Full & Default Power Mode

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	23.21	23.28	23.23	**24.00**	23.26	23.30	23.23	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.17	22.29	22.28	**23.00**	22.11	22.26	22.21	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.16	22.28	22.26	**23.00**	22.22	22.27	22.22	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.67	21.79	21.79	**22.50**	21.72	21.72	21.66	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.65	21.75	21.77	**22.50**	21.70	21.79	21.68	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.12	22.24	22.23	**23.00**	22.04	22.23	22.19	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.13	22.24	22.20	**23.00**	22.15	22.21	22.17	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.61	21.74	21.72	**22.50**	21.67	21.68	21.62	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.58	21.74	21.71	**22.50**	21.63	21.77	21.61	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.17	22.30	22.31	**23.00**	22.16	22.20	22.22	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.16	20.28	20.30	**21.00**	20.18	20.20	20.15	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.13	21.25	21.28	**22.00**	21.18	21.21	21.15	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.08	20.27	20.25	**21.00**	20.18	20.24	20.17	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.10	22.30	22.30	**23.00**	22.20	22.20	22.20	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.11	20.11	20.05	**20.50**	20.05	20.05	20.08	**20.50**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	23.37	23.40	23.39	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.45	22.47	22.41	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.49	22.50	22.46	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.97	21.98	21.93	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.96	21.95	21.92	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.43	22.42	22.38	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.43	22.44	22.41	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	21.93	21.88	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.95	21.94	21.85	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.37	22.31	22.32	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.38	20.33	20.33	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.34	21.35	21.32	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.34	20.33	20.34	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.30	22.30	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.21	20.18	20.15	**20.50**

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.99	23.01	23.00	24	0
20	QPSK	1	49	22.88	22.95	22.93		
20	QPSK	1	99	22.92	22.93	22.89		
20	QPSK	50	0	21.92	21.98	21.93	23	1
20	QPSK	50	24	21.90	21.93	21.88		
20	QPSK	50	50	21.89	21.92	21.87		
20	QPSK	100	0	21.91	21.95	21.88		
20	16QAM	1	0	22.02	22.05	22.01	23	1
20	16QAM	1	49	21.95	21.98	21.91		
20	16QAM	1	99	21.95	22.02	21.97		
20	16QAM	50	0	20.86	20.94	20.90	22	2
20	16QAM	50	24	20.87	20.91	20.89		
20	16QAM	50	50	20.78	20.89	20.75		
20	16QAM	100	0	20.82	20.88	20.84		
20	64QAM	1	0	20.92	20.95	20.90	22	2
20	64QAM	1	49	20.87	20.88	20.77		
20	64QAM	1	99	20.78	20.93	20.82		
20	64QAM	50	0	19.84	19.91	19.90	21	3
20	64QAM	50	24	19.80	19.88	19.82		
20	64QAM	50	50	19.86	19.93	19.78		
20	64QAM	100	0	19.81	19.92	19.80		
20	256QAM	1	0	17.84	17.95	17.80	19	5
20	256QAM	1	49	17.80	17.93	17.91		
20	256QAM	1	99	17.73	17.88	17.80		
20	256QAM	50	0	17.74	17.89	17.84	19	5
20	256QAM	50	24	17.72	17.85	17.84		
20	256QAM	50	50	17.84	17.92	17.91		
20	256QAM	100	0	17.86	17.94	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.92	22.96	22.97	24	0
15	QPSK	1	37	22.83	22.89	22.89		
15	QPSK	1	74	22.86	22.89	22.87		
15	QPSK	36	0	21.90	21.93	21.89	23	1
15	QPSK	36	20	21.87	21.90	21.87		
15	QPSK	36	39	21.88	21.85	21.80		
15	QPSK	75	0	21.86	21.88	21.82		
15	16QAM	1	0	21.98	22.03	21.99	23	1
15	16QAM	1	37	21.94	21.91	21.86		
15	16QAM	1	74	21.92	21.96	21.92		
15	16QAM	36	0	20.77	20.85	20.84	22	2
15	16QAM	36	20	20.80	20.82	20.81		
15	16QAM	36	39	20.63	20.88	20.64		
15	16QAM	75	0	20.72	20.83	20.83		
15	64QAM	1	0	20.83	20.89	20.86	22	2
15	64QAM	1	37	20.84	20.85	20.72		
15	64QAM	1	74	20.74	20.79	20.80		
15	64QAM	36	0	19.82	19.90	19.85	21	3
15	64QAM	36	20	19.65	19.82	19.71		
15	64QAM	36	39	19.72	19.89	19.69		
15	64QAM	75	0	19.68	19.80	19.79		
15	256QAM	1	0	17.75	17.82	17.75	19	5
15	256QAM	1	37	17.78	17.92	17.77		
15	256QAM	1	74	17.65	17.79	17.71		
15	256QAM	36	0	17.65	17.80	17.78	19	5
15	256QAM	36	20	17.68	17.83	17.79		
15	256QAM	36	39	17.75	17.89	17.81		
15	256QAM	75	0	17.81	17.87	17.81		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.93	23.00	22.95	24	0
10	QPSK	1	25	22.82	22.92	22.89		
10	QPSK	1	49	22.91	22.87	22.87		
10	QPSK	25	0	21.87	21.94	21.88	23	1
10	QPSK	25	12	21.89	21.92	21.82		
10	QPSK	25	25	21.82	21.87	21.82		
10	QPSK	50	0	21.86	21.90	21.84		
10	16QAM	1	0	21.95	22.02	21.94	23	1
10	16QAM	1	25	21.94	21.93	21.89		
10	16QAM	1	49	21.86	21.94	21.96		
10	16QAM	25	0	20.80	20.90	20.83	22	2
10	16QAM	25	12	20.86	20.87	20.81		
10	16QAM	25	25	20.70	20.78	20.69		
10	16QAM	50	0	20.67	20.87	20.83		
10	64QAM	1	0	20.90	20.83	20.88	22	2
10	64QAM	1	25	20.77	20.75	20.70		
10	64QAM	1	49	20.66	20.78	20.75		
10	64QAM	25	0	19.75	19.85	19.83	21	3
10	64QAM	25	12	19.76	19.79	19.79		
10	64QAM	25	25	19.81	19.90	19.63		
10	64QAM	50	0	19.77	19.91	19.71		
10	256QAM	1	0	17.78	17.80	17.65	19	5
10	256QAM	1	25	17.66	17.89	17.90		
10	256QAM	1	49	17.58	17.85	17.70		
10	256QAM	25	0	17.60	17.88	17.80	19	5
10	256QAM	25	12	17.60	17.80	17.74		
10	256QAM	25	25	17.82	17.89	17.83		
10	256QAM	50	0	17.76	17.81	17.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.95	23.00	22.97	24	0
5	QPSK	1	12	22.83	22.91	22.91		
5	QPSK	1	24	22.91	22.91	22.82		
5	QPSK	12	0	21.90	21.92	21.88	23	1
5	QPSK	12	7	21.89	21.92	21.85		
5	QPSK	12	13	21.85	21.89	21.81		
5	QPSK	25	0	21.85	21.88	21.83		
5	16QAM	1	0	22.01	22.04	21.94	23	1
5	16QAM	1	12	21.93	21.96	21.85		
5	16QAM	1	24	21.92	21.94	21.96		
5	16QAM	12	0	20.79	20.93	20.81	22	2
5	16QAM	12	7	20.85	20.88	20.83		
5	16QAM	12	13	20.70	20.76	20.61		
5	16QAM	25	0	20.71	20.87	20.81		
5	64QAM	1	0	20.87	20.86	20.77	22	2
5	64QAM	1	12	20.72	20.76	20.74		
5	64QAM	1	24	20.73	20.84	20.70		
5	64QAM	12	0	19.71	19.81	19.85	21	3
5	64QAM	12	7	19.66	19.75	19.77		
5	64QAM	12	13	19.73	19.88	19.77		
5	64QAM	25	0	19.71	19.78	19.79		
5	256QAM	1	0	17.73	17.88	17.68	19	5
5	256QAM	1	12	17.72	17.79	17.79		
5	256QAM	1	24	17.65	17.79	17.66		
5	256QAM	12	0	17.61	17.80	17.72	19	5
5	256QAM	12	7	17.64	17.74	17.80		
5	256QAM	12	13	17.76	17.90	17.90		
5	256QAM	25	0	17.71	17.91	17.74		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.93	22.97	22.99	24	0
3	QPSK	1	8	22.86	22.88	22.88		
3	QPSK	1	14	22.87	22.88	22.85		
3	QPSK	8	0	21.85	21.91	21.87	23	1
3	QPSK	8	4	21.89	21.87	21.84		
3	QPSK	8	7	21.83	21.85	21.80		
3	QPSK	15	0	21.86	21.94	21.82		
3	16QAM	1	0	21.99	22.01	21.94	23	1
3	16QAM	1	8	21.88	21.97	21.85		
3	16QAM	1	14	21.88	21.95	21.89		
3	16QAM	8	0	20.82	20.89	20.82	22	2
3	16QAM	8	4	20.84	20.85	20.84		
3	16QAM	8	7	20.72	20.80	20.74		
3	16QAM	15	0	20.70	20.87	20.76		
3	64QAM	1	0	20.79	20.86	20.88	22	2
3	64QAM	1	8	20.72	20.83	20.75		
3	64QAM	1	14	20.73	20.90	20.79		
3	64QAM	8	0	19.82	19.81	19.86	21	3
3	64QAM	8	4	19.69	19.81	19.80		
3	64QAM	8	7	19.77	19.85	19.69		
3	64QAM	15	0	19.66	19.79	19.74		
3	256QAM	1	0	17.81	17.93	17.70	19	5
3	256QAM	1	8	17.73	17.78	17.84		
3	256QAM	1	14	17.63	17.74	17.75		
3	256QAM	8	0	17.61	17.75	17.71	19	5
3	256QAM	8	4	17.69	17.79	17.77		
3	256QAM	8	7	17.73	17.89	17.81		
3	256QAM	15	0	17.73	17.80	17.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.94	22.94	22.95	24	0
1.4	QPSK	1	3	22.86	22.88	22.86		
1.4	QPSK	1	5	22.90	22.92	22.84		
1.4	QPSK	3	0	22.92	22.94	22.96		
1.4	QPSK	3	1	22.82	22.93	22.87		
1.4	QPSK	3	3	22.88	22.89	22.83		
1.4	QPSK	6	0	21.85	21.91	21.89	23	1
1.4	16QAM	1	0	21.86	21.88	21.85	23	1
1.4	16QAM	1	3	21.84	21.87	21.82		
1.4	16QAM	1	5	21.86	21.92	21.92		
1.4	16QAM	3	0	21.91	21.97	21.89		
1.4	16QAM	3	1	21.84	21.90	21.81		
1.4	16QAM	3	3	21.86	21.87	21.86		
1.4	16QAM	6	0	20.79	20.91	20.85	22	2
1.4	64QAM	1	0	20.79	20.83	20.80	22	2
1.4	64QAM	1	3	20.67	20.75	20.66		
1.4	64QAM	1	5	20.78	20.86	20.87		
1.4	64QAM	3	0	20.78	20.90	20.87		
1.4	64QAM	3	1	20.84	20.89	20.86		
1.4	64QAM	3	3	20.65	20.84	20.61		
1.4	64QAM	6	0	19.82	19.89	19.75	21	3
1.4	256QAM	1	0	17.74	17.83	17.72	19	5
1.4	256QAM	1	3	17.65	17.89	17.79		
1.4	256QAM	1	5	17.62	17.86	17.72		
1.4	256QAM	3	0	17.73	17.90	17.65		
1.4	256QAM	3	1	17.83	17.87	17.69		
1.4	256QAM	3	3	17.75	17.81	17.89		
1.4	256QAM	6	0	17.58	17.84	17.74	19	5

