134	5670	10.33	12.00	4.94	6.50	11.43	13.1	
	802.11ac-VHT80 MCS0	106	5530	10.70	12.00	5.31	7.00	11.80	13.2	100.00
	802.11ax-HE20 MCS0	100	5500	10.78	12.50	5.65	7.00	11.94	13.6	100.00
		116	5580	10.12	11.50	5.00	6.50	11.28	12.7	
		132	5660	9.83	11.50	4.33	6.00	10.91	12.6	
		140	5700	9.70	11.00	4.23	6.00	10.78	12.2	
	802.11ax-HE40 MCS0	102	5510	11.18	12.50	6.04	7.50	12.34	13.7	100.00
		110	5550	11.02	12.50	5.77	7.50	12.15	13.7	
		134	5670	10.38	12.00	4.99	6.50	11.48	13.1	
	802.11ax-HE80 MCS0	106	5530	10.74	12.00	5.34	7.00	11.84	13.2	100.00

5.8GHz WLAN				Ant 3 Full Power		Ant 4 Full Power		Ant 3+4 Full Power		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	13.98	15.50	9.37	11.00	15.28	16.80	98.97
		157	5785	14.20	15.50	9.55	11.00	15.48	16.80	
		165	5825	13.92	15.50	9.60	11.00	15.29	16.80	
	802.11n-HT20 MCS0	149	5745	13.58	15.00	9.22	11.00	14.94	16.50	100.00
		157	5785	13.93	15.50	9.27	11.00	15.21	16.80	
		165	5825	13.58	15.00	9.34	11.00	14.97	16.50	
	802.11n-HT40 MCS0	151	5755	14.18	15.50	9.55	11.00	15.47	16.80	100.00
		159	5795	13.88	15.50	9.62	11.00	15.26	16.80	
	802.11ac-VHT20 MCS0	149	5745	13.85	15.00	9.24	11.00	14.99	16.50	100.00
		157	5785	13.95	15.50	9.36	11.00	15.25	16.80	
		165	5825	13.67	15.00	9.44	11.00	15.06	16.50	
	802.11ac-VHT40 MCS0	151	5755	14.21	15.50	9.58	11.00	15.50	16.80	100.00
		159	5795	13.96	15.50	9.70	11.00	15.34	16.80	
	802.11ac-VHT80 MCS0	155	5775	14.09	15.50	9.28	11.00	15.33	16.80	100.00
	802.11ax-HE20 MCS0	149	5745	13.72	15.00	9.26	11.00	15.05	16.50	100.00
		157	5785	13.97	15.50	9.45	11.00	15.28	16.80	
		165	5825	13.76	15.00	9.52	11.00	15.15	16.50	
	802.11ax-HE40 MCS0	151	5755	14.24	15.50	9.61	11.00	15.53	16.80	100.00
		159	5795	14.04	15.50	9.78	11.00	15.42	16.80	
	802.11ax-HE80 MCS0	155	5775	14.18	15.50	9.37	11.00	15.42	16.80	100.00

WLAN TX BF Power

2.4GHz WLAN				Ant 3	Ant 4	Ant 3+4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11n-HT20 MCS0	1	2412	7.00	8.00	10.50
		6	2437	7.00	8.00	10.50
		11	2462	7.00	8.00	10.50
	802.11n-HT40 MCS0	3	2422	6.00	6.00	10.30
		6	2437	6.50	8.00	10.30
		9	2452	5.50	6.00	10.30
	802.11ax-HE20 MCS0	1	2412	7.00	8.00	10.50
		6	2437	7.00	8.00	10.50
		11	2462	7.00	8.00	10.50
	802.11ax-HE40 MCS0	3	2422	5.00	6.00	8.50
		6	2437	6.50	8.00	10.30
		9	2452	5.50	6.00	8.80

5.2GHz WLAN				Ant 3	Ant 4	Ant 3+4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
5.2GHz WLAN	802.11n-HT20 MCS0	36	5180	7.50	5.00	9.40
		44	5220	8.50	5.00	10.10
		48	5240	8.50	5.00	10.10
	802.11n-HT40 MCS0	38	5190	8.50	5.00	10.10
		46	5230	9.00	5.00	10.50
	802.11ac-VHT20 MCS0	36	5180	7.50	5.00	9.40
		44	5220	8.50	5.00	10.10
		48	5240	8.50	5.00	10.10
	802.11ac-VHT40 MCS0	38	5190	8.50	5.00	10.10
		46	5230	9.00	5.00	10.50
	802.11ac-VHT80 MCS0	42	5210	9.00	5.00	10.50
	802.11ax-HE20 MCS0	36	5180	8.00	5.00	10.50
		44	5220	9.00	5.00	10.50
		48	5240	9.00	5.00	10.50
	802.11ax-HE40 MCS0	38	5190	9.00	5.00	10.50
		46	5230	9.00	5.00	10.50
	802.11ax-HE80 MCS0	42	5210	9.00	5.00	10.50