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	21.56	21.63	21.55	22.5	0
20	QPSK	1	49	21.50	21.57	21.53		
20	QPSK	1	99	21.49	21.58	21.48		
20	QPSK	50	0	20.95	20.98	20.93	21.5	1
20	QPSK	50	24	20.91	20.97	20.92		
20	QPSK	50	50	20.92	20.92	20.89		
20	QPSK	100	0	20.93	20.95	20.91		
20	16QAM	1	0	21.03	21.05	21.02	21.5	1
20	16QAM	1	49	20.89	20.91	20.90		
20	16QAM	1	99	20.92	20.91	20.91		
20	16QAM	50	0	19.90	19.92	19.89	20.5	2
20	16QAM	50	24	19.86	19.87	19.85		
20	16QAM	50	50	19.88	19.85	19.85		
20	16QAM	100	0	19.90	19.91	19.89		
20	64QAM	1	0	19.91	19.93	19.90	20.5	2
20	64QAM	1	49	19.86	19.89	19.86		
20	64QAM	1	99	19.84	19.91	19.83		
20	64QAM	50	0	18.90	18.91	18.89	19.5	3
20	64QAM	50	24	18.83	18.87	18.86		
20	64QAM	50	50	18.84	18.88	18.83		
20	64QAM	100	0	18.87	18.89	18.85		
20	256QAM	1	0	16.93	16.95	16.92	17.5	5
20	256QAM	1	49	16.90	16.90	16.89		
20	256QAM	1	99	16.88	16.91	16.89		
20	256QAM	50	0	16.92	16.95	16.90	17.5	5
20	256QAM	50	24	16.86	16.93	16.91		
20	256QAM	50	50	16.91	16.92	16.88		
20	256QAM	100	0	16.91	16.93	16.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.53	21.61	21.52	22.5	0
15	QPSK	1	37	21.46	21.54	21.52		
15	QPSK	1	74	21.44	21.51	21.45		
15	QPSK	36	0	20.94	20.94	20.92	21.5	1
15	QPSK	36	20	20.90	20.91	20.89		
15	QPSK	36	39	20.89	20.91	20.82		
15	QPSK	75	0	20.87	20.92	20.90		
15	16QAM	1	0	20.96	20.99	21.01	21.5	1
15	16QAM	1	37	20.84	20.90	20.88		
15	16QAM	1	74	20.86	20.86	20.90		
15	16QAM	36	0	19.89	19.90	19.85	20.5	2
15	16QAM	36	20	19.78	19.79	19.84		
15	16QAM	36	39	19.87	19.78	19.75		
15	16QAM	75	0	19.76	19.78	19.81		
15	64QAM	1	0	19.82	19.92	19.89	20.5	2
15	64QAM	1	37	19.74	19.78	19.85		
15	64QAM	1	74	19.82	19.89	19.68		
15	64QAM	36	0	18.85	18.78	18.80	19.5	3
15	64QAM	36	20	18.68	18.81	18.83		
15	64QAM	36	39	18.71	18.79	18.70		
15	64QAM	75	0	18.75	18.82	18.80		
15	256QAM	1	0	16.78	16.87	16.88	17.5	5
15	256QAM	1	37	16.87	16.80	16.83		
15	256QAM	1	74	16.74	16.90	16.80		
15	256QAM	36	0	16.88	16.85	16.80	17.5	5
15	256QAM	36	20	16.85	16.85	16.82		
15	256QAM	36	39	16.77	16.77	16.86		
15	256QAM	75	0	16.89	16.89	16.82		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.51	21.56	21.54	22.5	0
10	QPSK	1	25	21.44	21.52	21.47		
10	QPSK	1	49	21.44	21.56	21.46		
10	QPSK	25	0	20.92	20.95	20.89	21.5	1
10	QPSK	25	12	20.90	20.94	20.90		
10	QPSK	25	25	20.86	20.91	20.84		
10	QPSK	50	0	20.86	20.92	20.87		
10	16QAM	1	0	21.00	21.02	20.98	21.5	1
10	16QAM	1	25	20.87	20.84	20.87		
10	16QAM	1	49	20.83	20.88	20.90		
10	16QAM	25	0	19.82	19.85	19.88	20.5	2
10	16QAM	25	12	19.82	19.79	19.82		
10	16QAM	25	25	19.84	19.70	19.78		
10	16QAM	50	0	19.82	19.80	19.78		
10	64QAM	1	0	19.90	19.85	19.75	20.5	2
10	64QAM	1	25	19.74	19.77	19.80		
10	64QAM	1	49	19.73	19.79	19.77		
10	64QAM	25	0	18.88	18.82	18.87	19.5	3
10	64QAM	25	12	18.76	18.85	18.80		
10	64QAM	25	25	18.73	18.82	18.75		
10	64QAM	50	0	18.78	18.85	18.77		
10	256QAM	1	0	16.91	16.84	16.85	17.5	5
10	256QAM	1	25	16.88	16.89	16.83		
10	256QAM	1	49	16.75	16.76	16.84		
10	256QAM	25	0	16.83	16.82	16.77	17.5	5
10	256QAM	25	12	16.85	16.85	16.89		
10	256QAM	25	25	16.83	16.85	16.75		
10	256QAM	50	0	16.84	16.82	16.85		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.51	21.61	21.53	22.5	0
5	QPSK	1	12	21.49	21.56	21.49		
5	QPSK	1	24	21.45	21.55	21.46		
5	QPSK	12	0	20.90	20.97	20.89	21.5	1
5	QPSK	12	7	20.89	20.90	20.90		
5	QPSK	12	13	20.89	20.91	20.87		
5	QPSK	25	0	20.92	20.88	20.88		
5	16QAM	1	0	20.99	21.00	20.98	21.5	1
5	16QAM	1	12	20.86	20.89	20.83		
5	16QAM	1	24	20.84	20.89	20.83		
5	16QAM	12	0	19.86	19.86	19.86	20.5	2
5	16QAM	12	7	19.77	19.81	19.83		
5	16QAM	12	13	19.77	19.72	19.76		
5	16QAM	25	0	19.75	19.81	19.76		
5	64QAM	1	0	19.87	19.86	19.83	20.5	2
5	64QAM	1	12	19.84	19.88	19.74		
5	64QAM	1	24	19.77	19.90	19.70		
5	64QAM	12	0	18.77	18.79	18.80	19.5	3
5	64QAM	12	7	18.70	18.76	18.85		
5	64QAM	12	13	18.83	18.82	18.71		
5	64QAM	25	0	18.76	18.80	18.79		
5	256QAM	1	0	16.89	16.83	16.78	17.5	5
5	256QAM	1	12	16.75	16.82	16.78		
5	256QAM	1	24	16.86	16.89	16.85		
5	256QAM	12	0	16.78	16.92	16.80	17.5	5
5	256QAM	12	7	16.77	16.87	16.87		
5	256QAM	12	13	16.80	16.78	16.78		
5	256QAM	25	0	16.88	16.81	16.85		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.49	21.61	21.49	22.5	0
3	QPSK	1	8	21.44	21.55	21.47		
3	QPSK	1	14	21.48	21.56	21.44		
3	QPSK	8	0	20.91	20.92	20.89	21.5	1
3	QPSK	8	4	20.84	20.90	20.86		
3	QPSK	8	7	20.85	20.89	20.85		
3	QPSK	15	0	20.90	20.92	20.89		
3	16QAM	1	0	20.97	21.01	20.95	21.5	1
3	16QAM	1	8	20.85	20.86	20.89		
3	16QAM	1	14	20.89	20.85	20.87		
3	16QAM	8	0	19.88	19.83	19.86	20.5	2
3	16QAM	8	4	19.83	19.84	19.81		
3	16QAM	8	7	19.73	19.81	19.80		
3	16QAM	15	0	19.89	19.77	19.86		
3	64QAM	1	0	19.86	19.91	19.83	20.5	2
3	64QAM	1	8	19.80	19.83	19.78		
3	64QAM	1	14	19.74	19.85	19.81		
3	64QAM	8	0	18.78	18.76	18.76	19.5	3
3	64QAM	8	4	18.68	18.81	18.72		
3	64QAM	8	7	18.69	18.75	18.74		
3	64QAM	15	0	18.84	18.87	18.72		
3	256QAM	1	0	16.90	16.94	16.79	17.5	5
3	256QAM	1	8	16.79	16.75	16.79		
3	256QAM	1	14	16.82	16.82	16.75		
3	256QAM	8	0	16.87	16.82	16.75	17.5	5
3	256QAM	8	4	16.71	16.86	16.85		
3	256QAM	8	7	16.90	16.79	16.83		
3	256QAM	15	0	16.83	16.89	16.84		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.55	21.58	21.51	22.5	0
1.4	QPSK	1	3	21.44	21.56	21.52		
1.4	QPSK	1	5	21.46	21.57	21.44		
1.4	QPSK	3	0	21.50	21.59	21.49		
1.4	QPSK	3	1	21.49	21.51	21.51		
1.4	QPSK	3	3	21.44	21.52	21.45		
1.4	QPSK	6	0	20.93	20.96	20.90	21.5	1
1.4	16QAM	1	0	20.88	20.92	20.88	21.5	1
1.4	16QAM	1	3	20.90	20.86	20.84		
1.4	16QAM	1	5	20.88	20.92	20.85		
1.4	16QAM	3	0	21.00	21.04	20.95		
1.4	16QAM	3	1	20.86	20.88	20.88		
1.4	16QAM	3	3	20.86	20.89	20.90		
1.4	16QAM	6	0	19.82	19.85	19.84	20.5	2
1.4	64QAM	1	0	19.85	19.79	19.78	20.5	2
1.4	64QAM	1	3	19.84	19.81	19.70		
1.4	64QAM	1	5	19.82	19.78	19.80		
1.4	64QAM	3	0	19.78	19.83	19.86		
1.4	64QAM	3	1	19.76	19.81	19.85		
1.4	64QAM	3	3	19.70	19.78	19.79		
1.4	64QAM	6	0	18.80	18.82	18.80	19.5	3
1.4	256QAM	1	0	16.84	16.89	16.85	17.5	5
1.4	256QAM	1	3	16.88	16.79	16.75		
1.4	256QAM	1	5	16.81	16.80	16.87		
1.4	256QAM	3	0	16.77	16.81	16.85		
1.4	256QAM	3	1	16.84	16.79	16.88		
1.4	256QAM	3	3	16.82	16.82	16.74		
1.4	256QAM	6	0	16.90	16.85	16.77	17.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.21	23.25	23.23	24	0
20	QPSK	1	49	23.15	23.20	23.13		
20	QPSK	1	99	23.19	23.21	23.15		
20	QPSK	50	0	22.06	22.11	22.08	23	1
20	QPSK	50	24	22.01	22.08	22.02		
20	QPSK	50	50	22.04	22.05	21.99		
20	QPSK	100	0	22.06	22.08	22.06		
20	16QAM	1	0	22.02	22.03	21.98	23	1
20	16QAM	1	49	21.99	22.05	22.03		
20	16QAM	1	99	22.00	22.02	21.96		
20	16QAM	50	0	21.05	21.06	21.03	22	2
20	16QAM	50	24	20.94	21.02	20.98		
20	16QAM	50	50	20.92	20.98	20.89		
20	16QAM	100	0	20.97	21.01	20.89		
20	64QAM	1	0	21.04	21.12	21.09	22	2
20	64QAM	1	49	20.99	21.08	21.05		
20	64QAM	1	99	21.05	21.06	20.99		
20	64QAM	50	0	20.06	20.10	19.98	21	3
20	64QAM	50	24	20.06	20.08	20.03		
20	64QAM	50	50	20.00	20.07	20.06		
20	64QAM	100	0	20.02	20.03	19.93		
20	256QAM	1	0	17.96	18.11	17.96	19	5
20	256QAM	1	49	17.97	18.08	18.02		
20	256QAM	1	99	18.02	18.09	17.96		
20	256QAM	50	0	18.01	18.03	18.00	19	5
20	256QAM	50	24	17.92	18.05	17.95		
20	256QAM	50	50	17.90	18.02	17.96		
20	256QAM	100	0	18.02	18.06	17.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.15	23.21	23.16	24	0
15	QPSK	1	37	23.09	23.17	23.11		
15	QPSK	1	74	23.15	23.17	23.10		
15	QPSK	36	0	21.99	22.08	22.06	23	1
15	QPSK	36	20	21.97	22.02	21.97		
15	QPSK	36	39	22.01	22.01	21.97		
15	QPSK	75	0	21.99	22.06	22.05		
15	16QAM	1	0	21.99	21.96	21.97	23	1
15	16QAM	1	37	21.98	21.98	22.02		
15	16QAM	1	74	21.99	21.97	21.94		
15	16QAM	36	0	21.03	20.99	21.00	22	2
15	16QAM	36	20	20.85	20.98	20.96		
15	16QAM	36	39	20.85	20.88	20.82		
15	16QAM	75	0	20.86	20.94	20.74		
15	64QAM	1	0	21.00	20.99	21.08	22	2
15	64QAM	1	37	20.95	20.93	21.01		
15	64QAM	1	74	20.96	21.00	20.87		
15	64QAM	36	0	19.92	19.97	19.87	21	3
15	64QAM	36	20	20.02	19.97	19.99		
15	64QAM	36	39	19.92	19.94	20.03		
15	64QAM	75	0	19.98	20.00	19.88		
15	256QAM	1	0	17.84	18.01	17.83	19	5
15	256QAM	1	37	17.85	18.00	17.96		
15	256QAM	1	74	17.99	18.05	17.85		
15	256QAM	36	0	17.94	17.94	17.97	19	5
15	256QAM	36	20	17.90	18.03	17.85		
15	256QAM	36	39	17.80	17.99	17.88		
15	256QAM	75	0	17.99	17.99	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.18	23.18	23.21	24	0
10	QPSK	1	25	23.11	23.19	23.06		
10	QPSK	1	49	23.18	23.20	23.12		
10	QPSK	25	0	22.05	22.07	22.03	23	1
10	QPSK	25	12	21.94	22.03	22.01		
10	QPSK	25	25	22.01	21.98	21.92		
10	QPSK	50	0	22.01	22.01	22.05		
10	16QAM	1	0	21.99	21.98	21.96	23	1
10	16QAM	1	25	21.93	22.01	21.99		
10	16QAM	1	49	21.92	21.93	21.94		
10	16QAM	25	0	21.03	20.97	20.94	22	2
10	16QAM	25	12	20.87	20.99	20.90		
10	16QAM	25	25	20.83	20.93	20.78		
10	16QAM	50	0	20.88	20.86	20.83		
10	64QAM	1	0	20.98	21.03	21.07	22	2
10	64QAM	1	25	20.87	20.99	20.94		
10	64QAM	1	49	21.04	20.99	20.91		
10	64QAM	25	0	19.92	19.95	19.95	21	3
10	64QAM	25	12	19.99	20.05	20.02		
10	64QAM	25	25	19.85	20.02	19.95		
10	64QAM	50	0	19.92	19.94	19.88		
10	256QAM	1	0	17.91	18.10	17.93	19	5
10	256QAM	1	25	17.93	18.04	17.94		
10	256QAM	1	49	17.88	18.01	17.87		
10	256QAM	25	0	17.94	17.88	17.91	19	5
10	256QAM	25	12	17.91	17.98	17.93		
10	256QAM	25	25	17.87	17.89	17.87		
10	256QAM	50	0	17.92	17.99	17.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.18	23.19	23.17	24	0
5	QPSK	1	12	23.11	23.18	23.12		
5	QPSK	1	24	23.14	23.14	23.11		
5	QPSK	12	0	22.03	22.05	22.06	23	1
5	QPSK	12	7	21.96	22.06	22.01		
5	QPSK	12	13	21.99	22.04	21.92		
5	QPSK	25	0	21.99	22.07	22.04		
5	16QAM	1	0	21.95	21.98	21.92	23	1
5	16QAM	1	12	21.93	21.99	22.00		
5	16QAM	1	24	21.99	22.00	21.88		
5	16QAM	12	0	21.01	20.99	20.99	22	2
5	16QAM	12	7	20.89	20.94	20.89		
5	16QAM	12	13	20.80	20.94	20.81		
5	16QAM	25	0	20.96	20.99	20.87		
5	64QAM	1	0	20.90	21.04	21.06	22	2
5	64QAM	1	12	20.90	21.06	20.96		
5	64QAM	1	24	21.00	20.99	20.88		
5	64QAM	12	0	19.92	19.98	19.90	21	3
5	64QAM	12	7	20.02	20.07	19.91		
5	64QAM	12	13	19.91	20.01	19.99		
5	64QAM	25	0	19.95	19.91	19.83		
5	256QAM	1	0	17.89	17.96	17.93	19	5
5	256QAM	1	12	17.84	18.05	17.93		
5	256QAM	1	24	17.96	17.96	17.91		
5	256QAM	12	0	17.98	17.88	17.92	19	5
5	256QAM	12	7	17.77	17.91	17.92		
5	256QAM	12	13	17.83	17.94	17.94		
5	256QAM	25	0	17.88	17.98	17.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.19	23.23	23.22	24	0
3	QPSK	1	8	23.13	23.19	23.09		
3	QPSK	1	14	23.12	23.14	23.11		
3	QPSK	8	0	21.99	22.06	22.02	23	1
3	QPSK	8	4	21.98	22.02	22.00		
3	QPSK	8	7	22.01	21.98	21.94		
3	QPSK	15	0	22.02	22.01	22.05		
3	16QAM	1	0	22.00	22.01	21.95	23	1
3	16QAM	1	8	21.98	22.02	21.96		
3	16QAM	1	14	21.91	22.01	21.93		
3	16QAM	8	0	20.98	20.97	21.02	22	2
3	16QAM	8	4	20.87	21.01	20.89		
3	16QAM	8	7	20.79	20.87	20.82		
3	16QAM	15	0	20.83	20.95	20.77		
3	64QAM	1	0	21.03	21.09	21.07	22	2
3	64QAM	1	8	20.85	20.99	21.01		
3	64QAM	1	14	20.92	20.98	20.94		
3	64QAM	8	0	20.00	19.97	19.92	21	3
3	64QAM	8	4	20.01	20.03	19.92		
3	64QAM	8	7	19.87	19.94	20.03		
3	64QAM	15	0	19.92	19.91	19.81		
3	256QAM	1	0	17.81	18.07	17.95	19	5
3	256QAM	1	8	17.90	18.05	18.01		
3	256QAM	1	14	17.94	18.05	17.84		
3	256QAM	8	0	17.86	17.92	17.94	19	5
3	256QAM	8	4	17.87	17.96	17.85		
3	256QAM	8	7	17.75	17.95	17.87		
3	256QAM	15	0	17.89	17.94	17.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.15	23.21	23.17	24	0
1.4	QPSK	1	3	23.10	23.15	23.08		
1.4	QPSK	1	5	23.17	23.19	23.10		
1.4	QPSK	3	0	23.15	23.22	23.19		
1.4	QPSK	3	1	23.08	23.14	23.11		
1.4	QPSK	3	3	23.14	23.16	23.10		
1.4	QPSK	6	0	22.04	22.10	22.04	23	1
1.4	16QAM	1	0	21.97	22.03	21.95	23	1
1.4	16QAM	1	3	21.98	22.02	21.94		
1.4	16QAM	1	5	22.05	22.05	22.00		
1.4	16QAM	3	0	22.01	21.98	21.92		
1.4	16QAM	3	1	21.96	21.98	22.01		
1.4	16QAM	3	3	21.94	21.94	21.91		
1.4	16QAM	6	0	21.01	21.05	21.01	22	2
1.4	64QAM	1	0	20.92	20.98	20.91	22	2
1.4	64QAM	1	3	20.78	20.97	20.83		
1.4	64QAM	1	5	20.95	20.91	20.74		
1.4	64QAM	3	0	20.90	21.00	20.95		
1.4	64QAM	3	1	20.87	21.07	20.96		
1.4	64QAM	3	3	21.01	20.96	20.92		
1.4	64QAM	6	0	19.96	19.98	19.86	21	3
1.4	256QAM	1	0	17.91	18.10	17.82	19	5
1.4	256QAM	1	3	17.89	17.97	18.01		
1.4	256QAM	1	5	17.93	18.04	17.92		
1.4	256QAM	3	0	17.86	18.01	17.98		
1.4	256QAM	3	1	17.90	17.95	17.91		
1.4	256QAM	3	3	17.75	17.90	17.94		
1.4	256QAM	6	0	17.92	18.01	17.79	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.06	22.08	22.05	23	0
20	QPSK	1	49	22.00	22.03	21.98		
20	QPSK	1	99	21.99	22.06	22.01		
20	QPSK	50	0	21.43	21.45	21.42	22	1
20	QPSK	50	24	21.39	21.40	21.39		
20	QPSK	50	50	21.41	21.41	21.39		
20	QPSK	100	0	21.41	21.42	21.40		
20	16QAM	1	0	21.42	21.38	21.36	22	1
20	16QAM	1	49	21.36	21.44	21.39		
20	16QAM	1	99	21.40	21.42	21.35		
20	16QAM	50	0	20.41	20.43	20.40	21	2
20	16QAM	50	24	20.38	20.41	20.33		
20	16QAM	50	50	20.40	20.36	20.37		
20	16QAM	100	0	20.38	20.37	20.39		
20	64QAM	1	0	20.37	20.37	20.35	21	2
20	64QAM	1	49	20.35	20.37	20.34		
20	64QAM	1	99	20.38	20.42	20.33		
20	64QAM	50	0	19.40	19.42	19.38	20	3
20	64QAM	50	24	19.33	19.39	19.37		
20	64QAM	50	50	19.38	19.40	19.31		
20	64QAM	100	0	19.33	19.40	19.36		
20	256QAM	1	0	17.37	17.38	17.36	18	5
20	256QAM	1	49	17.32	17.38	17.31		
20	256QAM	1	99	17.36	17.37	17.30		
20	256QAM	50	0	17.39	17.41	17.37	18	5
20	256QAM	50	24	17.38	17.36	17.33		
20	256QAM	50	50	17.35	17.34	17.30		
20	256QAM	100	0	17.37	17.34	17.32		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.03	22.07	22.02	23	0
15	QPSK	1	37	21.93	22.02	21.95		
15	QPSK	1	74	21.98	22.03	21.99		
15	QPSK	36	0	21.37	21.42	21.35	22	1
15	QPSK	36	20	21.35	21.39	21.35		
15	QPSK	36	39	21.40	21.38	21.36		
15	QPSK	75	0	21.34	21.39	21.36		
15	16QAM	1	0	21.39	21.36	21.32	22	1
15	16QAM	1	37	21.33	21.38	21.36		
15	16QAM	1	74	21.32	21.39	21.29		
15	16QAM	36	0	20.37	20.35	20.33	21	2
15	16QAM	36	20	20.32	20.39	20.29		
15	16QAM	36	39	20.37	20.23	20.29		
15	16QAM	75	0	20.37	20.23	20.24		
15	64QAM	1	0	20.24	20.22	20.28	21	2
15	64QAM	1	37	20.33	20.22	20.29		
15	64QAM	1	74	20.23	20.34	20.19		
15	64QAM	36	0	19.30	19.38	19.31	20	3
15	64QAM	36	20	19.29	19.27	19.32		
15	64QAM	36	39	19.28	19.35	19.20		
15	64QAM	75	0	19.29	19.34	19.32		
15	256QAM	1	0	17.33	17.33	17.27	18	5
15	256QAM	1	37	17.31	17.33	17.26		
15	256QAM	1	74	17.32	17.34	17.23		
15	256QAM	36	0	17.28	17.27	17.22	18	5
15	256QAM	36	20	17.28	17.28	17.26		
15	256QAM	36	39	17.25	17.25	17.21		
15	256QAM	75	0	17.24	17.21	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.01	22.01	22.02	23	0
10	QPSK	1	25	21.95	21.97	21.91		
10	QPSK	1	49	21.94	22.05	22.00		
10	QPSK	25	0	21.36	21.44	21.39	22	1
10	QPSK	25	12	21.38	21.36	21.32		
10	QPSK	25	25	21.34	21.40	21.38		
10	QPSK	50	0	21.34	21.39	21.33		
10	16QAM	1	0	21.37	21.35	21.30	22	1
10	16QAM	1	25	21.29	21.39	21.38		
10	16QAM	1	49	21.39	21.37	21.33		
10	16QAM	25	0	20.38	20.36	20.35	21	2
10	16QAM	25	12	20.29	20.32	20.26		
10	16QAM	25	25	20.27	20.25	20.32		
10	16QAM	50	0	20.25	20.23	20.28		
10	64QAM	1	0	20.35	20.22	20.29	21	2
10	64QAM	1	25	20.25	20.27	20.22		
10	64QAM	1	49	20.37	20.37	20.29		
10	64QAM	25	0	19.31	19.36	19.27	20	3
10	64QAM	25	12	19.29	19.34	19.35		
10	64QAM	25	25	19.29	19.31	19.20		
10	64QAM	50	0	19.27	19.26	19.35		
10	256QAM	1	0	17.24	17.23	17.34	18	5
10	256QAM	1	25	17.20	17.29	17.27		
10	256QAM	1	49	17.28	17.31	17.27		
10	256QAM	25	0	17.32	17.40	17.35	18	5
10	256QAM	25	12	17.25	17.21	17.20		
10	256QAM	25	25	17.26	17.28	17.23		
10	256QAM	50	0	17.26	17.19	17.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.00	22.06	22.02	23	0
5	QPSK	1	12	21.94	21.98	21.97		
5	QPSK	1	24	21.93	22.04	21.98		
5	QPSK	12	0	21.42	21.44	21.38	22	1
5	QPSK	12	7	21.36	21.33	21.32		
5	QPSK	12	13	21.39	21.38	21.32		
5	QPSK	25	0	21.39	21.37	21.33		
5	16QAM	1	0	21.41	21.36	21.35	22	1
5	16QAM	1	12	21.31	21.37	21.38		
5	16QAM	1	24	21.34	21.40	21.33		
5	16QAM	12	0	20.33	20.37	20.38	21	2
5	16QAM	12	7	20.30	20.39	20.25		
5	16QAM	12	13	20.33	20.34	20.28		
5	16QAM	25	0	20.30	20.29	20.26		
5	64QAM	1	0	20.31	20.32	20.30	21	2
5	64QAM	1	12	20.27	20.30	20.23		
5	64QAM	1	24	20.28	20.39	20.27		
5	64QAM	12	0	19.30	19.39	19.27	20	3
5	64QAM	12	7	19.28	19.38	19.34		
5	64QAM	12	13	19.33	19.25	19.20		
5	64QAM	25	0	19.29	19.25	19.22		
5	256QAM	1	0	17.23	17.25	17.33	18	5
5	256QAM	1	12	17.26	17.34	17.16		
5	256QAM	1	24	17.24	17.29	17.19		
5	256QAM	12	0	17.37	17.30	17.36	18	5
5	256QAM	12	7	17.29	17.25	17.18		
5	256QAM	12	13	17.25	17.29	17.25		
5	256QAM	25	0	17.26	17.27	17.17		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.04	22.04	22.02	23	0
3	QPSK	1	8	21.95	21.99	21.94		
3	QPSK	1	14	21.94	22.00	21.97		
3	QPSK	8	0	21.39	21.43	21.40	22	1
3	QPSK	8	4	21.32	21.34	21.35		
3	QPSK	8	7	21.38	21.39	21.32		
3	QPSK	15	0	21.36	21.41	21.34		
3	16QAM	1	0	21.41	21.37	21.32	22	1
3	16QAM	1	8	21.29	21.40	21.37		
3	16QAM	1	14	21.38	21.37	21.32		
3	16QAM	8	0	20.33	20.38	20.36	21	2
3	16QAM	8	4	20.35	20.33	20.24		
3	16QAM	8	7	20.35	20.33	20.22		
3	16QAM	15	0	20.32	20.25	20.26		
3	64QAM	1	0	20.33	20.31	20.22	21	2
3	64QAM	1	8	20.29	20.22	20.23		
3	64QAM	1	14	20.31	20.30	20.32		
3	64QAM	8	0	19.38	19.35	19.30	20	3
3	64QAM	8	4	19.29	19.36	19.29		
3	64QAM	8	7	19.35	19.38	19.21		
3	64QAM	15	0	19.24	19.27	19.23		
3	256QAM	1	0	17.34	17.34	17.25	18	5
3	256QAM	1	8	17.22	17.31	17.19		
3	256QAM	1	14	17.28	17.23	17.23		
3	256QAM	8	0	17.35	17.34	17.34	18	5
3	256QAM	8	4	17.23	17.24	17.28		
3	256QAM	8	7	17.31	17.28	17.26		
3	256QAM	15	0	17.25	17.30	17.28		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.00	22.01	22.00	23	0
1.4	QPSK	1	3	21.94	22.01	21.94		
1.4	QPSK	1	5	21.94	22.00	22.00		
1.4	QPSK	3	0	22.02	22.01	22.03		
1.4	QPSK	3	1	21.97	22.01	21.97		
1.4	QPSK	3	3	21.96	21.99	21.96		
1.4	QPSK	6	0	21.38	21.42	21.40	22	1
1.4	16QAM	1	0	21.34	21.36	21.37	22	1
1.4	16QAM	1	3	21.35	21.38	21.36		
1.4	16QAM	1	5	21.37	21.36	21.37		
1.4	16QAM	3	0	21.38	21.36	21.31		
1.4	16QAM	3	1	21.29	21.38	21.37		
1.4	16QAM	3	3	21.37	21.34	21.31		
1.4	16QAM	6	0	20.35	20.34	20.35	21	2
1.4	64QAM	1	0	20.37	20.32	20.28	21	2
1.4	64QAM	1	3	20.37	20.33	20.36		
1.4	64QAM	1	5	20.25	20.35	20.30		
1.4	64QAM	3	0	20.29	20.23	20.23		
1.4	64QAM	3	1	20.31	20.26	20.22		
1.4	64QAM	3	3	20.32	20.38	20.24		
1.4	64QAM	6	0	19.31	19.35	19.26	20	3
1.4	256QAM	1	0	17.25	17.33	17.23	18	5
1.4	256QAM	1	3	17.19	17.32	17.17		
1.4	256QAM	1	5	17.33	17.29	17.19		
1.4	256QAM	3	0	17.32	17.28	17.29		
1.4	256QAM	3	1	17.30	17.22	17.31		
1.4	256QAM	3	3	17.34	17.26	17.18		
1.4	256QAM	6	0	17.33	17.26	17.17	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.36	23.41	23.38	24	0
10	QPSK	1	25	23.33	23.38	23.36		
10	QPSK	1	49	23.29	23.35	23.32		
10	QPSK	25	0	22.35	22.40	22.36	23	1
10	QPSK	25	12	22.31	22.38	22.35		
10	QPSK	25	25	22.29	22.35	22.31		
10	QPSK	50	0	22.31	22.37	22.32		
10	16QAM	1	0	22.28	22.37	22.32	23	1
10	16QAM	1	25	22.28	22.37	22.30		
10	16QAM	1	49	22.31	22.39	22.33		
10	16QAM	25	0	21.38	21.42	21.40	22	2
10	16QAM	25	12	21.37	21.40	21.38		
10	16QAM	25	25	21.31	21.37	21.38		
10	16QAM	50	0	21.33	21.41	21.38		
10	64QAM	1	0	21.32	21.41	21.36	22	2
10	64QAM	1	25	21.31	21.35	21.38		
10	64QAM	1	49	21.34	21.37	21.34		
10	64QAM	25	0	20.38	20.43	20.40	21	3
10	64QAM	25	12	20.34	20.39	20.33		
10	64QAM	25	25	20.31	20.42	20.38		
10	64QAM	50	0	20.32	20.42	20.33		
10	256QAM	1	0	18.37	18.38	18.39	19	5
10	256QAM	1	25	18.33	18.37	18.39		
10	256QAM	1	49	18.33	18.37	18.35		
10	256QAM	25	0	18.38	18.42	18.40	19	5
10	256QAM	25	12	18.37	18.37	18.33		
10	256QAM	25	25	18.37	18.41	18.36		
10	256QAM	50	0	18.31	18.35	18.36		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.34	23.36	24	0
5	QPSK	1	12	23.26	23.34	23.31		
5	QPSK	1	24	23.25	23.32	23.28		
5	QPSK	12	0	22.30	22.39	22.35	23	1
5	QPSK	12	7	22.29	22.32	22.34		
5	QPSK	12	13	22.28	22.28	22.28		
5	QPSK	25	0	22.27	22.33	22.31		
5	16QAM	1	0	22.26	22.35	22.26	23	1
5	16QAM	1	12	22.27	22.31	22.26		
5	16QAM	1	24	22.24	22.35	22.28		
5	16QAM	12	0	21.34	21.33	21.38	22	2
5	16QAM	12	7	21.35	21.33	21.34		
5	16QAM	12	13	21.26	21.34	21.30		
5	16QAM	25	0	21.20	21.32	21.33		
5	64QAM	1	0	21.23	21.40	21.34	22	2
5	64QAM	1	12	21.19	21.34	21.23		
5	64QAM	1	24	21.26	21.31	21.19		
5	64QAM	12	0	20.31	20.38	20.31	21	3
5	64QAM	12	7	20.22	20.35	20.21		
5	64QAM	12	13	20.19	20.38	20.28		
5	64QAM	25	0	20.26	20.29	20.25		
5	256QAM	1	0	18.23	18.32	18.38	19	5
5	256QAM	1	12	18.21	18.30	18.25		
5	256QAM	1	24	18.24	18.22	18.22		
5	256QAM	12	0	18.33	18.39	18.27	19	5
5	256QAM	12	7	18.32	18.36	18.31		
5	256QAM	12	13	18.31	18.29	18.30		
5	256QAM	25	0	18.27	18.27	18.25		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.33	23.37	23.34	24	0
3	QPSK	1	8	23.29	23.33	23.35		
3	QPSK	1	14	23.22	23.30	23.30		
3	QPSK	8	0	22.29	22.33	22.32	23	1
3	QPSK	8	4	22.26	22.31	22.34		
3	QPSK	8	7	22.22	22.33	22.28		
3	QPSK	15	0	22.25	22.32	22.27		
3	16QAM	1	0	22.25	22.32	22.27	23	1
3	16QAM	1	8	22.26	22.32	22.28		
3	16QAM	1	14	22.25	22.31	22.30		
3	16QAM	8	0	21.29	21.36	21.33	22	2
3	16QAM	8	4	21.31	21.31	21.35		
3	16QAM	8	7	21.22	21.35	21.30		
3	16QAM	15	0	21.32	21.38	21.30		
3	64QAM	1	0	21.27	21.35	21.30	22	2
3	64QAM	1	8	21.23	21.23	21.26		
3	64QAM	1	14	21.20	21.29	21.20		
3	64QAM	8	0	20.34	20.40	20.30	21	3
3	64QAM	8	4	20.21	20.38	20.24		
3	64QAM	8	7	20.30	20.32	20.23		
3	64QAM	15	0	20.21	20.32	20.27		
3	256QAM	1	0	18.33	18.34	18.28	19	5
3	256QAM	1	8	18.29	18.34	18.35		
3	256QAM	1	14	18.31	18.32	18.28		
3	256QAM	8	0	18.32	18.27	18.26	19	5
3	256QAM	8	4	18.32	18.32	18.30		
3	256QAM	8	7	18.26	18.39	18.23		
3	256QAM	15	0	18.29	18.25	18.32		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.33	23.36	23.36	24	0
1.4	QPSK	1	3	23.32	23.35	23.31		
1.4	QPSK	1	5	23.24	23.32	23.25		
1.4	QPSK	3	0	23.32	23.40	23.32		
1.4	QPSK	3	1	23.26	23.37	23.34		
1.4	QPSK	3	3	23.26	23.31	23.31		
1.4	QPSK	6	0	22.30	22.37	22.35	23	1
1.4	16QAM	1	0	22.27	22.31	22.28	23	1
1.4	16QAM	1	3	22.25	22.32	22.28		
1.4	16QAM	1	5	22.30	22.36	22.31		
1.4	16QAM	3	0	22.25	22.35	22.25		
1.4	16QAM	3	1	22.25	22.33	22.29		
1.4	16QAM	3	3	22.29	22.37	22.29		
1.4	16QAM	6	0	21.35	21.38	21.32	22	2
1.4	64QAM	1	0	21.35	21.37	21.36	22	2
1.4	64QAM	1	3	21.27	21.34	21.26		
1.4	64QAM	1	5	21.23	21.35	21.24		
1.4	64QAM	3	0	21.20	21.32	21.27		
1.4	64QAM	3	1	21.25	21.25	21.25		
1.4	64QAM	3	3	21.27	21.23	21.21		
1.4	64QAM	6	0	20.30	20.40	20.34	21	3
1.4	256QAM	1	0	18.23	18.31	18.24	19	5
1.4	256QAM	1	3	18.23	18.30	18.35		
1.4	256QAM	1	5	18.29	18.25	18.27		
1.4	256QAM	3	0	18.35	18.32	18.31		
1.4	256QAM	3	1	18.29	18.26	18.27		
1.4	256QAM	3	3	18.27	18.28	18.30		
1.4	256QAM	6	0	18.20	18.20	18.21	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.88	22.90	22.87	24	0
10	QPSK	1	25	22.82	22.87	22.81		
10	QPSK	1	49	22.83	22.87	22.81		
10	QPSK	25	0	21.85	21.86	21.83	23	1
10	QPSK	25	12	21.84	21.83	21.79		
10	QPSK	25	25	21.82	21.84	21.78		
10	QPSK	50	0	21.83	21.85	21.81		
10	16QAM	1	0	21.79	21.80	21.79	23	1
10	16QAM	1	25	21.80	21.84	21.81		
10	16QAM	1	49	21.83	21.81	21.80		
10	16QAM	25	0	20.80	20.83	20.78	22	2
10	16QAM	25	12	20.75	20.81	20.71		
10	16QAM	25	25	20.74	20.80	20.74		
10	16QAM	50	0	20.74	20.76	20.76		
10	64QAM	1	0	20.75	20.77	20.77	22	2
10	64QAM	1	25	20.79	20.81	20.72		
10	64QAM	1	49	20.76	20.81	20.72		
10	64QAM	25	0	19.80	19.81	19.78	21	3
10	64QAM	25	12	19.74	19.78	19.74		
10	64QAM	25	25	19.73	19.75	19.71		
10	64QAM	50	0	19.76	19.78	19.73		
10	256QAM	1	0	17.74	17.78	17.75	19	5
10	256QAM	1	25	17.77	17.77	17.75		
10	256QAM	1	49	17.74	17.78	17.75		
10	256QAM	25	0	17.78	17.80	17.77	19	5
10	256QAM	25	12	17.72	17.76	17.73		
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.75	17.73	17.72		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.87	22.89	22.80	24	0
5	QPSK	1	12	22.76	22.84	22.78		
5	QPSK	1	24	22.78	22.85	22.79		
5	QPSK	12	0	21.83	21.81	21.78	23	1
5	QPSK	12	7	21.81	21.77	21.74		
5	QPSK	12	13	21.81	21.82	21.77		
5	QPSK	25	0	21.81	21.78	21.76		
5	16QAM	1	0	21.77	21.74	21.73	23	1
5	16QAM	1	12	21.77	21.80	21.75		
5	16QAM	1	24	21.82	21.79	21.75		
5	16QAM	12	0	20.75	20.82	20.77	22	2
5	16QAM	12	7	20.74	20.77	20.63		
5	16QAM	12	13	20.69	20.66	20.62		
5	16QAM	25	0	20.62	20.70	20.64		
5	64QAM	1	0	20.60	20.75	20.68	22	2
5	64QAM	1	12	20.72	20.68	20.69		
5	64QAM	1	24	20.75	20.78	20.70		
5	64QAM	12	0	19.72	19.75	19.73	21	3
5	64QAM	12	7	19.65	19.65	19.59		
5	64QAM	12	13	19.69	19.63	19.68		
5	64QAM	25	0	19.67	19.74	19.68		
5	256QAM	1	0	17.72	17.66	17.66	19	5
5	256QAM	1	12	17.75	17.67	17.62		
5	256QAM	1	24	17.60	17.70	17.71		
5	256QAM	12	0	17.69	17.70	17.62	19	5
5	256QAM	12	7	17.62	17.65	17.60		
5	256QAM	12	13	17.67	17.77	17.58		
5	256QAM	25	0	17.66	17.66	17.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.87	22.89	22.84	24	0
3	QPSK	1	8	22.76	22.80	22.79		
3	QPSK	1	14	22.80	22.81	22.78		
3	QPSK	8	0	21.81	21.79	21.77	23	1
3	QPSK	8	4	21.82	21.81	21.74		
3	QPSK	8	7	21.81	21.83	21.74		
3	QPSK	15	0	21.79	21.79	21.74		
3	16QAM	1	0	21.76	21.73	21.74	23	1
3	16QAM	1	8	21.75	21.80	21.78		
3	16QAM	1	14	21.80	21.73	21.79		
3	16QAM	8	0	20.74	20.78	20.70	22	2
3	16QAM	8	4	20.69	20.76	20.63		
3	16QAM	8	7	20.59	20.73	20.64		
3	16QAM	15	0	20.71	20.74	20.63		
3	64QAM	1	0	20.74	20.64	20.68	22	2
3	64QAM	1	8	20.71	20.68	20.58		
3	64QAM	1	14	20.64	20.72	20.67		
3	64QAM	8	0	19.73	19.67	19.74	21	3
3	64QAM	8	4	19.69	19.63	19.63		
3	64QAM	8	7	19.70	19.60	19.69		
3	64QAM	15	0	19.68	19.71	19.65		
3	256QAM	1	0	17.60	17.71	17.73	19	5
3	256QAM	1	8	17.75	17.68	17.69		
3	256QAM	1	14	17.69	17.67	17.69		
3	256QAM	8	0	17.67	17.66	17.69	19	5
3	256QAM	8	4	17.60	17.71	17.68		
3	256QAM	8	7	17.66	17.67	17.60		
3	256QAM	15	0	17.67	17.71	17.62		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.85	22.87	22.80	24	0
1.4	QPSK	1	3	22.80	22.84	22.78		
1.4	QPSK	1	5	22.79	22.84	22.80		
1.4	QPSK	3	0	22.85	22.87	22.82		
1.4	QPSK	3	1	22.81	22.83	22.76		
1.4	QPSK	3	3	22.81	22.80	22.80		
1.4	QPSK	6	0	21.80	21.79	21.79	23	1
1.4	16QAM	1	0	21.77	21.79	21.77	23	1
1.4	16QAM	1	3	21.79	21.82	21.75		
1.4	16QAM	1	5	21.76	21.79	21.74		
1.4	16QAM	3	0	21.75	21.75	21.78		
1.4	16QAM	3	1	21.79	21.80	21.78		
1.4	16QAM	3	3	21.82	21.77	21.72		
1.4	16QAM	6	0	20.77	20.74	20.73	22	2
1.4	64QAM	1	0	20.66	20.78	20.62	22	2
1.4	64QAM	1	3	20.65	20.73	20.69		
1.4	64QAM	1	5	20.64	20.62	20.70		
1.4	64QAM	3	0	20.65	20.75	20.70		
1.4	64QAM	3	1	20.78	20.66	20.66		
1.4	64QAM	3	3	20.63	20.75	20.62		
1.4	64QAM	6	0	19.68	19.77	19.75	21	3
1.4	256QAM	1	0	17.60	17.68	17.65	19	5
1.4	256QAM	1	3	17.69	17.63	17.64		
1.4	256QAM	1	5	17.65	17.72	17.72		
1.4	256QAM	3	0	17.65	17.65	17.68		
1.4	256QAM	3	1	17.69	17.72	17.58		
1.4	256QAM	3	3	17.65	17.69	17.66		
1.4	256QAM	6	0	17.67	17.65	17.69	19	5

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.88	23.35	23.33	24	0
20	QPSK	1	49	22.86	23.29	23.30		
20	QPSK	1	99	22.87	23.34	23.29		
20	QPSK	50	0	21.85	22.23	22.21	23	1
20	QPSK	50	24	21.79	22.20	22.15		
20	QPSK	50	50	21.82	22.18	22.20		
20	QPSK	100	0	21.83	22.20	22.18		
20	16QAM	1	0	22.22	22.29	22.23	23	1
20	16QAM	1	49	22.22	22.25	22.19		
20	16QAM	1	99	22.14	22.18	22.12		
20	16QAM	50	0	21.17	21.23	21.21	22	2
20	16QAM	50	24	21.10	21.11	21.05		
20	16QAM	50	50	21.13	21.15	21.12		
20	16QAM	100	0	21.11	21.18	21.13		
20	64QAM	1	0	21.28	21.35	21.32	22	2
20	64QAM	1	49	21.21	21.25	21.19		
20	64QAM	1	99	21.18	21.23	21.18		
20	64QAM	50	0	20.19	20.22	20.18	21	3
20	64QAM	50	24	20.06	20.15	20.07		
20	64QAM	50	50	20.17	20.18	20.08		
20	64QAM	100	0	20.11	20.13	20.05		
20	256QAM	1	0	18.08	18.21	18.12	19	5
20	256QAM	1	49	18.09	18.18	18.05		
20	256QAM	1	99	18.11	18.15	18.10		
20	256QAM	50	0	18.11	18.20	18.08	19	5
20	256QAM	50	24	18.03	18.11	17.98		
20	256QAM	50	50	17.98	18.13	18.00		
20	256QAM	100	0	18.00	18.15	18.10		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.87	23.29	23.29	24	0
15	QPSK	1	37	22.81	23.24	23.24		
15	QPSK	1	74	22.85	23.29	23.25		
15	QPSK	36	0	21.79	22.16	22.18	23	1
15	QPSK	36	20	21.73	22.18	22.11		
15	QPSK	36	39	21.78	22.13	22.14		
15	QPSK	75	0	21.76	22.15	22.15		
15	16QAM	1	0	22.19	22.27	22.22	23	1
15	16QAM	1	37	22.15	22.18	22.18		
15	16QAM	1	74	22.09	22.12	22.04		
15	16QAM	36	0	21.10	21.17	21.13	22	2
15	16QAM	36	20	21.01	21.09	21.02		
15	16QAM	36	39	21.04	21.08	21.01		
15	16QAM	75	0	21.05	21.03	21.02		
15	64QAM	1	0	21.16	21.34	21.20	22	2
15	64QAM	1	37	21.11	21.21	21.14		
15	64QAM	1	74	21.17	21.09	21.03		
15	64QAM	36	0	20.09	20.11	20.14	21	3
15	64QAM	36	20	20.01	20.12	20.06		
15	64QAM	36	39	20.03	20.13	19.98		
15	64QAM	75	0	20.05	19.99	19.99		
15	256QAM	1	0	17.96	18.15	18.08	19	5
15	256QAM	1	37	18.02	18.11	17.95		
15	256QAM	1	74	18.04	18.12	18.00		
15	256QAM	36	0	17.99	18.05	17.98	19	5
15	256QAM	36	20	17.99	18.02	17.90		
15	256QAM	36	39	17.90	17.99	17.87		
15	256QAM	75	0	17.95	18.09	17.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.83	23.29	23.29	24	0
10	QPSK	1	25	22.82	23.23	23.28		
10	QPSK	1	49	22.84	23.32	23.26		
10	QPSK	25	0	21.80	22.17	22.17	23	1
10	QPSK	25	12	21.73	22.19	22.13		
10	QPSK	25	25	21.77	22.16	22.19		
10	QPSK	50	0	21.80	22.14	22.15		
10	16QAM	1	0	22.16	22.27	22.19	23	1
10	16QAM	1	25	22.17	22.19	22.18		
10	16QAM	1	49	22.13	22.14	22.08		
10	16QAM	25	0	21.16	21.14	21.13	22	2
10	16QAM	25	12	21.05	21.08	20.98		
10	16QAM	25	25	21.07	21.04	21.08		
10	16QAM	50	0	21.04	21.15	21.05		
10	64QAM	1	0	21.27	21.34	21.28	22	2
10	64QAM	1	25	21.06	21.17	21.06		
10	64QAM	1	49	21.06	21.12	21.15		
10	64QAM	25	0	20.15	20.16	20.12	21	3
10	64QAM	25	12	20.03	20.09	20.03		
10	64QAM	25	25	20.08	20.11	19.97		
10	64QAM	50	0	20.07	20.10	19.94		
10	256QAM	1	0	17.99	18.11	18.02	19	5
10	256QAM	1	25	17.94	18.06	17.99		
10	256QAM	1	49	18.02	18.10	18.01		
10	256QAM	25	0	17.99	18.10	17.99	19	5
10	256QAM	25	12	17.92	18.03	17.94		
10	256QAM	25	25	17.93	18.04	17.85		
10	256QAM	50	0	17.85	18.10	18.01		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.84	23.29	23.26	24	0
5	QPSK	1	12	22.81	23.27	23.26		
5	QPSK	1	24	22.82	23.29	23.24		
5	QPSK	12	0	21.81	22.16	22.16	23	1
5	QPSK	12	7	21.75	22.14	22.10		
5	QPSK	12	13	21.78	22.17	22.13		
5	QPSK	25	0	21.80	22.13	22.12		
5	16QAM	1	0	22.21	22.28	22.22	23	1
5	16QAM	1	12	22.18	22.18	22.15		
5	16QAM	1	24	22.07	22.15	22.04		
5	16QAM	12	0	21.09	21.22	21.16	22	2
5	16QAM	12	7	21.06	21.07	21.03		
5	16QAM	12	13	21.08	21.13	21.03		
5	16QAM	25	0	20.96	21.16	21.12		
5	64QAM	1	0	21.22	21.32	21.27	22	2
5	64QAM	1	12	21.18	21.11	21.07		
5	64QAM	1	24	21.06	21.08	21.04		
5	64QAM	12	0	20.13	20.07	20.15	21	3
5	64QAM	12	7	19.95	20.13	19.96		
5	64QAM	12	13	20.14	20.15	20.04		
5	64QAM	25	0	20.01	20.09	19.92		
5	256QAM	1	0	17.97	18.08	18.01	19	5
5	256QAM	1	12	18.02	18.04	17.99		
5	256QAM	1	24	18.10	18.11	17.95		
5	256QAM	12	0	18.09	18.10	17.95	19	5
5	256QAM	12	7	18.02	18.00	17.97		
5	256QAM	12	13	17.93	18.04	17.88		
5	256QAM	25	0	17.87	18.12	18.00		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.46	23.47	23.46	24	0
10	QPSK	1	25	23.40	23.41	23.41		
10	QPSK	1	49	23.41	23.46	23.39		
10	QPSK	25	0	22.42	22.45	22.43	23	1
10	QPSK	25	12	22.38	22.41	22.37		
10	QPSK	25	25	22.40	22.41	22.41		
10	QPSK	50	0	22.40	22.43	22.37		
10	16QAM	1	0	22.35	22.40	22.40	23	1
10	16QAM	1	25	22.39	22.44	22.39		
10	16QAM	1	49	22.37	22.42	22.40		
10	16QAM	25	0	21.42	21.46	21.44	22	2
10	16QAM	25	12	21.38	21.44	21.39		
10	16QAM	25	25	21.40	21.40	21.43		
10	16QAM	50	0	21.35	21.39	21.39		
10	64QAM	1	0	21.39	21.41	21.40	22	2
10	64QAM	1	25	21.40	21.45	21.37		
10	64QAM	1	49	21.37	21.43	21.37		
10	64QAM	25	0	20.41	20.44	20.43	21	3
10	64QAM	25	12	20.35	20.37	20.42		
10	64QAM	25	25	20.39	20.41	20.42		
10	64QAM	50	0	20.38	20.38	20.39		
10	256QAM	1	0	18.36	18.44	18.43	19	5
10	256QAM	1	25	18.36	18.40	18.38		
10	256QAM	1	49	18.34	18.43	18.44		
10	256QAM	25	0	18.41	18.46	18.45	19	5
10	256QAM	25	12	18.39	18.40	18.41		
10	256QAM	25	25	18.34	18.41	18.38		
10	256QAM	50	0	18.40	18.39	18.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.45	23.44	23.45	24	0
5	QPSK	1	12	23.38	23.37	23.35		
5	QPSK	1	24	23.36	23.42	23.38		
5	QPSK	12	0	22.38	22.40	22.41	23	1
5	QPSK	12	7	22.35	22.39	22.35		
5	QPSK	12	13	22.37	22.38	22.37		
5	QPSK	25	0	22.34	22.39	22.30		
5	16QAM	1	0	22.30	22.37	22.39	23	1
5	16QAM	1	12	22.35	22.43	22.38		
5	16QAM	1	24	22.33	22.36	22.39		
5	16QAM	12	0	21.39	21.38	21.43	22	2
5	16QAM	12	7	21.29	21.38	21.34		
5	16QAM	12	13	21.29	21.36	21.31		
5	16QAM	25	0	21.23	21.28	21.26		
5	64QAM	1	0	21.38	21.40	21.35	22	2
5	64QAM	1	12	21.38	21.35	21.24		
5	64QAM	1	24	21.27	21.38	21.22		
5	64QAM	12	0	20.26	20.31	20.33	21	3
5	64QAM	12	7	20.31	20.28	20.36		
5	64QAM	12	13	20.38	20.39	20.32		
5	64QAM	25	0	20.29	20.25	20.30		
5	256QAM	1	0	18.22	18.35	18.28	19	5
5	256QAM	1	12	18.25	18.31	18.31		
5	256QAM	1	24	18.20	18.33	18.32		
5	256QAM	12	0	18.31	18.42	18.38	19	5
5	256QAM	12	7	18.32	18.30	18.27		
5	256QAM	12	13	18.23	18.35	18.31		
5	256QAM	25	0	18.30	18.38	18.26		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.42	23.44	23.40	24	0
3	QPSK	1	8	23.34	23.36	23.36		
3	QPSK	1	14	23.39	23.39	23.35		
3	QPSK	8	0	22.41	22.41	22.42	23	1
3	QPSK	8	4	22.34	22.36	22.32		
3	QPSK	8	7	22.39	22.34	22.37		
3	QPSK	15	0	22.34	22.41	22.36		
3	16QAM	1	0	22.32	22.35	22.35	23	1
3	16QAM	1	8	22.37	22.42	22.38		
3	16QAM	1	14	22.29	22.36	22.39		
3	16QAM	8	0	21.36	21.43	21.39	22	2
3	16QAM	8	4	21.36	21.42	21.32		
3	16QAM	8	7	21.34	21.25	21.35		
3	16QAM	15	0	21.20	21.35	21.32		
3	64QAM	1	0	21.35	21.34	21.32	22	2
3	64QAM	1	8	21.39	21.43	21.33		
3	64QAM	1	14	21.29	21.39	21.34		
3	64QAM	8	0	20.39	20.40	20.36	21	3
3	64QAM	8	4	20.34	20.33	20.28		
3	64QAM	8	7	20.26	20.35	20.39		
3	64QAM	15	0	20.26	20.24	20.25		
3	256QAM	1	0	18.23	18.30	18.28	19	5
3	256QAM	1	8	18.32	18.27	18.24		
3	256QAM	1	14	18.21	18.28	18.41		
3	256QAM	8	0	18.26	18.42	18.43	19	5
3	256QAM	8	4	18.30	18.35	18.37		
3	256QAM	8	7	18.27	18.30	18.24		
3	256QAM	15	0	18.31	18.24	18.34		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.43	23.43	23.45	24	0
1.4	QPSK	1	3	23.36	23.38	23.38		
1.4	QPSK	1	5	23.40	23.44	23.32		
1.4	QPSK	3	0	23.41	23.45	23.43		
1.4	QPSK	3	1	23.37	23.35	23.40		
1.4	QPSK	3	3	23.36	23.42	23.34		
1.4	QPSK	6	0	22.40	22.44	22.36	23	1
1.4	16QAM	1	0	22.34	22.34	22.33	23	1
1.4	16QAM	1	3	22.39	22.34	22.40		
1.4	16QAM	1	5	22.34	22.41	22.34		
1.4	16QAM	3	0	22.32	22.38	22.37		
1.4	16QAM	3	1	22.32	22.40	22.35		
1.4	16QAM	3	3	22.32	22.34	22.34		
1.4	16QAM	6	0	21.34	21.45	21.39	22	2
1.4	64QAM	1	0	21.35	21.37	21.37	22	2
1.4	64QAM	1	3	21.34	21.25	21.29		
1.4	64QAM	1	5	21.32	21.33	21.31		
1.4	64QAM	3	0	21.30	21.28	21.29		
1.4	64QAM	3	1	21.26	21.30	21.32		
1.4	64QAM	3	3	21.34	21.35	21.23		
1.4	64QAM	6	0	20.28	20.36	20.29	21	3
1.4	256QAM	1	0	18.29	18.30	18.33	19	5
1.4	256QAM	1	3	18.22	18.35	18.25		
1.4	256QAM	1	5	18.31	18.31	18.42		
1.4	256QAM	3	0	18.30	18.35	18.42		
1.4	256QAM	3	1	18.24	18.29	18.38		
1.4	256QAM	3	3	18.25	18.34	18.23		
1.4	256QAM	6	0	18.34	18.32	18.36	19	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.46		24	0
10	QPSK	1	25		23.43			
10	QPSK	1	49		23.42			
10	QPSK	25	0		22.45		23	1
10	QPSK	25	12		22.38			
10	QPSK	25	25		22.41			
10	QPSK	50	0		22.43			
10	16QAM	1	0		21.40		23	1
10	16QAM	1	25		21.38			
10	16QAM	1	49		21.42			
10	16QAM	25	0		21.43		22	2
10	16QAM	25	12		21.40			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.41			
10	64QAM	1	0		21.38		22	2
10	64QAM	1	25		21.37			
10	64QAM	1	49		21.40			
10	64QAM	25	0		20.44		21	3
10	64QAM	25	12		20.38			
10	64QAM	25	25		20.42			
10	64QAM	50	0		20.43			
10	256QAM	1	0		18.42		19	5
10	256QAM	1	25		18.40			
10	256QAM	1	49		18.38			
10	256QAM	25	0		18.45		19	5
10	256QAM	25	12		18.42			
10	256QAM	25	25		18.43			
10	256QAM	50	0		18.41			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.44	23.39	23.43	24	0
5	QPSK	1	12	23.37	23.39	23.41		
5	QPSK	1	24	23.37	23.41	23.38		
5	QPSK	12	0	22.44	22.42	22.40	23	1
5	QPSK	12	7	22.35	22.31	22.32		
5	QPSK	12	13	22.37	22.37	22.34		
5	QPSK	25	0	22.38	22.40	22.40		
5	16QAM	1	0	21.38	21.35	21.38	23	1
5	16QAM	1	12	21.34	21.33	21.35		
5	16QAM	1	24	21.38	21.39	21.35		
5	16QAM	12	0	21.42	21.42	21.38	22	2
5	16QAM	12	7	21.33	21.33	21.39		
5	16QAM	12	13	21.29	21.22	21.31		
5	16QAM	25	0	21.35	21.38	21.37		
5	64QAM	1	0	21.34	21.35	21.24	22	2
5	64QAM	1	12	21.33	21.34	21.31		
5	64QAM	1	24	21.32	21.29	21.26		
5	64QAM	12	0	20.42	20.41	20.43	21	3
5	64QAM	12	7	20.34	20.31	20.28		
5	64QAM	12	13	20.39	20.29	20.40		
5	64QAM	25	0	20.41	20.39	20.29		
5	256QAM	1	0	18.34	18.31	18.39	19	5
5	256QAM	1	12	18.28	18.29	18.39		
5	256QAM	1	24	18.36	18.37	18.37		
5	256QAM	12	0	18.40	18.41	18.31	19	5
5	256QAM	12	7	18.27	18.38	18.38		
5	256QAM	12	13	18.30	18.34	18.34		
5	256QAM	25	0	18.31	18.30	18.40		