5.3GHz WLAN				Ant 3	Ant 4	Ant 3+4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
5.3GHz WLAN	802.11n-HT20 MCS0	52	5260	9.00	6.00	10.80
		56	5280	9.00	6.00	10.80
		60	5300	9.00	6.00	10.80
		64	5320	9.00	5.00	10.50
	802.11n-HT40 MCS0	54	5270	9.00	6.00	10.80
		62	5310	9.00	6.00	10.80
	802.11ac-VHT20 MCS0	52	5260	9.00	6.00	10.80
		56	5280	9.00	6.00	10.80
		60	5300	9.00	6.00	10.80
		64	5320	9.00	5.00	10.50
	802.11ac-VHT40 MCS0	54	5270	9.00	6.00	10.80
		62	5310	9.00	6.00	10.80
	802.11ac-VHT80 MCS0	58	5290	9.00	6.00	10.80
	802.11ac-VHT160 MCS0	50	5250	9.00	6.00	10.80
	802.11ax-HE20 MCS0	52	5260	9.00	6.00	10.80
		56	5280	9.00	6.00	10.80
		60	5300	9.00	6.00	10.80
		64	5320	9.00	5.00	10.50
	802.11ax-HE40 MCS0	54	5270	9.00	6.00	10.80
		62	5310	9.00	6.00	10.80
	802.11ax-HE80 MCS0	58	5290	9.00	6.00	10.80
	802.11ax-HE160 MCS0	50	5250	9.00	6.00	10.80

5.5GHz WLAN				Ant 3	Ant 4	Ant 3+4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
5.5GHz WLAN	802.11a 6Mbps	100	5500	9.00	4.00	10.20
		116	5580	9.00	4.00	10.20
		140	5700	9.00	3.00	10.00
		144	5720	8.00	3.00	9.20
	802.11n-HT20 MCS0	100	5500	9.00	4.00	10.20
		116	5580	9.00	4.00	10.20
		140	5700	8.00	3.00	9.20
		144	5720	8.00	3.00	9.20
	802.11n-HT40 MCS0	102	5510	9.00	4.00	10.20
		110	5550	9.00	4.00	10.20
		134	5670	9.00	4.00	10.20
		142	5710	9.00	3.00	10.00
	802.11ac-VHT20 MCS0	100	5500	9.00	4.00	10.20
		116	5580	9.00	4.00	10.20
		140	5700	8.00	3.00	9.20
		144	5720	8.00	3.00	9.20
	802.11ac-VHT40 MCS0	102	5510	9.00	4.00	10.20
		110	5550	9.00	4.00	10.20
		134	5670	9.00	4.00	10.20
		142	5710	9.00	4.00	10.20
	802.11ac-VHT80 MCS0	106	5530	9.00	4.00	10.20
		122	5610	9.00	4.00	10.20
		138	5690	9.00	3.00	10.00
	802.11ac-VHT160 MCS0	114	5570	9.00	4.00	10.20
	802.11ax-HE20 MCS0	100	5500	9.00	4.00	10.20
		116	5580	9.00	4.00	10.20
		140	5700	8.00	3.00	9.20
		144	5720	8.00	3.00	9.20
	802.11ax-HE40 MCS0	102	5510	9.00	4.00	10.20
		110	5550	9.00	4.00	10.20
		134	5670	9.00	4.00	10.20
		142	5710	9.00	4.00	10.20
	802.11ax-HE80 MCS0	106	5530	9.00	4.00	10.20
		122	5610	9.00	4.00	10.20
		138	5690	9.00	3.00	10.00
	802.11ax-HE160 MCS0	114	5570	9.00	4.00	10.20

5.8GHz WLAN				Ant 3	Ant 4	Ant 3+4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit	Tune-Up Limit
5.8GHz WLAN	802.11n-HT20 MCS0	149	5745	12.00	8.00	13.50
		157	5785	12.00	8.00	13.50
		165	5825	12.00	8.00	13.50
	802.11n-HT40 MCS0	151	5755	12.00	8.00	13.50
		159	5795	12.00	8.00	13.50
	802.11ac-VHT20 MCS0	149	5745	12.00	8.00	13.50
		157	5785	12.00	8.00	13.50
		165	5825	12.00	8.00	13.50
	802.11ac-VHT40 MCS0	151	5755	12.00	8.00	13.50
		159	5795	12.00	8.00	13.50
	802.11ac-VHT80 MCS0	155	5775	12.00	8.00	13.50
	802.11ax-HE20 MCS0	149	5745	12.00	8.00	13.50
		157	5785	12.00	8.00	13.50
		165	5825	12.00	8.00	13.50
	802.11ax-HE40 MCS0	151	5755	12.00	8.00	13.50
		159	5795	12.00	8.00	13.50
	802.11ax-HE80 MCS0	155	5775	12.00	8.00	13.50

BT BR/EDR ANT3

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	7.60	6.05	6.05
	CH 39	2441	6.38	4.93	4.78
	CH 78	2480	6.65	4.91	5.13
Tune-up Limit			8	6.5	6.5

BT BR/EDR ANT4

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	7.34	6.00	6.02
	CH 39	2441	6.94	5.19	5.19
	CH 78	2480	6.71	5.15	5.32
Tune-up Limit			8	6.5	6.5

BLE_1M ANT3

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	7.39
	CH 19	2440	6.43
	CH 39	2480	6.11
Tune-up Limit			8

BLE_1M ANT4

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	7.44
	CH 19	2440	6.62
	CH 39	2480	6.33
Tune-up Limit			8

BLE_2M ANT3

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	7.18
	CH 19	2440	6.10
	CH 39	2480	6.41
Tune-up Limit			8.00

BLE_2M ANT4

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	7.40
	CH 19	2440	6.59
	CH 39	2480	6.31
Tune-up Limit			8.00