Band 14_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		31.13		32	0
10	QPSK	1	25		31.11			
10	QPSK	1	49		30.97			
10	QPSK	25	0		30.26		31	1
10	QPSK	25	12		30.23			
10	QPSK	25	25		30.12			
10	QPSK	50	0		30.19			
10	16QAM	1	0		29.82		31	1
10	16QAM	1	25		30.01			
10	16QAM	1	49		30.01			
10	16QAM	25	0		29.17		30	2
10	16QAM	25	12		29.02			
10	16QAM	25	25		28.98			
10	16QAM	50	0		28.88			
10	64QAM	1	0		28.98		30	2
10	64QAM	1	25		29.13			
10	64QAM	1	49		29.08			
10	64QAM	25	0		28.04		29	3
10	64QAM	25	12		28.13			
10	64QAM	25	25		28.01			
10	64QAM	50	0		27.94			
10	256QAM	1	0		25.81		27	5
10	256QAM	1	25		25.82			
10	256QAM	1	49		25.78			
10	256QAM	25	0		25.85		27	5
10	256QAM	25	12		26.16			
10	256QAM	25	25		26.03			
10	256QAM	50	0		26.05			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	30.85	30.95	30.83	32	0
5	QPSK	1	12	30.82	30.98	30.79		
5	QPSK	1	24	30.78	30.89	30.90		
5	QPSK	12	0	29.91	30.12	29.97	31	1
5	QPSK	12	7	30.04	29.97	29.88		
5	QPSK	12	13	29.83	30.08	30.05		
5	QPSK	25	0	29.97	30.09	30.03		
5	16QAM	1	0	29.96	30.12	29.95	31	1
5	16QAM	1	12	30.14	30.17	30.03		
5	16QAM	1	24	30.01	30.18	29.97		
5	16QAM	12	0	29.04	29.05	29.01	30	2
5	16QAM	12	7	28.89	29.02	28.92		
5	16QAM	12	13	29.05	29.02	29.07		
5	16QAM	25	0	29.04	29.16	28.97		
5	64QAM	1	0	29.08	29.18	28.98	30	2
5	64QAM	1	12	29.06	29.16	29.09		
5	64QAM	1	24	28.94	29.10	28.98		
5	64QAM	12	0	27.80	28.04	27.94	29	3
5	64QAM	12	7	28.01	28.07	27.90		
5	64QAM	12	13	28.00	28.06	28.01		
5	64QAM	25	0	27.78	28.06	27.94		
5	256QAM	1	0	25.97	26.03	26.04	27	5
5	256QAM	1	12	25.90	26.14	25.94		
5	256QAM	1	24	26.12	26.11	26.04		
5	256QAM	12	0	26.06	26.19	25.95	27	5
5	256QAM	12	7	25.87	26.06	25.89		
5	256QAM	12	13	26.04	25.95	25.91		
5	256QAM	25	0	25.88	25.94	25.97		

Band 25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.28	23.30	23.26	24	0
20	QPSK	1	49	23.19	23.26	23.23		
20	QPSK	1	99	23.19	23.22	23.20		
20	QPSK	50	0	22.06	22.11	22.05	23	1
20	QPSK	50	24	22.04	22.08	22.05		
20	QPSK	50	50	22.00	22.05	22.02		
20	QPSK	100	0	22.05	22.10	22.09		
20	16QAM	1	0	22.07	22.08	22.07	23	1
20	16QAM	1	49	22.00	22.05	22.00		
20	16QAM	1	99	21.96	22.03	22.00		
20	16QAM	50	0	21.04	21.06	20.97	22	2
20	16QAM	50	24	20.94	21.02	20.97		
20	16QAM	50	50	20.91	21.05	20.98		
20	16QAM	100	0	20.91	21.01	20.95		
20	64QAM	1	0	20.95	21.06	20.93	22	2
20	64QAM	1	49	21.03	21.05	20.94		
20	64QAM	1	99	20.92	21.03	20.96		
20	64QAM	50	0	20.03	20.05	19.96	21	3
20	64QAM	50	24	20.01	20.02	19.93		
20	64QAM	50	50	19.92	19.98	19.89		
20	64QAM	100	0	19.91	20.01	19.99		
20	256QAM	1	0	18.06	18.10	18.08	19	5
20	256QAM	1	49	17.95	18.02	17.94		
20	256QAM	1	99	17.94	18.05	17.91		
20	256QAM	50	0	17.94	18.08	18.02	19	5
20	256QAM	50	24	17.90	18.03	18.02		
20	256QAM	50	50	17.95	18.07	17.92		
20	256QAM	100	0	17.93	18.05	17.92		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.24	23.28	23.23	24	0
15	QPSK	1	37	23.16	23.19	23.22		
15	QPSK	1	74	23.17	23.17	23.13		
15	QPSK	36	0	22.01	22.07	21.99	23	1
15	QPSK	36	20	22.00	22.04	22.03		
15	QPSK	36	39	21.98	21.98	21.98		
15	QPSK	75	0	22.04	22.08	22.03		
15	16QAM	1	0	22.01	22.07	22.03	23	1
15	16QAM	1	37	21.93	21.99	21.96		
15	16QAM	1	74	21.92	22.01	21.98		
15	16QAM	36	0	20.98	21.00	20.90	22	2
15	16QAM	36	20	20.88	20.97	20.90		
15	16QAM	36	39	20.77	21.02	20.84		
15	16QAM	75	0	20.80	20.99	20.82		
15	64QAM	1	0	20.85	21.05	20.82	22	2
15	64QAM	1	37	21.01	20.90	20.79		
15	64QAM	1	74	20.83	21.01	20.94		
15	64QAM	36	0	19.89	20.00	19.85	21	3
15	64QAM	36	20	19.88	19.88	19.88		
15	64QAM	36	39	19.85	19.96	19.82		
15	64QAM	75	0	19.88	19.95	19.86		
15	256QAM	1	0	17.96	18.06	18.05	19	5
15	256QAM	1	37	17.81	17.97	17.83		
15	256QAM	1	74	17.87	17.95	17.76		
15	256QAM	36	0	17.86	18.05	17.97	19	5
15	256QAM	36	20	17.85	17.90	17.87		
15	256QAM	36	39	17.82	18.00	17.85		
15	256QAM	75	0	17.87	17.94	17.85		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.21	23.28	23.23	24	0
10	QPSK	1	25	23.18	23.19	23.22		
10	QPSK	1	49	23.15	23.19	23.18		
10	QPSK	25	0	22.02	22.09	22.04	23	1
10	QPSK	25	12	22.00	22.05	22.01		
10	QPSK	25	25	21.96	22.00	22.01		
10	QPSK	50	0	22.01	22.07	22.07		
10	16QAM	1	0	22.05	22.07	22.01	23	1
10	16QAM	1	25	21.96	21.99	21.95		
10	16QAM	1	49	21.93	21.97	21.95		
10	16QAM	25	0	20.96	21.05	20.93	22	2
10	16QAM	25	12	20.91	20.99	20.96		
10	16QAM	25	25	20.88	21.00	20.95		
10	16QAM	50	0	20.80	20.89	20.80		
10	64QAM	1	0	20.81	21.05	20.86	22	2
10	64QAM	1	25	21.02	20.90	20.86		
10	64QAM	1	49	20.78	20.91	20.90		
10	64QAM	25	0	19.95	19.97	19.86	21	3
10	64QAM	25	12	19.96	19.88	19.78		
10	64QAM	25	25	19.80	19.93	19.76		
10	64QAM	50	0	19.77	19.88	19.87		
10	256QAM	1	0	17.96	17.95	18.05	19	5
10	256QAM	1	25	17.92	17.92	17.88		
10	256QAM	1	49	17.85	18.02	17.88		
10	256QAM	25	0	17.79	18.05	17.94	19	5
10	256QAM	25	12	17.78	18.01	17.95		
10	256QAM	25	25	17.84	17.94	17.79		
10	256QAM	50	0	17.87	17.97	17.84		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.22	23.23	23.23	24	0
5	QPSK	1	12	23.16	23.25	23.16		
5	QPSK	1	24	23.17	23.21	23.13		
5	QPSK	12	0	22.04	22.09	22.04	23	1
5	QPSK	12	7	22.03	22.04	21.98		
5	QPSK	12	13	21.98	22.04	21.97		
5	QPSK	25	0	22.04	22.08	22.03		
5	16QAM	1	0	22.02	22.07	22.01	23	1
5	16QAM	1	12	21.95	22.04	21.93		
5	16QAM	1	24	21.89	22.02	21.97		
5	16QAM	12	0	20.99	20.97	20.96	22	2
5	16QAM	12	7	20.87	20.99	20.90		
5	16QAM	12	13	20.84	20.97	20.87		
5	16QAM	25	0	20.82	20.95	20.93		
5	64QAM	1	0	20.81	21.03	20.82	22	2
5	64QAM	1	12	21.00	20.97	20.85		
5	64QAM	1	24	20.77	20.89	20.93		
5	64QAM	12	0	19.88	20.02	19.95	21	3
5	64QAM	12	7	19.88	19.93	19.82		
5	64QAM	12	13	19.81	19.89	19.74		
5	64QAM	25	0	19.79	19.87	19.88		
5	256QAM	1	0	17.98	17.98	18.06	19	5
5	256QAM	1	12	17.94	18.01	17.88		
5	256QAM	1	24	17.89	18.00	17.76		
5	256QAM	12	0	17.82	18.07	17.99	19	5
5	256QAM	12	7	17.83	17.90	17.94		
5	256QAM	12	13	17.85	17.98	17.91		
5	256QAM	25	0	17.81	17.98	17.84		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.21	23.24	23.26	24	0
3	QPSK	1	8	23.18	23.19	23.21		
3	QPSK	1	14	23.14	23.17	23.19		
3	QPSK	8	0	22.01	22.06	21.99	23	1
3	QPSK	8	4	21.99	22.01	22.02		
3	QPSK	8	7	21.98	22.03	21.99		
3	QPSK	15	0	22.01	22.03	22.07		
3	16QAM	1	0	22.04	22.05	22.06	23	1
3	16QAM	1	8	21.97	21.99	21.93		
3	16QAM	1	14	21.94	21.94	21.99		
3	16QAM	8	0	20.98	21.05	20.89	22	2
3	16QAM	8	4	20.90	20.94	20.93		
3	16QAM	8	7	20.77	21.04	20.90		
3	16QAM	15	0	20.76	21.00	20.88		
3	64QAM	1	0	20.87	20.98	20.86	22	2
3	64QAM	1	8	20.96	20.96	20.88		
3	64QAM	1	14	20.81	20.91	20.90		
3	64QAM	8	0	19.88	19.99	19.92	21	3
3	64QAM	8	4	20.00	19.95	19.85		
3	64QAM	8	7	19.83	19.89	19.82		
3	64QAM	15	0	19.79	19.86	19.88		
3	256QAM	1	0	18.02	18.04	17.96	19	5
3	256QAM	1	8	17.86	17.87	17.85		
3	256QAM	1	14	17.93	18.00	17.81		
3	256QAM	8	0	17.93	18.03	17.95	19	5
3	256QAM	8	4	17.88	17.92	17.99		
3	256QAM	8	7	17.80	18.03	17.87		
3	256QAM	15	0	17.92	18.00	17.85		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.25	23.26	23.26	24	0
1.4	QPSK	1	3	23.18	23.22	23.19		
1.4	QPSK	1	5	23.17	23.15	23.19		
1.4	QPSK	3	0	23.25	23.27	23.24		
1.4	QPSK	3	1	23.12	23.21	23.17		
1.4	QPSK	3	3	23.18	23.21	23.15		
1.4	QPSK	6	0	22.00	22.05	22.02	23	1
1.4	16QAM	1	0	21.98	22.03	22.04	23	1
1.4	16QAM	1	3	21.98	22.02	21.98		
1.4	16QAM	1	5	21.98	22.04	22.08		
1.4	16QAM	3	0	22.04	22.01	22.04		
1.4	16QAM	3	1	21.99	22.00	21.96		
1.4	16QAM	3	3	21.94	21.96	21.95		
1.4	16QAM	6	0	21.00	21.02	20.95	22	2
1.4	64QAM	1	0	20.92	20.97	20.90	22	2
1.4	64QAM	1	3	20.82	20.99	20.94		
1.4	64QAM	1	5	20.84	20.89	20.94		
1.4	64QAM	3	0	20.81	20.91	20.79		
1.4	64QAM	3	1	21.00	20.97	20.81		
1.4	64QAM	3	3	20.83	21.02	20.81		
1.4	64QAM	6	0	19.95	19.97	19.94	21	3
1.4	256QAM	1	0	17.92	17.95	18.06	19	5
1.4	256QAM	1	3	17.89	17.94	17.89		
1.4	256QAM	1	5	17.91	17.97	17.87		
1.4	256QAM	3	0	17.83	18.04	17.98		
1.4	256QAM	3	1	17.89	17.96	17.94		
1.4	256QAM	3	3	17.91	18.04	17.87		
1.4	256QAM	6	0	17.86	17.93	17.77	19	5

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	21.65	21.70	21.63	22.5	0
20	QPSK	1	49	21.61	21.63	21.59		
20	QPSK	1	99	21.63	21.65	21.61		
20	QPSK	50	0	20.89	20.92	20.87	21.5	1
20	QPSK	50	24	20.83	20.89	20.86		
20	QPSK	50	50	20.88	20.89	20.85		
20	QPSK	100	0	20.85	20.90	20.83		
20	16QAM	1	0	20.82	20.90	20.82	21.5	1
20	16QAM	1	49	20.82	20.85	20.85		
20	16QAM	1	99	20.85	20.91	20.83		
20	16QAM	50	0	19.86	19.90	19.85	20.5	2
20	16QAM	50	24	19.81	19.86	19.78		
20	16QAM	50	50	19.79	19.88	19.80		
20	16QAM	100	0	19.82	19.84	19.78		
20	64QAM	1	0	19.85	19.89	19.79	20.5	2
20	64QAM	1	49	19.84	19.89	19.82		
20	64QAM	1	99	19.84	19.86	19.81		
20	64QAM	50	0	18.85	18.89	18.83	19.5	3
20	64QAM	50	24	18.81	18.88	18.79		
20	64QAM	50	50	18.78	18.82	18.76		
20	64QAM	100	0	18.84	18.82	18.76		
20	256QAM	1	0	16.82	16.82	16.76	17.5	5
20	256QAM	1	49	16.85	16.84	16.82		
20	256QAM	1	99	16.84	16.82	16.77		
20	256QAM	50	0	16.86	16.89	16.83	17.5	5
20	256QAM	50	24	16.80	16.82	16.79		
20	256QAM	50	50	16.83	16.85	16.82		
20	256QAM	100	0	16.79	16.88	16.79		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.60	21.64	21.59	22.5	0
15	QPSK	1	37	21.58	21.60	21.58		
15	QPSK	1	74	21.59	21.61	21.55		
15	QPSK	36	0	20.82	20.85	20.80	21.5	1
15	QPSK	36	20	20.77	20.88	20.85		
15	QPSK	36	39	20.87	20.86	20.80		
15	QPSK	75	0	20.83	20.89	20.79		
15	16QAM	1	0	20.81	20.84	20.79	21.5	1
15	16QAM	1	37	20.76	20.79	20.80		
15	16QAM	1	74	20.84	20.86	20.79		
15	16QAM	36	0	19.83	19.86	19.76	20.5	2
15	16QAM	36	20	19.75	19.77	19.71		
15	16QAM	36	39	19.70	19.77	19.65		
15	16QAM	75	0	19.72	19.79	19.69		
15	64QAM	1	0	19.73	19.77	19.77	20.5	2
15	64QAM	1	37	19.81	19.84	19.78		
15	64QAM	1	74	19.76	19.79	19.79		
15	64QAM	36	0	18.84	18.82	18.81	19.5	3
15	64QAM	36	20	18.72	18.77	18.67		
15	64QAM	36	39	18.72	18.67	18.65		
15	64QAM	75	0	18.78	18.77	18.74		
15	256QAM	1	0	16.71	16.74	16.66	17.5	5
15	256QAM	1	37	16.75	16.80	16.81		
15	256QAM	1	74	16.77	16.73	16.73		
15	256QAM	36	0	16.79	16.85	16.77	17.5	5
15	256QAM	36	20	16.66	16.75	16.76		
15	256QAM	36	39	16.68	16.71	16.68		
15	256QAM	75	0	16.65	16.76	16.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.61	21.65	21.59	22.5	0
10	QPSK	1	25	21.57	21.60	21.57		
10	QPSK	1	49	21.56	21.61	21.54		
10	QPSK	25	0	20.86	20.89	20.81	21.5	1
10	QPSK	25	12	20.78	20.87	20.84		
10	QPSK	25	25	20.83	20.86	20.79		
10	QPSK	50	0	20.83	20.89	20.77		
10	16QAM	1	0	20.80	20.88	20.76	21.5	1
10	16QAM	1	25	20.75	20.78	20.81		
10	16QAM	1	49	20.76	20.83	20.75		
10	16QAM	25	0	19.84	19.81	19.78	20.5	2
10	16QAM	25	12	19.75	19.85	19.70		
10	16QAM	25	25	19.66	19.74	19.78		
10	16QAM	50	0	19.68	19.70	19.66		
10	64QAM	1	0	19.79	19.84	19.70	20.5	2
10	64QAM	1	25	19.76	19.84	19.81		
10	64QAM	1	49	19.80	19.73	19.76		
10	64QAM	25	0	18.73	18.80	18.75	19.5	3
10	64QAM	25	12	18.72	18.84	18.76		
10	64QAM	25	25	18.69	18.76	18.65		
10	64QAM	50	0	18.82	18.76	18.63		
10	256QAM	1	0	16.75	16.72	16.64	17.5	5
10	256QAM	1	25	16.84	16.71	16.69		
10	256QAM	1	49	16.74	16.70	16.67		
10	256QAM	25	0	16.73	16.84	16.81	17.5	5
10	256QAM	25	12	16.77	16.72	16.71		
10	256QAM	25	25	16.71	16.72	16.70		
10	256QAM	50	0	16.72	16.77	16.69		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.63	21.63	21.60	22.5	0
5	QPSK	1	12	21.58	21.57	21.55		
5	QPSK	1	24	21.57	21.63	21.54		
5	QPSK	12	0	20.84	20.90	20.86	21.5	1
5	QPSK	12	7	20.82	20.82	20.85		
5	QPSK	12	13	20.84	20.84	20.78		
5	QPSK	25	0	20.82	20.83	20.80		
5	16QAM	1	0	20.75	20.83	20.81	21.5	1
5	16QAM	1	12	20.79	20.82	20.82		
5	16QAM	1	24	20.82	20.86	20.82		
5	16QAM	12	0	19.80	19.84	19.84	20.5	2
5	16QAM	12	7	19.77	19.84	19.72		
5	16QAM	12	13	19.68	19.82	19.76		
5	16QAM	25	0	19.79	19.75	19.65		
5	64QAM	1	0	19.81	19.85	19.64	20.5	2
5	64QAM	1	12	19.79	19.86	19.78		
5	64QAM	1	24	19.73	19.81	19.67		
5	64QAM	12	0	18.75	18.78	18.71	19.5	3
5	64QAM	12	7	18.70	18.79	18.69		
5	64QAM	12	13	18.75	18.77	18.62		
5	64QAM	25	0	18.69	18.69	18.71		
5	256QAM	1	0	16.81	16.73	16.67	17.5	5
5	256QAM	1	12	16.81	16.71	16.80		
5	256QAM	1	24	16.78	16.70	16.69		
5	256QAM	12	0	16.83	16.82	16.69	17.5	5
5	256QAM	12	7	16.77	16.80	16.72		
5	256QAM	12	13	16.80	16.81	16.70		
5	256QAM	25	0	16.74	16.75	16.74		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.58	21.68	21.57	22.5	0
3	QPSK	1	8	21.60	21.62	21.57		
3	QPSK	1	14	21.60	21.63	21.58		
3	QPSK	8	0	20.82	20.89	20.81	21.5	1
3	QPSK	8	4	20.81	20.86	20.84		
3	QPSK	8	7	20.86	20.83	20.79		
3	QPSK	15	0	20.81	20.86	20.77		
3	16QAM	1	0	20.75	20.89	20.78	21.5	1
3	16QAM	1	8	20.76	20.78	20.82		
3	16QAM	1	14	20.81	20.83	20.77		
3	16QAM	8	0	19.83	19.81	19.80	20.5	2
3	16QAM	8	4	19.75	19.82	19.75		
3	16QAM	8	7	19.70	19.77	19.66		
3	16QAM	15	0	19.76	19.73	19.68		
3	64QAM	1	0	19.75	19.84	19.75	20.5	2
3	64QAM	1	8	19.71	19.85	19.71		
3	64QAM	1	14	19.72	19.72	19.75		
3	64QAM	8	0	18.77	18.75	18.77	19.5	3
3	64QAM	8	4	18.67	18.74	18.68		
3	64QAM	8	7	18.72	18.72	18.74		
3	64QAM	15	0	18.70	18.68	18.61		
3	256QAM	1	0	16.75	16.74	16.62	17.5	5
3	256QAM	1	8	16.82	16.70	16.81		
3	256QAM	1	14	16.74	16.75	16.66		
3	256QAM	8	0	16.76	16.83	16.71	17.5	5
3	256QAM	8	4	16.72	16.70	16.68		
3	256QAM	8	7	16.74	16.75	16.81		
3	256QAM	15	0	16.78	16.76	16.73		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.60	21.68	21.57	22.5	0
1.4	QPSK	1	3	21.60	21.60	21.58		
1.4	QPSK	1	5	21.57	21.64	21.54		
1.4	QPSK	3	0	21.60	21.69	21.59		
1.4	QPSK	3	1	21.56	21.60	21.52		
1.4	QPSK	3	3	21.61	21.61	21.59		
1.4	QPSK	6	0	20.82	20.88	20.85	21.5	1
1.4	16QAM	1	0	20.80	20.86	20.83	21.5	1
1.4	16QAM	1	3	20.87	20.88	20.81		
1.4	16QAM	1	5	20.81	20.88	20.76		
1.4	16QAM	3	0	20.77	20.87	20.79		
1.4	16QAM	3	1	20.77	20.84	20.82		
1.4	16QAM	3	3	20.80	20.89	20.79		
1.4	16QAM	6	0	19.78	19.84	19.81	20.5	2
1.4	64QAM	1	0	19.80	19.77	19.74	20.5	2
1.4	64QAM	1	3	19.73	19.75	19.73		
1.4	64QAM	1	5	19.78	19.79	19.77		
1.4	64QAM	3	0	19.77	19.83	19.70		
1.4	64QAM	3	1	19.73	19.86	19.72		
1.4	64QAM	3	3	19.80	19.79	19.70		
1.4	64QAM	6	0	18.83	18.85	18.76	19.5	3
1.4	256QAM	1	0	16.75	16.81	16.74	17.5	5
1.4	256QAM	1	3	16.76	16.79	16.77		
1.4	256QAM	1	5	16.76	16.76	16.74		
1.4	256QAM	3	0	16.78	16.86	16.69		
1.4	256QAM	3	1	16.73	16.77	16.69		
1.4	256QAM	3	3	16.69	16.78	16.80		
1.4	256QAM	6	0	16.72	16.76	16.70	17.5	5

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.51	23.53	23.46	24	0
15	QPSK	1	37	23.47	23.52	23.41		
15	QPSK	1	74	23.44	23.46	23.42		
15	QPSK	36	0	22.45	22.49	22.44	23	1
15	QPSK	36	20	22.46	22.45	22.42		
15	QPSK	36	39	22.45	22.45	22.37		
15	QPSK	75	0	22.41	22.45	22.39		
15	16QAM	1	0	22.42	22.45	22.40	23	1
15	16QAM	1	37	22.44	22.48	22.39		
15	16QAM	1	74	22.43	22.45	22.41		
15	16QAM	36	0	21.48	21.50	21.45	22	2
15	16QAM	36	20	21.44	21.49	21.44		
15	16QAM	36	39	21.47	21.48	21.43		
15	16QAM	75	0	21.43	21.45	21.43		
15	64QAM	1	0	21.42	21.46	21.41	22	2
15	64QAM	1	37	21.45	21.47	21.42		
15	64QAM	1	74	21.45	21.48	21.41		
15	64QAM	36	0	20.48	20.50	20.46	21	3
15	64QAM	36	20	20.45	20.46	20.40		
15	64QAM	36	39	20.43	20.43	20.43		
15	64QAM	75	0	20.43	20.49	20.43		
15	256QAM	1	0	18.43	18.49	18.39	19	5
15	256QAM	1	37	18.41	18.50	18.39		
15	256QAM	1	74	18.43	18.44	18.43		
15	256QAM	36	0	18.47	18.51	18.45	19	5
15	256QAM	36	20	18.40	18.48	18.41		
15	256QAM	36	39	18.40	18.50	18.38		
15	256QAM	75	0	18.43	18.50	18.40		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.49	23.51	23.43	24	0
10	QPSK	1	25	23.40	23.47	23.34		
10	QPSK	1	49	23.41	23.45	23.40		
10	QPSK	25	0	22.41	22.48	22.40	23	1
10	QPSK	25	12	22.39	22.42	22.35		
10	QPSK	25	25	22.40	22.44	22.31		
10	QPSK	50	0	22.36	22.44	22.32		
10	16QAM	1	0	22.35	22.44	22.38	23	1
10	16QAM	1	25	22.42	22.43	22.33		
10	16QAM	1	49	22.40	22.37	22.36		
10	16QAM	25	0	21.44	21.47	21.40	22	2
10	16QAM	25	12	21.35	21.47	21.41		
10	16QAM	25	25	21.32	21.40	21.37		
10	16QAM	50	0	21.41	21.42	21.41		
10	64QAM	1	0	21.28	21.38	21.26	22	2
10	64QAM	1	25	21.31	21.40	21.40		
10	64QAM	1	49	21.40	21.37	21.34		
10	64QAM	25	0	20.39	20.38	20.42	21	3
10	64QAM	25	12	20.35	20.36	20.36		
10	64QAM	25	25	20.41	20.35	20.36		
10	64QAM	50	0	20.39	20.48	20.29		
10	256QAM	1	0	18.33	18.38	18.33	19	5
10	256QAM	1	25	18.38	18.36	18.24		
10	256QAM	1	49	18.32	18.43	18.31		
10	256QAM	25	0	18.33	18.41	18.42	19	5
10	256QAM	25	12	18.29	18.39	18.38		
10	256QAM	25	25	18.37	18.43	18.32		
10	256QAM	50	0	18.28	18.48	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.48	23.51	23.42	24	0
5	QPSK	1	12	23.43	23.46	23.34		
5	QPSK	1	24	23.39	23.40	23.39		
5	QPSK	12	0	22.42	22.46	22.41	23	1
5	QPSK	12	7	22.45	22.40	22.36		
5	QPSK	12	13	22.40	22.41	22.35		
5	QPSK	25	0	22.38	22.40	22.37		
5	16QAM	1	0	22.41	22.39	22.33	23	1
5	16QAM	1	12	22.41	22.46	22.38		
5	16QAM	1	24	22.37	22.41	22.33		
5	16QAM	12	0	21.39	21.44	21.38	22	2
5	16QAM	12	7	21.37	21.48	21.40		
5	16QAM	12	13	21.42	21.47	21.36		
5	16QAM	25	0	21.34	21.38	21.33		
5	64QAM	1	0	21.29	21.33	21.32	22	2
5	64QAM	1	12	21.41	21.45	21.37		
5	64QAM	1	24	21.43	21.44	21.27		
5	64QAM	12	0	20.33	20.41	20.36	21	3
5	64QAM	12	7	20.31	20.36	20.31		
5	64QAM	12	13	20.41	20.28	20.37		
5	64QAM	25	0	20.32	20.42	20.35		
5	256QAM	1	0	18.35	18.34	18.32	19	5
5	256QAM	1	12	18.40	18.38	18.33		
5	256QAM	1	24	18.34	18.37	18.37		
5	256QAM	12	0	18.36	18.46	18.35	19	5
5	256QAM	12	7	18.25	18.36	18.28		
5	256QAM	12	13	18.25	18.41	18.33		
5	256QAM	25	0	18.34	18.41	18.27		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.49	23.49	23.41	24	0
3	QPSK	1	8	23.41	23.47	23.36		
3	QPSK	1	14	23.39	23.43	23.40		
3	QPSK	8	0	22.46	22.42	22.37	23	1
3	QPSK	8	4	22.42	22.44	22.38		
3	QPSK	8	7	22.44	22.38	22.34		
3	QPSK	15	0	22.40	22.44	22.33		
3	16QAM	1	0	22.37	22.40	22.33	23	1
3	16QAM	1	8	22.38	22.44	22.38		
3	16QAM	1	14	22.40	22.40	22.32		
3	16QAM	8	0	21.39	21.43	21.37	22	2
3	16QAM	8	4	21.43	21.41	21.43		
3	16QAM	8	7	21.41	21.38	21.33		
3	16QAM	15	0	21.39	21.37	21.36		
3	64QAM	1	0	21.38	21.42	21.27	22	2
3	64QAM	1	8	21.40	21.34	21.29		
3	64QAM	1	14	21.34	21.33	21.31		
3	64QAM	8	0	20.40	20.43	20.31	21	3
3	64QAM	8	4	20.31	20.37	20.35		
3	64QAM	8	7	20.40	20.40	20.34		
3	64QAM	15	0	20.42	20.46	20.28		
3	256QAM	1	0	18.41	18.39	18.37	19	5
3	256QAM	1	8	18.33	18.45	18.30		
3	256QAM	1	14	18.33	18.39	18.38		
3	256QAM	8	0	18.32	18.37	18.36	19	5
3	256QAM	8	4	18.35	18.33	18.33		
3	256QAM	8	7	18.26	18.39	18.23		
3	256QAM	15	0	18.29	18.46	18.36		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.44	23.52	23.45	24	0
1.4	QPSK	1	3	23.45	23.47	23.34		
1.4	QPSK	1	5	23.43	23.41	23.41		
1.4	QPSK	3	0	23.50	23.50	23.41		
1.4	QPSK	3	1	23.42	23.50	23.37		
1.4	QPSK	3	3	23.40	23.40	23.36		
1.4	QPSK	6	0	22.43	22.44	22.41	23	1
1.4	16QAM	1	0	22.43	22.44	22.39	23	1
1.4	16QAM	1	3	22.38	22.42	22.30		
1.4	16QAM	1	5	22.34	22.42	22.36		
1.4	16QAM	3	0	22.40	22.43	22.34		
1.4	16QAM	3	1	22.39	22.46	22.34		
1.4	16QAM	3	3	22.41	22.38	22.37		
1.4	16QAM	6	0	21.42	21.44	21.42	22	2
1.4	64QAM	1	0	21.38	21.40	21.41	22	2
1.4	64QAM	1	3	21.39	21.34	21.30		
1.4	64QAM	1	5	21.31	21.33	21.42		
1.4	64QAM	3	0	21.36	21.37	21.32		
1.4	64QAM	3	1	21.44	21.43	21.30		
1.4	64QAM	3	3	21.34	21.46	21.32		
1.4	64QAM	6	0	20.38	20.48	20.37	21	3
1.4	256QAM	1	0	18.35	18.45	18.30	19	5
1.4	256QAM	1	3	18.29	18.47	18.30		
1.4	256QAM	1	5	18.35	18.41	18.28		
1.4	256QAM	3	0	18.37	18.47	18.33		
1.4	256QAM	3	1	18.32	18.35	18.26		
1.4	256QAM	3	3	18.26	18.45	18.23		
1.4	256QAM	6	0	18.40	18.45	18.39	19	5

Band 30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.11		24	0
10	QPSK	1	25		23.05			
10	QPSK	1	49		23.08			
10	QPSK	25	0		21.98		23	1
10	QPSK	25	12		21.92			
10	QPSK	25	25		21.95			
10	QPSK	50	0		21.95			
10	16QAM	1	0		21.93		23	1
10	16QAM	1	25		21.92			
10	16QAM	1	49		21.90			
10	16QAM	25	0		20.98		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.91			
10	64QAM	1	0		20.93		22	2
10	64QAM	1	25		20.90			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.01		21	3
10	64QAM	25	12		19.98			
10	64QAM	25	25		19.95			
10	64QAM	50	0		20.00			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		18.01			
10	256QAM	1	49		17.95			
10	256QAM	25	0		18.03		19	5
10	256QAM	25	12		17.93			
10	256QAM	25	25		18.02			
10	256QAM	50	0		18.01			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.10	23.04	23.05	24	0
5	QPSK	1	12	22.99	23.02	23.04		
5	QPSK	1	24	23.04	23.04	23.01		
5	QPSK	12	0	21.91	21.91	21.93	23	1
5	QPSK	12	7	21.86	21.91	21.89		
5	QPSK	12	13	21.88	21.89	21.93		
5	QPSK	25	0	21.93	21.94	21.94		
5	16QAM	1	0	21.89	21.92	21.90	23	1
5	16QAM	1	12	21.87	21.89	21.91		
5	16QAM	1	24	21.87	21.85	21.88		
5	16QAM	12	0	20.93	20.91	20.90	22	2
5	16QAM	12	7	20.89	20.88	20.89		
5	16QAM	12	13	20.89	20.88	20.84		
5	16QAM	25	0	20.86	20.80	20.77		
5	64QAM	1	0	20.78	20.90	20.83	22	2
5	64QAM	1	12	20.87	20.83	20.89		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.94	19.86	19.87	21	3
5	64QAM	12	7	19.83	19.92	19.91		
5	64QAM	12	13	19.93	19.92	19.85		
5	64QAM	25	0	19.87	19.90	19.86		
5	256QAM	1	0	17.97	17.87	17.97	19	5
5	256QAM	1	12	17.94	17.92	17.90		
5	256QAM	1	24	17.82	17.90	17.92		
5	256QAM	12	0	17.93	17.95	17.91	19	5
5	256QAM	12	7	17.87	17.82	17.82		
5	256QAM	12	13	17.98	17.96	17.96		
5	256QAM	25	0	17.91	17.93	17.94		

Band 30_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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.35		23.5	0
10	QPSK	1	25		22.33			
10	QPSK	1	49		22.30			
10	QPSK	25	0		21.63		22.5	1
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.60			
10	QPSK	50	0		21.61			
10	16QAM	1	0		21.57		22.5	1
10	16QAM	1	25		21.55			
10	16QAM	1	49		21.54			
10	16QAM	25	0		20.58		21.5	2
10	16QAM	25	12		20.52			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.55			
10	64QAM	1	0		20.56		21.5	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.57			
10	64QAM	25	0		19.62		20.5	3
10	64QAM	25	12		19.58			
10	64QAM	25	25		19.60			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.55		18.5	5
10	256QAM	1	25		17.58			
10	256QAM	1	49		17.53			
10	256QAM	25	0		17.58		18.5	5
10	256QAM	25	12		17.52			
10	256QAM	25	25		17.56			
10	256QAM	50	0		17.54			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.29	22.33	22.30	23.5	0
5	QPSK	1	12	22.29	22.32	22.29		
5	QPSK	1	24	22.28	22.25	22.29		
5	QPSK	12	0	21.59	21.62	21.56	22.5	1
5	QPSK	12	7	21.55	21.57	21.53		
5	QPSK	12	13	21.59	21.54	21.53		
5	QPSK	25	0	21.55	21.54	21.57		
5	16QAM	1	0	21.55	21.54	21.52	22.5	1
5	16QAM	1	12	21.52	21.49	21.52		
5	16QAM	1	24	21.53	21.48	21.53		
5	16QAM	12	0	20.52	20.54	20.53	21.5	2
5	16QAM	12	7	20.47	20.51	20.48		
5	16QAM	12	13	20.52	20.55	20.54		
5	16QAM	25	0	20.46	20.44	20.45		
5	64QAM	1	0	20.50	20.46	20.43	21.5	2
5	64QAM	1	12	20.42	20.40	20.40		
5	64QAM	1	24	20.55	20.49	20.47		
5	64QAM	12	0	19.57	19.53	19.54	20.5	3
5	64QAM	12	7	19.48	19.55	19.53		
5	64QAM	12	13	19.59	19.54	19.56		
5	64QAM	25	0	19.57	19.49	19.56		
5	256QAM	1	0	17.51	17.46	17.49	18.5	5
5	256QAM	1	12	17.53	17.51	17.45		
5	256QAM	1	24	17.41	17.45	17.49		
5	256QAM	12	0	17.43	17.57	17.56	18.5	5
5	256QAM	12	7	17.47	17.45	17.37		
5	256QAM	12	13	17.43	17.42	17.52		
5	256QAM	25	0	17.50	17.52	17.53		

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.26	23.28	23.27	24	0
20	QPSK	1	49	23.17	23.23	23.22		
20	QPSK	1	99	23.20	23.21	23.18		
20	QPSK	50	0	22.11	22.13	22.09	23	1
20	QPSK	50	24	22.04	22.08	22.07		
20	QPSK	50	50	22.02	22.05	22.02		
20	QPSK	100	0	21.98	22.05	21.99		
20	16QAM	1	0	21.96	22.01	22.00	23	1
20	16QAM	1	49	22.00	22.03	21.97		
20	16QAM	1	99	21.99	22.00	21.99		
20	16QAM	50	0	21.05	21.08	21.07	22	2
20	16QAM	50	24	20.99	21.02	21.00		
20	16QAM	50	50	20.93	21.03	20.90		
20	16QAM	100	0	20.96	21.06	21.04		
20	64QAM	1	0	21.02	21.08	21.06	22	2
20	64QAM	1	49	21.00	21.05	20.99		
20	64QAM	1	99	20.96	21.03	20.94		
20	64QAM	50	0	20.03	20.05	20.00	21	3
20	64QAM	50	24	19.91	20.06	20.03		
20	64QAM	50	50	20.00	20.02	19.90		
20	64QAM	100	0	19.98	20.08	19.95		
20	256QAM	1	0	18.03	18.08	17.96	19	5
20	256QAM	1	49	17.99	18.02	17.88		
20	256QAM	1	99	17.88	18.01	17.88		
20	256QAM	50	0	18.01	18.06	17.96	19	5
20	256QAM	50	24	18.05	18.07	18.01		
20	256QAM	50	50	17.93	18.03	18.02		
20	256QAM	100	0	17.98	18.01	17.88		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.22	23.27	23.23	24	0
15	QPSK	1	37	23.12	23.16	23.21		
15	QPSK	1	74	23.16	23.15	23.17		
15	QPSK	36	0	22.09	22.12	22.03	23	1
15	QPSK	36	20	22.02	22.02	22.04		
15	QPSK	36	39	21.99	21.98	21.98		
15	QPSK	75	0	21.91	21.98	21.94		
15	16QAM	1	0	21.94	21.95	21.94	23	1
15	16QAM	1	37	21.98	21.99	21.91		
15	16QAM	1	74	21.97	21.94	21.95		
15	16QAM	36	0	20.99	21.04	21.01	22	2
15	16QAM	36	20	20.92	20.93	20.96		
15	16QAM	36	39	20.83	20.99	20.77		
15	16QAM	75	0	20.88	21.04	20.98		
15	64QAM	1	0	20.94	20.97	20.93	22	2
15	64QAM	1	37	20.92	20.98	20.90		
15	64QAM	1	74	20.89	20.90	20.80		
15	64QAM	36	0	20.00	19.90	19.91	21	3
15	64QAM	36	20	19.78	20.02	19.94		
15	64QAM	36	39	19.89	19.96	19.75		
15	64QAM	75	0	19.84	19.94	19.80		
15	256QAM	1	0	18.02	17.95	17.93	19	5
15	256QAM	1	37	17.87	17.98	17.78		
15	256QAM	1	74	17.75	17.99	17.74		
15	256QAM	36	0	17.92	17.99	17.86	19	5
15	256QAM	36	20	17.91	17.99	18.00		
15	256QAM	36	39	17.84	17.90	17.97		
15	256QAM	75	0	17.95	17.88	17.85		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.22	23.25	23.23	24	0
10	QPSK	1	25	23.11	23.19	23.17		
10	QPSK	1	49	23.16	23.18	23.17		
10	QPSK	25	0	22.09	22.08	22.07	23	1
10	QPSK	25	12	21.98	22.05	22.01		
10	QPSK	25	25	22.00	22.03	21.95		
10	QPSK	50	0	21.93	22.00	21.92		
10	16QAM	1	0	21.92	21.94	21.96	23	1
10	16QAM	1	25	21.98	22.02	21.93		
10	16QAM	1	49	21.92	21.97	21.97		
10	16QAM	25	0	20.96	21.03	21.04	22	2
10	16QAM	25	12	20.90	20.96	20.94		
10	16QAM	25	25	20.83	20.91	20.85		
10	16QAM	50	0	20.85	21.01	20.89		
10	64QAM	1	0	20.91	20.99	20.98	22	2
10	64QAM	1	25	20.90	20.93	20.90		
10	64QAM	1	49	20.81	20.97	20.91		
10	64QAM	25	0	19.88	19.94	19.90	21	3
10	64QAM	25	12	19.85	19.98	19.91		
10	64QAM	25	25	19.92	20.00	19.89		
10	64QAM	50	0	19.88	19.99	19.83		
10	256QAM	1	0	17.94	17.98	17.91	19	5
10	256QAM	1	25	17.85	17.95	17.74		
10	256QAM	1	49	17.82	17.99	17.81		
10	256QAM	25	0	17.86	17.97	17.95	19	5
10	256QAM	25	12	18.01	18.02	17.97		
10	256QAM	25	25	17.90	17.91	17.94		
10	256QAM	50	0	17.87	17.87	17.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.25	23.25	23.22	24	0
5	QPSK	1	12	23.12	23.16	23.15		
5	QPSK	1	24	23.18	23.15	23.14		
5	QPSK	12	0	22.04	22.07	22.08	23	1
5	QPSK	12	7	22.03	22.02	22.02		
5	QPSK	12	13	21.95	22.01	21.95		
5	QPSK	25	0	21.97	22.04	21.97		
5	16QAM	1	0	21.93	21.97	21.95	23	1
5	16QAM	1	12	21.98	21.99	21.92		
5	16QAM	1	24	21.90	21.99	21.91		
5	16QAM	12	0	21.01	21.00	21.03	22	2
5	16QAM	12	7	20.98	20.96	20.91		
5	16QAM	12	13	20.84	20.89	20.80		
5	16QAM	25	0	20.91	21.05	21.00		
5	64QAM	1	0	20.98	20.93	20.97	22	2
5	64QAM	1	12	20.90	20.91	20.90		
5	64QAM	1	24	20.88	20.99	20.92		
5	64QAM	12	0	20.00	19.94	19.97	21	3
5	64QAM	12	7	19.82	19.99	19.89		
5	64QAM	12	13	19.93	20.01	19.87		
5	64QAM	25	0	19.93	19.95	19.85		
5	256QAM	1	0	17.97	17.95	17.83	19	5
5	256QAM	1	12	17.97	17.90	17.76		
5	256QAM	1	24	17.84	17.90	17.80		
5	256QAM	12	0	17.94	17.95	17.81	19	5
5	256QAM	12	7	17.93	18.02	17.99		
5	256QAM	12	13	17.81	17.97	17.93		
5	256QAM	25	0	17.85	17.87	17.78		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.25	23.25	23.26	24	0
3	QPSK	1	8	23.14	23.20	23.19		
3	QPSK	1	14	23.13	23.19	23.13		
3	QPSK	8	0	22.07	22.12	22.03	23	1
3	QPSK	8	4	22.00	22.03	22.01		
3	QPSK	8	7	21.98	22.03	21.97		
3	QPSK	15	0	21.95	22.03	21.94		
3	16QAM	1	0	21.92	21.98	21.95	23	1
3	16QAM	1	8	21.95	21.99	21.92		
3	16QAM	1	14	21.93	21.91	21.94		
3	16QAM	8	0	21.00	21.05	21.01	22	2
3	16QAM	8	4	20.90	21.00	20.91		
3	16QAM	8	7	20.80	20.99	20.77		
3	16QAM	15	0	20.95	20.97	20.94		
3	64QAM	1	0	21.01	20.96	21.04	22	2
3	64QAM	1	8	20.92	21.00	20.96		
3	64QAM	1	14	20.84	20.92	20.89		
3	64QAM	8	0	19.96	20.03	19.99	21	3
3	64QAM	8	4	19.79	20.03	19.96		
3	64QAM	8	7	19.99	19.96	19.80		
3	64QAM	15	0	19.86	20.06	19.90		
3	256QAM	1	0	17.94	18.02	17.87	19	5
3	256QAM	1	8	17.96	17.95	17.82		
3	256QAM	1	14	17.78	17.98	17.83		
3	256QAM	8	0	17.86	17.94	17.87	19	5
3	256QAM	8	4	17.97	17.97	17.90		
3	256QAM	8	7	17.83	17.94	18.01		
3	256QAM	15	0	17.86	17.97	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.23	23.26	23.22	24	0
1.4	QPSK	1	3	23.12	23.20	23.17		
1.4	QPSK	1	5	23.18	23.15	23.13		
1.4	QPSK	3	0	23.19	23.23	23.23		
1.4	QPSK	3	1	23.11	23.19	23.20		
1.4	QPSK	3	3	23.14	23.20	23.13		
1.4	QPSK	6	0	22.09	22.10	22.07	23	1
1.4	16QAM	1	0	21.98	22.01	22.00	23	1
1.4	16QAM	1	3	22.00	22.04	21.98		
1.4	16QAM	1	5	21.97	22.01	21.92		
1.4	16QAM	3	0	21.91	21.98	21.93		
1.4	16QAM	3	1	21.98	21.99	21.90		
1.4	16QAM	3	3	21.93	21.92	21.95		
1.4	16QAM	6	0	20.98	21.03	21.00	22	2
1.4	64QAM	1	0	20.91	20.97	20.98	22	2
1.4	64QAM	1	3	20.84	20.92	20.79		
1.4	64QAM	1	5	20.86	20.98	20.89		
1.4	64QAM	3	0	20.98	20.98	20.91		
1.4	64QAM	3	1	20.97	20.92	20.88		
1.4	64QAM	3	3	20.83	20.99	20.90		
1.4	64QAM	6	0	19.95	19.95	19.97	21	3
1.4	256QAM	1	0	17.90	17.99	17.90	19	5
1.4	256QAM	1	3	17.93	17.87	17.77		
1.4	256QAM	1	5	17.77	17.97	17.79		
1.4	256QAM	3	0	17.99	17.91	17.93		
1.4	256QAM	3	1	17.91	18.03	17.86		
1.4	256QAM	3	3	17.86	17.91	18.01		
1.4	256QAM	6	0	17.91	17.90	17.75	19	5

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	21.95	21.98	21.93	23	0
20	QPSK	1	49	21.88	21.94	21.92		
20	QPSK	1	99	21.92	21.96	21.86		
20	QPSK	50	0	21.32	21.35	21.31	22	1
20	QPSK	50	24	21.30	21.32	21.26		
20	QPSK	50	50	21.30	21.31	21.29		
20	QPSK	100	0	21.31	21.33	21.30		
20	16QAM	1	0	21.31	21.31	21.28	22	1
20	16QAM	1	49	21.28	21.33	21.29		
20	16QAM	1	99	21.30	21.30	21.27		
20	16QAM	50	0	20.32	20.34	20.30	21	2
20	16QAM	50	24	20.25	20.30	20.26		
20	16QAM	50	50	20.26	20.29	20.27		
20	16QAM	100	0	20.27	20.28	20.26		
20	64QAM	1	0	20.27	20.30	20.28	21	2
20	64QAM	1	49	20.28	20.27	20.29		
20	64QAM	1	99	20.27	20.28	20.29		
20	64QAM	50	0	19.31	19.33	19.30	20	3
20	64QAM	50	24	19.28	19.31	19.24		
20	64QAM	50	50	19.25	19.28	19.28		
20	64QAM	100	0	19.25	19.30	19.29		
20	256QAM	1	0	17.27	17.32	17.29	18	5
20	256QAM	1	49	17.29	17.33	17.24		
20	256QAM	1	99	17.32	17.31	17.28		
20	256QAM	50	0	17.33	17.36	17.31	18	5
20	256QAM	50	24	17.26	17.32	17.26		
20	256QAM	50	50	17.32	17.35	17.24		
20	256QAM	100	0	17.27	17.31	17.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.93	21.95	21.88	23	0
15	QPSK	1	37	21.84	21.87	21.90		
15	QPSK	1	74	21.91	21.92	21.79		
15	QPSK	36	0	21.30	21.33	21.30	22	1
15	QPSK	36	20	21.27	21.28	21.23		
15	QPSK	36	39	21.26	21.28	21.22		
15	QPSK	75	0	21.24	21.27	21.28		
15	16QAM	1	0	21.28	21.26	21.23	22	1
15	16QAM	1	37	21.24	21.32	21.24		
15	16QAM	1	74	21.23	21.23	21.19		
15	16QAM	36	0	20.25	20.25	20.26	21	2
15	16QAM	36	20	20.17	20.23	20.24		
15	16QAM	36	39	20.16	20.28	20.26		
15	16QAM	75	0	20.18	20.21	20.15		
15	64QAM	1	0	20.26	20.25	20.16	21	2
15	64QAM	1	37	20.19	20.21	20.20		
15	64QAM	1	74	20.17	20.18	20.17		
15	64QAM	36	0	19.19	19.31	19.20	20	3
15	64QAM	36	20	19.20	19.21	19.16		
15	64QAM	36	39	19.14	19.22	19.13		
15	64QAM	75	0	19.21	19.27	19.25		
15	256QAM	1	0	17.21	17.19	17.23	18	5
15	256QAM	1	37	17.23	17.31	17.14		
15	256QAM	1	74	17.30	17.21	17.20		
15	256QAM	36	0	17.23	17.28	17.19	18	5
15	256QAM	36	20	17.23	17.20	17.20		
15	256QAM	36	39	17.17	17.28	17.12		
15	256QAM	75	0	17.17	17.28	17.21		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.88	21.97	21.87	23	0
10	QPSK	1	25	21.81	21.87	21.85		
10	QPSK	1	49	21.87	21.89	21.81		
10	QPSK	25	0	21.30	21.31	21.25	22	1
10	QPSK	25	12	21.23	21.27	21.25		
10	QPSK	25	25	21.26	21.24	21.22		
10	QPSK	50	0	21.30	21.27	21.28		
10	16QAM	1	0	21.27	21.28	21.24	22	1
10	16QAM	1	25	21.27	21.28	21.22		
10	16QAM	1	49	21.29	21.21	21.23		
10	16QAM	25	0	20.25	20.26	20.28	21	2
10	16QAM	25	12	20.18	20.22	20.24		
10	16QAM	25	25	20.11	20.27	20.20		
10	16QAM	50	0	20.19	20.26	20.20		
10	64QAM	1	0	20.19	20.18	20.26	21	2
10	64QAM	1	25	20.17	20.21	20.21		
10	64QAM	1	49	20.13	20.23	20.15		
10	64QAM	25	0	19.27	19.22	19.18	20	3
10	64QAM	25	12	19.21	19.20	19.19		
10	64QAM	25	25	19.20	19.16	19.15		
10	64QAM	50	0	19.11	19.24	19.18		
10	256QAM	1	0	17.19	17.28	17.28	18	5
10	256QAM	1	25	17.14	17.32	17.21		
10	256QAM	1	49	17.20	17.30	17.24		
10	256QAM	25	0	17.30	17.26	17.24	18	5
10	256QAM	25	12	17.11	17.19	17.23		
10	256QAM	25	25	17.19	17.24	17.21		
10	256QAM	50	0	17.18	17.23	17.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.88	21.92	21.91	23	0
5	QPSK	1	12	21.82	21.88	21.89		
5	QPSK	1	24	21.91	21.94	21.85		
5	QPSK	12	0	21.29	21.34	21.29	22	1
5	QPSK	12	7	21.29	21.28	21.24		
5	QPSK	12	13	21.28	21.29	21.24		
5	QPSK	25	0	21.29	21.31	21.26		
5	16QAM	1	0	21.24	21.24	21.26	22	1
5	16QAM	1	12	21.27	21.29	21.22		
5	16QAM	1	24	21.23	21.29	21.23		
5	16QAM	12	0	20.28	20.30	20.25	21	2
5	16QAM	12	7	20.24	20.21	20.24		
5	16QAM	12	13	20.24	20.16	20.12		
5	16QAM	25	0	20.12	20.14	20.20		
5	64QAM	1	0	20.25	20.23	20.15	21	2
5	64QAM	1	12	20.13	20.14	20.24		
5	64QAM	1	24	20.20	20.16	20.19		
5	64QAM	12	0	19.25	19.25	19.21	20	3
5	64QAM	12	7	19.19	19.26	19.19		
5	64QAM	12	13	19.14	19.16	19.19		
5	64QAM	25	0	19.22	19.27	19.20		
5	256QAM	1	0	17.14	17.31	17.20	18	5
5	256QAM	1	12	17.14	17.30	17.12		
5	256QAM	1	24	17.22	17.22	17.24		
5	256QAM	12	0	17.22	17.27	17.16	18	5
5	256QAM	12	7	17.12	17.30	17.22		
5	256QAM	12	13	17.25	17.29	17.18		
5	256QAM	25	0	17.23	17.24	17.25		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.92	21.95	21.87	23	0
3	QPSK	1	8	21.85	21.89	21.87		
3	QPSK	1	14	21.89	21.92	21.85		
3	QPSK	8	0	21.26	21.30	21.29	22	1
3	QPSK	8	4	21.28	21.28	21.23		
3	QPSK	8	7	21.23	21.27	21.24		
3	QPSK	15	0	21.27	21.31	21.26		
3	16QAM	1	0	21.24	21.25	21.25	22	1
3	16QAM	1	8	21.23	21.30	21.23		
3	16QAM	1	14	21.27	21.26	21.20		
3	16QAM	8	0	20.24	20.30	20.29	21	2
3	16QAM	8	4	20.22	20.25	20.17		
3	16QAM	8	7	20.20	20.19	20.13		
3	16QAM	15	0	20.19	20.25	20.16		
3	64QAM	1	0	20.20	20.26	20.14	21	2
3	64QAM	1	8	20.26	20.19	20.25		
3	64QAM	1	14	20.12	20.22	20.28		
3	64QAM	8	0	19.30	19.23	19.21	20	3
3	64QAM	8	4	19.15	19.18	19.09		
3	64QAM	8	7	19.19	19.27	19.17		
3	64QAM	15	0	19.20	19.25	19.24		
3	256QAM	1	0	17.13	17.22	17.25	18	5
3	256QAM	1	8	17.27	17.21	17.17		
3	256QAM	1	14	17.23	17.30	17.16		
3	256QAM	8	0	17.29	17.25	17.18	18	5
3	256QAM	8	4	17.12	17.21	17.13		
3	256QAM	8	7	17.22	17.34	17.09		
3	256QAM	15	0	17.21	17.27	17.20		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.89	21.93	21.87	23	0
1.4	QPSK	1	3	21.84	21.90	21.85		
1.4	QPSK	1	5	21.88	21.93	21.84		
1.4	QPSK	3	0	21.94	21.94	21.90		
1.4	QPSK	3	1	21.81	21.87	21.86		
1.4	QPSK	3	3	21.89	21.91	21.79		
1.4	QPSK	6	0	21.31	21.32	21.28	22	1
1.4	16QAM	1	0	21.26	21.29	21.19	22	1
1.4	16QAM	1	3	21.25	21.30	21.23		
1.4	16QAM	1	5	21.26	21.30	21.27		
1.4	16QAM	3	0	21.25	21.28	21.25		
1.4	16QAM	3	1	21.22	21.28	21.28		
1.4	16QAM	3	3	21.24	21.26	21.25		
1.4	16QAM	6	0	20.31	20.31	20.21	21	2
1.4	64QAM	1	0	20.24	20.22	20.18	21	2
1.4	64QAM	1	3	20.18	20.28	20.23		
1.4	64QAM	1	5	20.17	20.15	20.20		
1.4	64QAM	3	0	20.21	20.17	20.23		
1.4	64QAM	3	1	20.16	20.23	20.19		
1.4	64QAM	3	3	20.16	20.13	20.20		
1.4	64QAM	6	0	19.29	19.28	19.18	20	3
1.4	256QAM	1	0	17.23	17.27	17.15	18	5
1.4	256QAM	1	3	17.20	17.30	17.23		
1.4	256QAM	1	5	17.18	17.21	17.25		
1.4	256QAM	3	0	17.28	17.30	17.27		
1.4	256QAM	3	1	17.11	17.22	17.16		
1.4	256QAM	3	3	17.29	17.25	17.13		
1.4	256QAM	6	0	17.19	17.25	17.25	18	5

Band 71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.55	23.58	23.53	24	0
20	QPSK	1	49	23.48	23.53	23.47		
20	QPSK	1	99	23.51	23.51	23.51		
20	QPSK	50	0	22.58	22.60	22.52	23	1
20	QPSK	50	24	22.53	22.58	22.49		
20	QPSK	50	50	22.53	22.56	22.47		
20	QPSK	100	0	22.52	22.54	22.48		
20	16QAM	1	0	22.55	22.58	22.47	23	1
20	16QAM	1	49	22.54	22.58	22.46		
20	16QAM	1	99	22.57	22.59	22.51		
20	16QAM	50	0	21.58	21.61	21.55	22	2
20	16QAM	50	24	21.51	21.58	21.51		
20	16QAM	50	50	21.52	21.54	21.48		
20	16QAM	100	0	21.57	21.59	21.50		
20	64QAM	1	0	21.54	21.58	21.49	22	2
20	64QAM	1	49	21.53	21.54	21.50		
20	64QAM	1	99	21.57	21.54	21.49		
20	64QAM	50	0	20.56	20.59	20.53	21	3
20	64QAM	50	24	20.52	20.57	20.50		
20	64QAM	50	50	20.55	20.53	20.47		
20	64QAM	100	0	20.51	20.54	20.50		
20	256QAM	1	0	18.58	18.55	18.52	19	5
20	256QAM	1	49	18.56	18.59	18.55		
20	256QAM	1	99	18.53	18.60	18.52		
20	256QAM	50	0	18.60	18.62	18.58	19	5
20	256QAM	50	24	18.56	18.61	18.56		
20	256QAM	50	50	18.59	18.56	18.56		
20	256QAM	100	0	18.58	18.57	18.52		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.48	23.54	23.50	24	0
15	QPSK	1	37	23.41	23.48	23.46		
15	QPSK	1	74	23.47	23.48	23.47		
15	QPSK	36	0	22.55	22.55	22.51	23	1
15	QPSK	36	20	22.47	22.55	22.44		
15	QPSK	36	39	22.48	22.49	22.43		
15	QPSK	75	0	22.49	22.50	22.41		
15	16QAM	1	0	22.48	22.51	22.41	23	1
15	16QAM	1	37	22.52	22.52	22.39		
15	16QAM	1	74	22.54	22.54	22.49		
15	16QAM	36	0	21.53	21.52	21.50	22	2
15	16QAM	36	20	21.48	21.57	21.42		
15	16QAM	36	39	21.44	21.53	21.47		
15	16QAM	75	0	21.44	21.50	21.41		
15	64QAM	1	0	21.39	21.56	21.44	22	2
15	64QAM	1	37	21.48	21.52	21.44		
15	64QAM	1	74	21.46	21.52	21.37		
15	64QAM	36	0	20.47	20.57	20.42	21	3
15	64QAM	36	20	20.48	20.42	20.41		
15	64QAM	36	39	20.42	20.46	20.32		
15	64QAM	75	0	20.47	20.52	20.35		
15	256QAM	1	0	18.51	18.53	18.37	19	5
15	256QAM	1	37	18.44	18.53	18.41		
15	256QAM	1	74	18.52	18.46	18.43		
15	256QAM	36	0	18.56	18.56	18.57	19	5
15	256QAM	36	20	18.55	18.57	18.49		
15	256QAM	36	39	18.49	18.54	18.45		
15	256QAM	75	0	18.51	18.48	18.48		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.48	23.55	23.46	24	0
10	QPSK	1	25	23.45	23.48	23.40		
10	QPSK	1	49	23.50	23.46	23.50		
10	QPSK	25	0	22.52	22.57	22.51	23	1
10	QPSK	25	12	22.48	22.55	22.45		
10	QPSK	25	25	22.48	22.55	22.40		
10	QPSK	50	0	22.50	22.51	22.44		
10	16QAM	1	0	22.51	22.53	22.43	23	1
10	16QAM	1	25	22.47	22.53	22.40		
10	16QAM	1	49	22.50	22.51	22.44		
10	16QAM	25	0	21.51	21.57	21.46	22	2
10	16QAM	25	12	21.44	21.51	21.45		
10	16QAM	25	25	21.50	21.47	21.35		
10	16QAM	50	0	21.53	21.52	21.42		
10	64QAM	1	0	21.46	21.50	21.38	22	2
10	64QAM	1	25	21.50	21.42	21.45		
10	64QAM	1	49	21.48	21.53	21.46		
10	64QAM	25	0	20.50	20.46	20.38	21	3
10	64QAM	25	12	20.40	20.42	20.49		
10	64QAM	25	25	20.46	20.43	20.44		
10	64QAM	50	0	20.42	20.41	20.40		
10	256QAM	1	0	18.54	18.51	18.41	19	5
10	256QAM	1	25	18.50	18.57	18.49		
10	256QAM	1	49	18.46	18.50	18.45		
10	256QAM	25	0	18.55	18.59	18.53	19	5
10	256QAM	25	12	18.53	18.55	18.45		
10	256QAM	25	25	18.54	18.43	18.45		
10	256QAM	50	0	18.57	18.47	18.38		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.52	23.53	23.47	24	0
5	QPSK	1	12	23.41	23.52	23.46		
5	QPSK	1	24	23.50	23.45	23.47		
5	QPSK	12	0	22.54	22.56	22.50	23	1
5	QPSK	12	7	22.46	22.57	22.42		
5	QPSK	12	13	22.47	22.52	22.41		
5	QPSK	25	0	22.47	22.53	22.41		
5	16QAM	1	0	22.50	22.53	22.46	23	1
5	16QAM	1	12	22.50	22.55	22.44		
5	16QAM	1	24	22.53	22.58	22.48		
5	16QAM	12	0	21.53	21.54	21.54	22	2
5	16QAM	12	7	21.48	21.51	21.46		
5	16QAM	12	13	21.38	21.39	21.38		
5	16QAM	25	0	21.51	21.58	21.48		
5	64QAM	1	0	21.51	21.44	21.37	22	2
5	64QAM	1	12	21.52	21.45	21.46		
5	64QAM	1	24	21.48	21.53	21.34		
5	64QAM	12	0	20.54	20.56	20.49	21	3
5	64QAM	12	7	20.44	20.43	20.43		
5	64QAM	12	13	20.54	20.47	20.32		
5	64QAM	25	0	20.40	20.44	20.49		
5	256QAM	1	0	18.47	18.54	18.49	19	5
5	256QAM	1	12	18.49	18.52	18.43		
5	256QAM	1	24	18.51	18.58	18.50		
5	256QAM	12	0	18.47	18.61	18.52	19	5
5	256QAM	12	7	18.44	18.56	18.44		
5	256QAM	12	13	18.56	18.43	18.47		
5	256QAM	25	0	18.44	18.44	18.38		

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.11	23.15	22.93	24	0
20	QPSK	1	49	23.06	23.09	22.89		
20	QPSK	1	99	23.08	23.09	22.91		
20	QPSK	50	0	22.03	22.05	21.98	23	1
20	QPSK	50	24	22.01	22.02	21.95		
20	QPSK	50	50	21.96	22.00	21.96		
20	QPSK	100	0	22.00	22.03	21.93		
20	16QAM	1	0	21.94	21.98	21.97	23	1
20	16QAM	1	49	21.94	22.01	21.99		
20	16QAM	1	99	21.91	21.97	21.95		
20	16QAM	50	0	20.93	20.98	20.93	22	2
20	16QAM	50	24	20.91	20.95	20.89		
20	16QAM	50	50	20.86	20.92	20.87		
20	16QAM	100	0	20.90	20.93	20.89		
20	64QAM	1	0	20.93	20.97	20.91	22	2
20	64QAM	1	49	20.91	20.92	20.89		
20	64QAM	1	99	20.76	20.89	20.84		
20	64QAM	50	0	19.89	19.99	19.96	21	3
20	64QAM	50	24	19.77	19.92	19.84		
20	64QAM	50	50	19.76	19.89	19.86		
20	64QAM	100	0	19.93	19.95	19.84		
20	256QAM	1	0	17.96	18.00	17.89	19	5
20	256QAM	1	49	17.76	17.90	17.85		
20	256QAM	1	99	17.85	17.95	17.85		
20	256QAM	50	0	17.99	18.01	17.97	19	5
20	256QAM	50	24	17.78	17.89	17.79		
20	256QAM	50	50	17.78	17.93	17.82		
20	256QAM	100	0	17.87	17.95	17.90		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.04	23.09	22.86	24	0
15	QPSK	1	37	23.04	23.03	22.86		
15	QPSK	1	74	23.05	23.06	22.89		
15	QPSK	36	0	22.02	22.03	21.97	23	1
15	QPSK	36	20	21.97	21.97	21.93		
15	QPSK	36	39	21.92	21.93	21.89		
15	QPSK	75	0	21.94	22.00	21.87		
15	16QAM	1	0	21.88	21.94	21.96	23	1
15	16QAM	1	37	21.91	21.98	21.98		
15	16QAM	1	74	21.84	21.95	21.92		
15	16QAM	36	0	20.92	20.94	20.90	22	2
15	16QAM	36	20	20.85	20.94	20.81		
15	16QAM	36	39	20.84	20.87	20.72		
15	16QAM	75	0	20.81	20.88	20.88		
15	64QAM	1	0	20.90	20.88	20.89	22	2
15	64QAM	1	37	20.76	20.83	20.86		
15	64QAM	1	74	20.66	20.88	20.77		
15	64QAM	36	0	19.77	19.87	19.93	21	3
15	64QAM	36	20	19.76	19.84	19.83		
15	64QAM	36	39	19.64	19.77	19.83		
15	64QAM	75	0	19.90	19.94	19.83		
15	256QAM	1	0	17.81	17.95	17.76	19	5
15	256QAM	1	37	17.71	17.80	17.72		
15	256QAM	1	74	17.76	17.84	17.77		
15	256QAM	36	0	17.92	17.96	17.84	19	5
15	256QAM	36	20	17.66	17.82	17.66		
15	256QAM	36	39	17.71	17.88	17.77		
15	256QAM	75	0	17.75	17.87	17.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.07	23.11	22.91	24	0
10	QPSK	1	25	23.01	23.02	22.84		
10	QPSK	1	49	23.07	23.08	22.86		
10	QPSK	25	0	21.96	22.02	21.95	23	1
10	QPSK	25	12	21.94	21.97	21.89		
10	QPSK	25	25	21.94	21.99	21.93		
10	QPSK	50	0	21.99	22.00	21.88		
10	16QAM	1	0	21.87	21.96	21.94	23	1
10	16QAM	1	25	21.91	22.00	21.95		
10	16QAM	1	49	21.83	21.92	21.94		
10	16QAM	25	0	20.88	20.97	20.92	22	2
10	16QAM	25	12	20.90	20.86	20.81		
10	16QAM	25	25	20.79	20.91	20.85		
10	16QAM	50	0	20.88	20.82	20.80		
10	64QAM	1	0	20.80	20.90	20.90	22	2
10	64QAM	1	25	20.80	20.88	20.77		
10	64QAM	1	49	20.66	20.86	20.72		
10	64QAM	25	0	19.83	19.84	19.90	21	3
10	64QAM	25	12	19.64	19.89	19.70		
10	64QAM	25	25	19.69	19.82	19.71		
10	64QAM	50	0	19.85	19.89	19.73		
10	256QAM	1	0	17.86	17.94	17.87	19	5
10	256QAM	1	25	17.75	17.80	17.76		
10	256QAM	1	49	17.76	17.92	17.79		
10	256QAM	25	0	17.90	17.90	17.83	19	5
10	256QAM	25	12	17.72	17.78	17.74		
10	256QAM	25	25	17.74	17.92	17.71		
10	256QAM	50	0	17.79	17.88	17.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.07	23.12	22.86	24	0
5	QPSK	1	12	23.04	23.08	22.82		
5	QPSK	1	24	23.04	23.04	22.84		
5	QPSK	12	0	22.00	21.98	21.96	23	1
5	QPSK	12	7	21.94	21.98	21.93		
5	QPSK	12	13	21.94	21.95	21.92		
5	QPSK	25	0	21.95	22.00	21.92		
5	16QAM	1	0	21.88	21.93	21.95	23	1
5	16QAM	1	12	21.89	21.96	21.96		
5	16QAM	1	24	21.89	21.91	21.89		
5	16QAM	12	0	20.90	20.94	20.84	22	2
5	16QAM	12	7	20.85	20.94	20.87		
5	16QAM	12	13	20.77	20.85	20.86		
5	16QAM	25	0	20.85	20.85	20.86		
5	64QAM	1	0	20.90	20.94	20.86	22	2
5	64QAM	1	12	20.83	20.90	20.83		
5	64QAM	1	24	20.69	20.84	20.83		
5	64QAM	12	0	19.80	19.94	19.81	21	3
5	64QAM	12	7	19.76	19.83	19.73		
5	64QAM	12	13	19.71	19.88	19.81		
5	64QAM	25	0	19.79	19.86	19.81		
5	256QAM	1	0	17.89	17.88	17.87	19	5
5	256QAM	1	12	17.72	17.84	17.70		
5	256QAM	1	24	17.72	17.91	17.74		
5	256QAM	12	0	17.90	17.88	17.85	19	5
5	256QAM	12	7	17.71	17.82	17.78		
5	256QAM	12	13	17.69	17.86	17.80		
5	256QAM	25	0	17.84	17.80	17.86		

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	22.11	22.13	22.10	23	0
20	QPSK	1	49	22.10	22.10	22.07		
20	QPSK	1	99	22.07	22.12	22.04		
20	QPSK	50	0	21.07	21.09	21.05	22	1
20	QPSK	50	24	21.02	21.05	21.03		
20	QPSK	50	50	21.00	21.04	21.03		
20	QPSK	100	0	21.05	21.07	21.03		
20	16QAM	1	0	21.00	21.05	21.00	22	1
20	16QAM	1	49	21.01	21.08	21.03		
20	16QAM	1	99	21.04	21.02	21.00		
20	16QAM	50	0	20.02	20.05	20.00	21	2
20	16QAM	50	24	19.96	20.01	19.94		
20	16QAM	50	50	19.97	19.98	19.97		
20	16QAM	100	0	20.00	20.01	19.94		
20	64QAM	1	0	19.95	20.04	19.93	21	2
20	64QAM	1	49	19.98	20.04	19.93		
20	64QAM	1	99	19.99	20.03	19.99		
20	64QAM	50	0	19.01	19.03	19.00	20	3
20	64QAM	50	24	18.96	18.98	18.98		
20	64QAM	50	50	18.99	19.02	18.95		
20	64QAM	100	0	18.98	19.01	18.96		
20	256QAM	1	0	17.01	17.03	16.99	18	5
20	256QAM	1	49	17.01	16.98	16.96		
20	256QAM	1	99	16.96	16.98	16.94		
20	256QAM	50	0	17.03	17.05	17.01	18	5
20	256QAM	50	24	16.97	16.99	16.96		
20	256QAM	50	50	16.97	17.02	16.95		
20	256QAM	100	0	16.98	17.02	17.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.06	22.11	22.04	23	0
15	QPSK	1	37	22.06	22.08	22.05		
15	QPSK	1	74	22.02	22.06	21.98		
15	QPSK	36	0	21.01	21.04	21.04	22	1
15	QPSK	36	20	20.98	21.02	20.98		
15	QPSK	36	39	20.94	20.99	21.02		
15	QPSK	75	0	21.02	21.05	21.01		
15	16QAM	1	0	20.96	21.04	20.96	22	1
15	16QAM	1	37	20.97	21.04	20.97		
15	16QAM	1	74	20.98	20.95	20.97		
15	16QAM	36	0	20.00	19.96	19.91	21	2
15	16QAM	36	20	19.91	19.96	19.88		
15	16QAM	36	39	19.93	19.86	19.94		
15	16QAM	75	0	19.86	19.89	19.86		
15	64QAM	1	0	19.91	19.99	19.89	21	2
15	64QAM	1	37	19.95	20.02	19.92		
15	64QAM	1	74	19.97	19.91	19.88		
15	64QAM	36	0	18.91	19.01	18.99	20	3
15	64QAM	36	20	18.91	18.96	18.89		
15	64QAM	36	39	18.94	18.94	18.82		
15	64QAM	75	0	18.90	18.88	18.82		
15	256QAM	1	0	16.88	16.97	16.97	18	5
15	256QAM	1	37	16.87	16.85	16.95		
15	256QAM	1	74	16.84	16.85	16.91		
15	256QAM	36	0	16.97	17.02	16.97	18	5
15	256QAM	36	20	16.91	16.89	16.88		
15	256QAM	36	39	16.88	16.89	16.87		
15	256QAM	75	0	16.97	16.88	16.96		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.06	22.06	22.05	23	0
10	QPSK	1	25	22.05	22.07	22.01		
10	QPSK	1	49	22.02	22.06	21.98		
10	QPSK	25	0	21.01	21.07	20.98	22	1
10	QPSK	25	12	21.01	20.98	20.97		
10	QPSK	25	25	20.99	20.97	21.00		
10	QPSK	50	0	21.03	21.03	21.02		
10	16QAM	1	0	20.96	21.02	20.94	22	1
10	16QAM	1	25	20.96	21.02	20.96		
10	16QAM	1	49	21.01	20.98	20.97		
10	16QAM	25	0	19.94	19.96	19.93	21	2
10	16QAM	25	12	19.89	19.96	19.89		
10	16QAM	25	25	19.90	19.92	19.94		
10	16QAM	50	0	19.85	19.87	19.87		
10	64QAM	1	0	19.92	20.01	19.90	21	2
10	64QAM	1	25	19.97	20.01	19.90		
10	64QAM	1	49	19.94	19.92	19.87		
10	64QAM	25	0	18.93	18.99	18.86	20	3
10	64QAM	25	12	18.91	18.89	18.92		
10	64QAM	25	25	18.84	18.88	18.80		
10	64QAM	50	0	18.89	18.96	18.94		
10	256QAM	1	0	16.88	16.95	16.86	18	5
10	256QAM	1	25	16.99	16.84	16.91		
10	256QAM	1	49	16.82	16.90	16.90		
10	256QAM	25	0	17.02	16.93	16.94	18	5
10	256QAM	25	12	16.95	16.98	16.88		
10	256QAM	25	25	16.96	16.99	16.83		
10	256QAM	50	0	16.85	17.01	16.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.07	22.08	22.05	23	0
5	QPSK	1	12	22.04	22.03	22.01		
5	QPSK	1	24	22.03	22.06	22.03		
5	QPSK	12	0	21.04	21.02	21.01	22	1
5	QPSK	12	7	20.96	20.99	20.96		
5	QPSK	12	13	20.93	20.98	21.01		
5	QPSK	25	0	21.00	21.05	21.00		
5	16QAM	1	0	20.93	20.99	20.97	22	1
5	16QAM	1	12	20.96	21.05	20.97		
5	16QAM	1	24	21.01	20.96	20.95		
5	16QAM	12	0	19.94	19.97	19.95	21	2
5	16QAM	12	7	19.87	19.93	19.89		
5	16QAM	12	13	19.94	19.95	19.82		
5	16QAM	25	0	19.88	19.90	19.79		
5	64QAM	1	0	19.94	19.92	19.79	21	2
5	64QAM	1	12	19.96	19.98	19.84		
5	64QAM	1	24	19.92	19.91	19.96		
5	64QAM	12	0	18.87	19.00	18.99	20	3
5	64QAM	12	7	18.87	18.93	18.95		
5	64QAM	12	13	18.94	18.91	18.87		
5	64QAM	25	0	18.93	18.92	18.90		
5	256QAM	1	0	16.88	17.01	16.84	18	5
5	256QAM	1	12	16.88	16.92	16.87		
5	256QAM	1	24	16.83	16.85	16.87		
5	256QAM	12	0	17.00	16.98	16.87	18	5
5	256QAM	12	7	16.91	16.98	16.89		
5	256QAM	12	13	16.83	16.93	16.94		
5	256QAM	25	0	16.94	16.92	16.92		

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.03	23.25	22.95	22.98	22.93	24	0
20	QPSK	1	49	23.01	23.20	22.92	22.93	22.86		
20	QPSK	1	99	23.02	23.22	22.93	22.93	22.89		
20	QPSK	50	0	22.01	22.26	21.96	21.98	21.95	23	1
20	QPSK	50	24	21.99	22.25	21.95	21.92	21.91		
20	QPSK	50	50	21.99	22.21	21.94	21.97	21.90		
20	QPSK	100	0	21.95	22.24	21.90	21.91	21.88		
20	16QAM	1	0	21.94	22.19	21.89	21.94	21.94	23	1
20	16QAM	1	49	21.95	22.23	21.91	21.95	21.93		
20	16QAM	1	99	21.95	22.19	21.93	21.97	21.92		
20	16QAM	50	0	21.03	21.26	20.98	20.99	20.93	22	2
20	16QAM	50	24	21.02	21.23	20.94	20.94	20.90		
20	16QAM	50	50	20.98	21.25	20.97	20.95	20.89		
20	16QAM	100	0	21.02	21.21	20.96	20.93	20.88		
20	64QAM	1	0	20.96	21.20	20.96	20.92	20.92	22	2
20	64QAM	1	49	20.96	21.23	20.95	20.93	20.90		
20	64QAM	1	99	20.98	21.19	20.96	20.95	20.92		
20	64QAM	50	0	20.05	20.25	20.00	20.02	19.95	21	3
20	64QAM	50	24	19.98	20.22	19.98	19.97	19.94		
20	64QAM	50	50	19.98	20.22	19.98	20.00	19.93		
20	64QAM	100	0	20.00	20.22	19.97	19.97	19.91		
20	256QAM	1	0	18.02	18.21	17.99	18.04	17.91	19	5
20	256QAM	1	49	18.03	18.27	17.96	18.02	17.91		
20	256QAM	1	99	17.99	18.21	18.01	18.03	17.91		
20	256QAM	50	0	18.06	18.28	18.02	18.05	17.98	19	5
20	256QAM	50	24	18.03	18.27	17.98	18.04	17.97		
20	256QAM	50	50	18.04	18.22	17.99	18.00	17.94		
20	256QAM	100	0	18.00	18.26	18.01	18.01	17.93		
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	22.98	23.23	22.91	22.96	22.91	24	0
15	QPSK	1	37	22.99	23.18	22.90	22.92	22.85		
15	QPSK	1	74	22.95	23.20	22.88	22.88	22.84		
15	QPSK	36	0	21.99	22.21	21.89	21.97	21.89	23	1
15	QPSK	36	20	21.93	22.20	21.93	21.86	21.87		
15	QPSK	36	39	21.92	22.16	21.91	21.91	21.83		
15	QPSK	75	0	21.92	22.18	21.83	21.84	21.82		
15	16QAM	1	0	21.89	22.18	21.83	21.91	21.91	23	1
15	16QAM	1	37	21.91	22.16	21.85	21.88	21.91		
15	16QAM	1	74	21.91	22.15	21.85	21.95	21.91		
15	16QAM	36	0	20.99	21.17	20.97	20.98	20.84	22	2
15	16QAM	36	20	20.97	21.14	20.91	20.87	20.86		
15	16QAM	36	39	20.83	21.21	20.96	20.85	20.85		
15	16QAM	75	0	20.88	21.19	20.87	20.80	20.80		
15	64QAM	1	0	20.95	21.16	20.86	20.79	20.90	22	2
15	64QAM	1	37	20.92	21.22	20.91	20.87	20.88		
15	64QAM	1	74	20.87	21.18	20.93	20.85	20.78		
15	64QAM	36	0	19.95	20.16	19.95	19.94	19.80	21	3
15	64QAM	36	20	19.84	20.15	19.89	19.92	19.83		
15	64QAM	36	39	19.85	20.19	19.97	19.88	19.82		
15	64QAM	75	0	19.89	20.19	19.93	19.91	19.76		
15	256QAM	1	0	17.94	18.15	17.85	17.99	17.81	19	5
15	256QAM	1	37	17.98	18.21	17.94	18.01	17.88		
15	256QAM	1	74	17.90	18.19	17.93	17.97	17.83		
15	256QAM	36	0	17.98	18.27	17.92	18.04	17.84	19	5
15	256QAM	36	20	17.98	18.14	17.96	17.93	17.85		
15	256QAM	36	39	18.03	18.08	17.85	17.92	17.86		
15	256QAM	75	0	17.94	18.22	17.90	17.98	17.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.00	23.23	22.90	22.95	22.87	24	0
10	QPSK	1	25	22.96	23.14	22.85	22.91	22.82		
10	QPSK	1	49	22.96	23.18	22.89	22.92	22.87		
10	QPSK	25	0	21.95	22.23	21.89	21.93	21.94	23	1
10	QPSK	25	12	21.97	22.19	21.90	21.91	21.84		
10	QPSK	25	25	21.98	22.19	21.93	21.95	21.84		
10	QPSK	50	0	21.88	22.18	21.83	21.83	21.85		
10	16QAM	1	0	21.88	22.17	21.86	21.89	21.89	23	1
10	16QAM	1	25	21.94	22.22	21.85	21.91	21.92		
10	16QAM	1	49	21.91	22.14	21.90	21.89	21.84		
10	16QAM	25	0	20.98	21.17	20.92	20.95	20.86	22	2
10	16QAM	25	12	20.93	21.18	20.91	20.86	20.87		
10	16QAM	25	25	20.94	21.16	20.95	20.84	20.80		
10	16QAM	50	0	21.01	21.16	20.83	20.81	20.81		
10	64QAM	1	0	20.86	21.07	20.90	20.82	20.84	22	2
10	64QAM	1	25	20.92	21.14	20.87	20.86	20.85		
10	64QAM	1	49	20.84	21.04	20.90	20.80	20.89		
10	64QAM	25	0	19.96	20.11	19.98	20.00	19.86	21	3
10	64QAM	25	12	19.83	20.21	19.94	19.82	19.85		
10	64QAM	25	25	19.87	20.14	19.84	19.98	19.82		
10	64QAM	50	0	19.94	20.16	19.84	19.91	19.88		
10	256QAM	1	0	17.98	18.13	17.89	17.92	17.89	19	5
10	256QAM	1	25	18.00	18.22	17.82	17.92	17.89		
10	256QAM	1	49	17.97	18.12	17.93	18.00	17.81		
10	256QAM	25	0	17.92	18.17	17.87	17.90	17.91	19	5
10	256QAM	25	12	17.94	18.25	17.94	17.99	17.94		
10	256QAM	25	25	17.91	18.10	17.91	17.89	17.81		
10	256QAM	50	0	17.90	18.11	17.93	17.87	17.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.00	23.22	22.94	22.94	22.88	24	0
5	QPSK	1	12	22.97	23.14	22.90	22.90	22.85		
5	QPSK	1	24	22.98	23.21	22.90	22.88	22.86		
5	QPSK	12	0	21.95	22.25	21.94	21.93	21.92	23	1
5	QPSK	12	7	21.94	22.22	21.94	21.86	21.87		
5	QPSK	12	13	21.92	22.14	21.90	21.95	21.87		
5	QPSK	25	0	21.92	22.19	21.89	21.84	21.87		
5	16QAM	1	0	21.91	22.17	21.85	21.87	21.93	23	1
5	16QAM	1	12	21.94	22.20	21.86	21.88	21.92		
5	16QAM	1	24	21.91	22.10	21.92	21.95	21.91		
5	16QAM	12	0	21.00	21.19	20.94	20.94	20.85	22	2
5	16QAM	12	7	21.01	21.16	20.85	20.92	20.87		
5	16QAM	12	13	20.85	21.12	20.88	20.91	20.77		
5	16QAM	25	0	21.00	21.19	20.89	20.83	20.73		
5	64QAM	1	0	20.81	21.07	20.85	20.83	20.88	22	2
5	64QAM	1	12	20.86	21.21	20.86	20.81	20.87		
5	64QAM	1	24	20.92	21.04	20.87	20.92	20.82		
5	64QAM	12	0	20.04	20.18	19.87	19.87	19.83	21	3
5	64QAM	12	7	19.86	20.12	19.93	19.91	19.82		
5	64QAM	12	13	19.85	20.19	19.93	19.87	19.79		
5	64QAM	25	0	19.88	20.14	19.94	19.92	19.85		
5	256QAM	1	0	17.89	18.16	17.87	17.94	17.78	19	5
5	256QAM	1	12	17.89	18.18	17.90	17.97	17.80		
5	256QAM	1	24	17.90	18.07	17.97	17.93	17.81		
5	256QAM	12	0	18.01	18.24	17.98	18.04	17.95	19	5
5	256QAM	12	7	17.97	18.16	17.85	18.01	17.89		
5	256QAM	12	13	17.95	18.12	17.88	17.94	17.88		
5	256QAM	25	0	17.86	18.13	17.99	18.00	17.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.06	22.22	22.08	21.95	22.04	23	0
20	QPSK	1	49	22.00	22.21	22.05	21.88	21.98		
20	QPSK	1	99	22.05	22.18	22.02	21.92	21.97		
20	QPSK	50	0	21.02	21.18	21.05	20.98	21.02	22	1
20	QPSK	50	24	21.01	21.13	20.98	20.93	20.97		
20	QPSK	50	50	21.00	21.11	21.03	20.95	20.97		
20	QPSK	100	0	21.01	21.17	21.03	20.97	21.01		
20	16QAM	1	0	20.96	21.14	21.00	20.95	20.97	22	1
20	16QAM	1	49	21.01	21.12	21.03	20.92	20.95		
20	16QAM	1	99	21.00	21.15	20.99	20.97	21.01		
20	16QAM	50	0	20.02	20.18	20.02	19.98	20.02	21	2
20	16QAM	50	24	19.98	20.14	19.97	19.93	19.97		
20	16QAM	50	50	20.00	20.11	19.96	19.93	19.95		
20	16QAM	100	0	19.98	20.13	19.99	19.93	19.96		
20	64QAM	1	0	20.01	20.14	19.95	19.92	19.95	21	2
20	64QAM	1	49	19.99	20.14	20.00	19.92	19.97		
20	64QAM	1	99	20.00	20.13	19.97	19.96	19.95		
20	64QAM	50	0	19.03	19.17	19.01	18.98	19.02	20	3
20	64QAM	50	24	18.98	19.11	18.94	18.91	18.98		
20	64QAM	50	50	19.00	19.15	18.94	18.96	19.01		
20	64QAM	100	0	18.98	19.16	18.95	18.91	19.00		
20	256QAM	1	0	16.99	17.11	16.97	16.93	16.99	18	5
20	256QAM	1	49	17.01	17.10	17.00	16.94	16.96		
20	256QAM	1	99	16.98	17.12	16.98	16.94	16.98		
20	256QAM	50	0	17.05	17.15	17.03	16.98	17.02	18	5
20	256QAM	50	24	17.00	17.12	16.98	16.95	16.96		
20	256QAM	50	50	16.99	17.09	16.98	16.92	16.98		
20	256QAM	100	0	17.03	17.09	16.98	16.92	16.99		
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	22.04	22.18	22.04	21.91	21.99	23	0
15	QPSK	1	37	21.95	22.20	21.98	21.86	21.91		
15	QPSK	1	74	22.00	22.17	21.95	21.86	21.92		
15	QPSK	36	0	20.98	21.13	21.02	20.97	21.01	22	1
15	QPSK	36	20	20.97	21.12	20.92	20.89	20.93		
15	QPSK	36	39	20.95	21.06	21.02	20.90	20.93		
15	QPSK	75	0	20.94	21.15	20.98	20.96	20.99		
15	16QAM	1	0	20.89	21.13	20.99	20.94	20.96	22	1
15	16QAM	1	37	20.96	21.05	20.99	20.86	20.93		
15	16QAM	1	74	20.98	21.08	20.97	20.96	20.98		
15	16QAM	36	0	19.93	20.12	20.00	19.90	19.99	21	2
15	16QAM	36	20	19.89	20.08	19.96	19.90	19.92		
15	16QAM	36	39	19.90	20.07	19.94	19.82	19.82		
15	16QAM	75	0	19.89	20.03	19.84	19.92	19.91		
15	64QAM	1	0	19.96	20.11	19.83	19.86	19.89	21	2
15	64QAM	1	37	19.90	20.09	19.97	19.88	19.86		
15	64QAM	1	74	19.94	20.01	19.83	19.92	19.94		
15	64QAM	36	0	18.97	19.08	18.93	18.97	18.95	20	3
15	64QAM	36	20	18.91	18.96	18.88	18.78	18.90		
15	64QAM	36	39	18.89	19.14	18.79	18.81	18.95		
15	64QAM	75	0	18.89	19.06	18.84	18.81	18.89		
15	256QAM	1	0	16.92	17.00	16.89	16.81	16.85	18	5
15	256QAM	1	37	17.00	16.96	16.86	16.93	16.87		
15	256QAM	1	74	16.87	17.03	16.90	16.83	16.87		
15	256QAM	36	0	16.98	17.01	16.97	16.84	16.89	18	5
15	256QAM	36	20	16.89	17.06	16.85	16.94	16.93		
15	256QAM	36	39	16.94	17.07	16.83	16.81	16.90		
15	256QAM	75	0	16.88	16.98	16.86	16.84	16.92		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.01	22.18	22.01	21.88	21.97	23	0
10	QPSK	1	25	21.97	22.20	22.04	21.81	21.94		
10	QPSK	1	49	21.99	22.15	21.99	21.85	21.96		
10	QPSK	25	0	20.95	21.11	20.99	20.93	20.98	22	1
10	QPSK	25	12	20.94	21.12	20.94	20.92	20.94		
10	QPSK	25	25	20.97	21.04	20.98	20.88	20.90		
10	QPSK	50	0	20.99	21.13	20.97	20.90	20.94		
10	16QAM	1	0	20.93	21.12	20.95	20.93	20.96	22	1
10	16QAM	1	25	20.96	21.09	21.01	20.87	20.88		
10	16QAM	1	49	20.91	21.12	20.92	20.91	21.00		
10	16QAM	25	0	20.00	20.11	19.93	19.91	19.97	21	2
10	16QAM	25	12	19.97	20.08	19.89	19.87	19.92		
10	16QAM	25	25	19.97	20.08	19.82	19.90	19.89		
10	16QAM	50	0	19.90	19.99	19.93	19.83	19.91		
10	64QAM	1	0	19.91	20.09	19.85	19.90	19.88	21	2
10	64QAM	1	25	19.86	20.09	19.87	19.83	19.84		
10	64QAM	1	49	19.93	19.99	19.82	19.93	19.81		
10	64QAM	25	0	18.98	19.07	18.89	18.90	18.93	20	3
10	64QAM	25	12	18.86	19.09	18.93	18.83	18.91		
10	64QAM	25	25	18.88	19.06	18.88	18.90	18.99		
10	64QAM	50	0	18.89	19.03	18.81	18.88	18.91		
10	256QAM	1	0	16.89	17.06	16.83	16.82	16.98	18	5
10	256QAM	1	25	16.96	17.04	16.93	16.87	16.87		
10	256QAM	1	49	16.83	17.02	16.86	16.84	16.92		
10	256QAM	25	0	17.04	17.03	16.97	16.96	16.97	18	5
10	256QAM	25	12	16.93	17.00	16.89	16.87	16.81		
10	256QAM	25	25	16.95	16.98	16.88	16.90	16.93		
10	256QAM	50	0	17.00	17.07	16.89	16.78	16.94		
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	22.04	22.17	22.02	21.91	22.03	23	0
5	QPSK	1	12	21.98	22.20	21.99	21.84	21.96		
5	QPSK	1	24	22.01	22.12	21.99	21.91	21.95		
5	QPSK	12	0	21.01	21.13	21.03	20.96	20.99	22	1
5	QPSK	12	7	20.94	21.12	20.96	20.91	20.96		
5	QPSK	12	13	20.94	21.04	20.99	20.94	20.91		
5	QPSK	25	0	20.99	21.10	21.02	20.94	20.94		
5	16QAM	1	0	20.94	21.07	20.95	20.89	20.90	22	1
5	16QAM	1	12	21.00	21.09	20.99	20.87	20.88		
5	16QAM	1	24	20.98	21.10	20.92	20.88	20.94		
5	16QAM	12	0	19.95	20.15	19.96	19.91	19.93	21	2
5	16QAM	12	7	19.93	20.08	19.88	19.86	19.90		
5	16QAM	12	13	19.94	20.06	19.94	19.87	19.90		
5	16QAM	25	0	19.85	20.06	19.87	19.79	19.95		
5	64QAM	1	0	19.99	20.04	19.80	19.85	19.82	21	2
5	64QAM	1	12	19.85	20.01	19.91	19.89	19.84		
5	64QAM	1	24	19.93	20.08	19.94	19.88	19.81		
5	64QAM	12	0	18.95	19.10	18.92	18.95	19.00	20	3
5	64QAM	12	7	18.90	19.10	18.83	18.86	18.97		
5	64QAM	12	13	18.95	19.07	18.79	18.84	18.94		
5	64QAM	25	0	18.83	19.05	18.93	18.86	18.85		
5	256QAM	1	0	16.89	17.08	16.93	16.80	16.90	18	5
5	256QAM	1	12	16.88	16.95	16.96	16.87	16.88		
5	256QAM	1	24	16.94	17.00	16.88	16.92	16.97		
5	256QAM	12	0	16.99	17.00	16.93	16.96	16.95	18	5
5	256QAM	12	7	16.94	17.03	16.93	16.87	16.92		
5	256QAM	12	13	16.91	17.05	16.88	16.82	16.96		
5	256QAM	25	0	16.92	16.95	16.86	16.84	16.90		

Part 27Q_Band 42_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.71	21.73	21.70	23	0
20	QPSK	1	49	21.70	21.72	21.67		
20	QPSK	1	99	21.66	21.71	21.66		
20	QPSK	50	0	20.68	20.70	20.67	22	1
20	QPSK	50	24	20.66	20.69	20.62		
20	QPSK	50	50	20.65	20.67	20.62		
20	QPSK	100	0	20.66	20.68	20.65		
20	16QAM	1	0	20.63	20.63	20.58	22	1
20	16QAM	1	49	20.60	20.67	20.59		
20	16QAM	1	99	20.59	20.63	20.62		
20	16QAM	50	0	19.67	19.69	19.66	21	2
20	16QAM	50	24	19.63	19.67	19.62		
20	16QAM	50	50	19.62	19.65	19.63		
20	16QAM	100	0	19.62	19.65	19.64		
20	64QAM	1	0	19.65	19.64	19.65	21	2
20	64QAM	1	49	19.63	19.67	19.63		
20	64QAM	1	99	19.63	19.67	19.61		
20	64QAM	50	0	18.66	18.68	18.65	20	3
20	64QAM	50	24	18.60	18.63	18.58		
20	64QAM	50	50	18.62	18.66	18.59		
20	64QAM	100	0	18.59	18.67	18.63		
20	256QAM	1	0	16.61	16.69	16.62	18	5
20	256QAM	1	49	16.65	16.64	16.64		
20	256QAM	1	99	16.63	16.67	16.61		
20	256QAM	50	0	16.68	16.70	16.66	18	5
20	256QAM	50	24	16.62	16.64	16.61		
20	256QAM	50	50	16.62	16.69	16.63		
20	256QAM	100	0	16.67	16.65	16.60		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.68	21.72	21.68	23	0
15	QPSK	1	37	21.64	21.67	21.64		
15	QPSK	1	74	21.60	21.70	21.61		
15	QPSK	36	0	20.66	20.69	20.62	22	1
15	QPSK	36	20	20.63	20.62	20.59		
15	QPSK	36	39	20.59	20.65	20.55		
15	QPSK	75	0	20.65	20.61	20.63		
15	16QAM	1	0	20.59	20.60	20.51	22	1
15	16QAM	1	37	20.54	20.65	20.58		
15	16QAM	1	74	20.55	20.61	20.59		
15	16QAM	36	0	19.62	19.60	19.59	21	2
15	16QAM	36	20	19.61	19.60	19.60		
15	16QAM	36	39	19.47	19.52	19.54		
15	16QAM	75	0	19.54	19.64	19.56		
15	64QAM	1	0	19.58	19.57	19.53	21	2
15	64QAM	1	37	19.52	19.59	19.60		
15	64QAM	1	74	19.50	19.59	19.59		
15	64QAM	36	0	18.51	18.57	18.50	20	3
15	64QAM	36	20	18.52	18.55	18.57		
15	64QAM	36	39	18.61	18.58	18.45		
15	64QAM	75	0	18.53	18.63	18.61		
15	256QAM	1	0	16.56	16.68	16.47	18	5
15	256QAM	1	37	16.59	16.57	16.51		
15	256QAM	1	74	16.61	16.63	16.51		
15	256QAM	36	0	16.65	16.69	16.58	18	5
15	256QAM	36	20	16.51	16.61	16.59		
15	256QAM	36	39	16.57	16.63	16.56		
15	256QAM	75	0	16.56	16.51	16.49		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.69	21.71	21.65	23	0
10	QPSK	1	25	21.66	21.66	21.64		
10	QPSK	1	49	21.64	21.70	21.59		
10	QPSK	25	0	20.63	20.69	20.61	22	1
10	QPSK	25	12	20.62	20.63	20.60		
10	QPSK	25	25	20.60	20.66	20.60		
10	QPSK	50	0	20.61	20.62	20.60		
10	16QAM	1	0	20.60	20.59	20.53	22	1
10	16QAM	1	25	20.55	20.60	20.53		
10	16QAM	1	49	20.56	20.57	20.54		
10	16QAM	25	0	19.64	19.62	19.63	21	2
10	16QAM	25	12	19.54	19.64	19.56		
10	16QAM	25	25	19.57	19.51	19.48		
10	16QAM	50	0	19.54	19.62	19.49		
10	64QAM	1	0	19.64	19.60	19.57	21	2
10	64QAM	1	25	19.62	19.63	19.54		
10	64QAM	1	49	19.57	19.54	19.59		
10	64QAM	25	0	18.59	18.64	18.54	20	3
10	64QAM	25	12	18.59	18.53	18.49		
10	64QAM	25	25	18.51	18.62	18.48		
10	64QAM	50	0	18.48	18.60	18.59		
10	256QAM	1	0	16.58	16.57	16.56	18	5
10	256QAM	1	25	16.55	16.56	16.52		
10	256QAM	1	49	16.50	16.53	16.47		
10	256QAM	25	0	16.53	16.61	16.54	18	5
10	256QAM	25	12	16.54	16.50	16.50		
10	256QAM	25	25	16.47	16.67	16.58		
10	256QAM	50	0	16.57	16.62	16.47		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.67	21.71	21.66	23	0
5	QPSK	1	12	21.69	21.68	21.61		
5	QPSK	1	24	21.63	21.69	21.59		
5	QPSK	12	0	20.64	20.63	20.61	22	1
5	QPSK	12	7	20.62	20.67	20.58		
5	QPSK	12	13	20.60	20.63	20.59		
5	QPSK	25	0	20.64	20.65	20.63		
5	16QAM	1	0	20.61	20.56	20.51	22	1
5	16QAM	1	12	20.54	20.63	20.53		
5	16QAM	1	24	20.53	20.57	20.59		
5	16QAM	12	0	19.65	19.66	19.65	21	2
5	16QAM	12	7	19.57	19.65	19.61		
5	16QAM	12	13	19.48	19.61	19.54		
5	16QAM	25	0	19.51	19.53	19.61		
5	64QAM	1	0	19.60	19.50	19.63	21	2
5	64QAM	1	12	19.57	19.65	19.51		
5	64QAM	1	24	19.50	19.54	19.54		
5	64QAM	12	0	18.61	18.55	18.56	20	3
5	64QAM	12	7	18.53	18.56	18.52		
5	64QAM	12	13	18.57	18.62	18.56		
5	64QAM	25	0	18.50	18.60	18.49		
5	256QAM	1	0	16.53	16.61	16.47	18	5
5	256QAM	1	12	16.54	16.62	16.53		
5	256QAM	1	24	16.61	16.56	16.49		
5	256QAM	12	0	16.64	16.67	16.51	18	5
5	256QAM	12	7	16.54	16.54	16.50		
5	256QAM	12	13	16.52	16.63	16.51		
5	256QAM	25	0	16.52	16.55	16.59		

Part 96_Band 42_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	21.50	21.40	21.28	23	0
20	QPSK	1	49	21.47	21.37	21.25		
20	QPSK	1	99	21.49	21.34	21.23		
20	QPSK	50	0	20.48	20.43	20.30	22	1
20	QPSK	50	24	20.47	20.37	20.29		
20	QPSK	50	50	20.43	20.36	20.27		
20	QPSK	100	0	20.47	20.40	20.28		
20	16QAM	1	0	20.47	20.42	20.26	22	1
20	16QAM	1	49	20.47	20.38	20.29		
20	16QAM	1	99	20.45	20.42	20.23		
20	16QAM	50	0	19.48	19.38	19.27	21	2
20	16QAM	50	24	19.43	19.37	19.21		
20	16QAM	50	50	19.41	19.31	19.25		
20	16QAM	100	0	19.41	19.36	19.20		
20	64QAM	1	0	19.41	19.33	19.26	21	2
20	64QAM	1	49	19.44	19.31	19.25		
20	64QAM	1	99	19.41	19.32	19.23		
20	64QAM	50	0	18.50	18.37	18.28	20	3
20	64QAM	50	24	18.44	18.32	18.22		
20	64QAM	50	50	18.45	18.33	18.25		
20	64QAM	100	0	18.49	18.34	18.25		
20	256QAM	1	0	16.45	16.35	16.25	18	5
20	256QAM	1	49	16.41	16.31	16.24		
20	256QAM	1	99	16.46	16.32	16.23		
20	256QAM	50	0	16.48	16.36	16.30	18	5
20	256QAM	50	24	16.43	16.32	16.29		
20	256QAM	50	50	16.46	16.31	16.29		
20	256QAM	100	0	16.41	16.33	16.29		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.46	21.36	21.26	23	0
15	QPSK	1	37	21.40	21.34	21.24		
15	QPSK	1	74	21.47	21.31	21.17		
15	QPSK	36	0	20.45	20.40	20.27	22	1
15	QPSK	36	20	20.40	20.30	20.28		
15	QPSK	36	39	20.36	20.31	20.20		
15	QPSK	75	0	20.43	20.37	20.21		
15	16QAM	1	0	20.44	20.39	20.21	22	1
15	16QAM	1	37	20.41	20.37	20.23		
15	16QAM	1	74	20.40	20.39	20.15		
15	16QAM	36	0	19.42	19.35	19.21	21	2
15	16QAM	36	20	19.36	19.29	19.19		
15	16QAM	36	39	19.28	19.28	19.12		
15	16QAM	75	0	19.33	19.25	19.06		
15	64QAM	1	0	19.30	19.21	19.22	21	2
15	64QAM	1	37	19.30	19.19	19.19		
15	64QAM	1	74	19.32	19.22	19.21		
15	64QAM	36	0	18.37	18.28	18.13	20	3
15	64QAM	36	20	18.31	18.17	18.19		
15	64QAM	36	39	18.36	18.23	18.19		
15	64QAM	75	0	18.48	18.22	18.11		
15	256QAM	1	0	16.35	16.20	16.22	18	5
15	256QAM	1	37	16.26	16.26	16.19		
15	256QAM	1	74	16.43	16.18	16.10		
15	256QAM	36	0	16.47	16.31	16.24	18	5
15	256QAM	36	20	16.29	16.19	16.25		
15	256QAM	36	39	16.36	16.23	16.18		
15	256QAM	75	0	16.28	16.25	16.21		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.43	21.35	21.27	23	0
10	QPSK	1	25	21.45	21.33	21.20		
10	QPSK	1	49	21.46	21.27	21.20		
10	QPSK	25	0	20.44	20.42	20.26	22	1
10	QPSK	25	12	20.43	20.30	20.22		
10	QPSK	25	25	20.41	20.34	20.22		
10	QPSK	50	0	20.42	20.33	20.21		
10	16QAM	1	0	20.46	20.39	20.25	22	1
10	16QAM	1	25	20.40	20.36	20.26		
10	16QAM	1	49	20.41	20.41	20.19		
10	16QAM	25	0	19.42	19.32	19.23	21	2
10	16QAM	25	12	19.40	19.29	19.14		
10	16QAM	25	25	19.33	19.25	19.24		
10	16QAM	50	0	19.32	19.21	19.05		
10	64QAM	1	0	19.31	19.18	19.17	21	2
10	64QAM	1	25	19.35	19.25	19.14		
10	64QAM	1	49	19.31	19.23	19.13		
10	64QAM	25	0	18.36	18.22	18.20	20	3
10	64QAM	25	12	18.40	18.17	18.13		
10	64QAM	25	25	18.41	18.32	18.10		
10	64QAM	50	0	18.36	18.24	18.17		
10	256QAM	1	0	16.44	16.24	16.13	18	5
10	256QAM	1	25	16.39	16.24	16.19		
10	256QAM	1	49	16.43	16.29	16.13		
10	256QAM	25	0	16.46	16.27	16.16	18	5
10	256QAM	25	12	16.29	16.18	16.21		
10	256QAM	25	25	16.35	16.18	16.20		
10	256QAM	50	0	16.31	16.28	16.17		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.44	21.33	21.26	23	0
5	QPSK	1	12	21.46	21.34	21.24		
5	QPSK	1	24	21.47	21.30	21.17		
5	QPSK	12	0	20.44	20.41	20.25	22	1
5	QPSK	12	7	20.46	20.36	20.26		
5	QPSK	12	13	20.40	20.33	20.24		
5	QPSK	25	0	20.44	20.34	20.23		
5	16QAM	1	0	20.44	20.35	20.25	22	1
5	16QAM	1	12	20.44	20.35	20.26		
5	16QAM	1	24	20.37	20.35	20.16		
5	16QAM	12	0	19.43	19.33	19.19	21	2
5	16QAM	12	7	19.41	19.36	19.12		
5	16QAM	12	13	19.32	19.20	19.10		
5	16QAM	25	0	19.28	19.23	19.14		
5	64QAM	1	0	19.40	19.30	19.25	21	2
5	64QAM	1	12	19.29	19.27	19.17		
5	64QAM	1	24	19.35	19.22	19.13		
5	64QAM	12	0	18.41	18.22	18.13	20	3
5	64QAM	12	7	18.43	18.18	18.17		
5	64QAM	12	13	18.37	18.19	18.14		
5	64QAM	25	0	18.39	18.24	18.11		
5	256QAM	1	0	16.35	16.28	16.19	18	5
5	256QAM	1	12	16.26	16.23	16.18		
5	256QAM	1	24	16.43	16.24	16.22		
5	256QAM	12	0	16.47	16.23	16.19	18	5
5	256QAM	12	7	16.28	16.18	16.18		
5	256QAM	12	13	16.41	16.26	16.17		
5	256QAM	25	0	16.34	16.21	16.27		

Part 27Q_Band 42_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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.08	21.43	21.18	23	0
20	QPSK	1	49	21.06	21.39	21.15		
20	QPSK	1	99	21.05	21.40	21.14		
20	QPSK	50	0	20.11	20.48	20.20	22	1
20	QPSK	50	24	20.09	20.46	20.17		
20	QPSK	50	50	20.09	20.47	20.17		
20	QPSK	100	0	20.10	20.45	20.18		
20	16QAM	1	0	20.10	20.47	20.18	22	1
20	16QAM	1	49	20.08	20.47	20.14		
20	16QAM	1	99	20.10	20.44	20.19		
20	16QAM	50	0	19.13	19.50	19.21	21	2
20	16QAM	50	24	19.11	19.46	19.18		
20	16QAM	50	50	19.13	19.47	19.15		
20	16QAM	100	0	19.12	19.49	19.20		
20	64QAM	1	0	19.11	19.49	19.18	21	2
20	64QAM	1	49	19.12	19.48	19.20		
20	64QAM	1	99	19.11	19.46	19.19		
20	64QAM	50	0	18.12	18.51	18.20	20	3
20	64QAM	50	24	18.13	18.50	18.18		
20	64QAM	50	50	18.15	18.50	18.16		
20	64QAM	100	0	18.11	18.45	18.19		
20	256QAM	1	0	16.07	16.44	16.20	18	5
20	256QAM	1	49	16.09	16.44	16.20		
20	256QAM	1	99	16.10	16.43	16.15		
20	256QAM	50	0	16.13	16.49	16.21	18	5
20	256QAM	50	24	16.09	16.43	16.14		
20	256QAM	50	50	16.09	16.42	16.15		
20	256QAM	100	0	16.10	16.48	16.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.02	21.42	21.15	23	0
15	QPSK	1	37	21.07	21.40	21.15		
15	QPSK	1	74	21.04	21.41	21.16		
15	QPSK	36	0	20.05	20.45	20.19	22	1
15	QPSK	36	20	20.10	20.43	20.18		
15	QPSK	36	39	20.07	20.44	20.16		
15	QPSK	75	0	20.06	20.41	20.14		
15	16QAM	1	0	20.09	20.45	20.14	22	1
15	16QAM	1	37	20.09	20.44	20.19		
15	16QAM	1	74	20.08	20.44	20.16		
15	16QAM	36	0	19.12	19.47	19.14	21	2
15	16QAM	36	20	19.10	19.48	19.20		
15	16QAM	36	39	19.09	19.43	19.15		
15	16QAM	75	0	19.12	19.45	19.17		
15	64QAM	1	0	19.12	19.44	19.14	21	2
15	64QAM	1	37	19.11	19.49	19.17		
15	64QAM	1	74	19.09	19.48	19.18		
15	64QAM	36	0	18.12	18.48	18.19	20	3
15	64QAM	36	20	18.12	18.44	18.19		
15	64QAM	36	39	18.13	18.49	18.19		
15	64QAM	75	0	18.10	18.48	18.18		
15	256QAM	1	0	16.09	16.45	16.17	18	5
15	256QAM	1	37	16.11	16.47	16.16		
15	256QAM	1	74	16.07	16.43	16.20		
15	256QAM	36	0	16.10	16.47	16.14	18	5
15	256QAM	36	20	16.08	16.42	16.19		
15	256QAM	36	39	16.12	16.46	16.16		
15	256QAM	75	0	16.10	16.46	16.16		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.03	21.37	21.13	23	0
10	QPSK	1	25	21.04	21.42	21.15		
10	QPSK	1	49	21.07	21.42	21.17		
10	QPSK	25	0	20.10	20.46	20.15	22	1
10	QPSK	25	12	20.07	20.42	20.16		
10	QPSK	25	25	20.08	20.44	20.13		
10	QPSK	50	0	20.08	20.45	20.15		
10	16QAM	1	0	20.09	20.43	20.16	22	1
10	16QAM	1	25	20.04	20.41	20.15		
10	16QAM	1	49	20.07	20.44	20.17		
10	16QAM	25	0	19.11	19.47	19.19	21	2
10	16QAM	25	12	19.11	19.47	19.14		
10	16QAM	25	25	19.12	19.43	19.20		
10	16QAM	50	0	19.09	19.48	19.19		
10	64QAM	1	0	19.12	19.48	19.16	21	2
10	64QAM	1	25	19.10	19.43	19.17		
10	64QAM	1	49	19.11	19.47	19.20		
10	64QAM	25	0	18.10	18.49	18.13	20	3
10	64QAM	25	12	18.12	18.47	18.15		
10	64QAM	25	25	18.13	18.44	18.16		
10	64QAM	50	0	18.14	18.45	18.16		
10	256QAM	1	0	16.10	16.42	16.18	18	5
10	256QAM	1	25	16.12	16.46	16.17		
10	256QAM	1	49	16.09	16.43	16.17		
10	256QAM	25	0	16.07	16.45	16.14	18	5
10	256QAM	25	12	16.09	16.46	16.16		
10	256QAM	25	25	16.10	16.43	16.14		
10	256QAM	50	0	16.10	16.42	16.20		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.06	21.36	21.14	23	0
5	QPSK	1	12	21.02	21.39	21.15		
5	QPSK	1	24	21.04	21.36	21.14		
5	QPSK	12	0	20.07	20.46	20.18	22	1
5	QPSK	12	7	20.06	20.44	20.16		
5	QPSK	12	13	20.08	20.43	20.17		
5	QPSK	25	0	20.10	20.45	20.14		
5	16QAM	1	0	20.10	20.41	20.19	22	1
5	16QAM	1	12	20.06	20.41	20.19		
5	16QAM	1	24	20.05	20.42	20.16		
5	16QAM	12	0	19.10	19.45	19.20	21	2
5	16QAM	12	7	19.11	19.47	19.18		
5	16QAM	12	13	19.09	19.46	19.18		
5	16QAM	25	0	19.11	19.44	19.19		
5	64QAM	1	0	19.10	19.47	19.16	21	2
5	64QAM	1	12	19.08	19.44	19.17		
5	64QAM	1	24	19.09	19.47	19.16		
5	64QAM	12	0	18.11	18.49	18.15	20	3
5	64QAM	12	7	18.10	18.48	18.17		
5	64QAM	12	13	18.14	18.45	18.13		
5	64QAM	25	0	18.13	18.45	18.14		
5	256QAM	1	0	16.07	16.46	16.20	18	5
5	256QAM	1	12	16.07	16.44	16.19		
5	256QAM	1	24	16.09	16.45	16.15		
5	256QAM	12	0	16.11	16.44	16.17	18	5
5	256QAM	12	7	16.10	16.46	16.19		
5	256QAM	12	13	16.09	16.43	16.16		
5	256QAM	25	0	16.09	16.44	16.16		

Part 96_Band 42_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				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	21.28	21.52	21.66	23	0
20	QPSK	1	49	21.27	21.49	21.59		
20	QPSK	1	99	21.27	21.50	21.63		
20	QPSK	50	0	20.30	20.55	20.68	22	1
20	QPSK	50	24	20.28	20.52	20.64		
20	QPSK	50	50	20.26	20.54	20.62		
20	QPSK	100	0	20.28	20.53	20.65		
20	16QAM	1	0	20.27	20.49	20.65	22	1
20	16QAM	1	49	20.27	20.54	20.67		
20	16QAM	1	99	20.28	20.53	20.66		
20	16QAM	50	0	19.31	19.55	19.68	21	2
20	16QAM	50	24	19.24	19.53	19.62		
20	16QAM	50	50	19.24	19.48	19.65		
20	16QAM	100	0	19.29	19.50	19.64		
20	64QAM	1	0	19.29	19.52	19.63	21	2
20	64QAM	1	49	19.25	19.52	19.64		
20	64QAM	1	99	19.29	19.49	19.61		
20	64QAM	50	0	18.30	18.56	18.67	20	3
20	64QAM	50	24	18.24	18.52	18.60		
20	64QAM	50	50	18.25	18.52	18.60		
20	64QAM	100	0	18.25	18.49	18.66		
20	256QAM	1	0	16.28	16.50	16.65	18	5
20	256QAM	1	49	16.29	16.53	16.63		
20	256QAM	1	99	16.26	16.49	16.68		
20	256QAM	50	0	16.32	16.55	16.70	18	5
20	256QAM	50	24	16.27	16.52	16.64		
20	256QAM	50	50	16.28	16.52	16.69		
20	256QAM	100	0	16.27	16.54	16.69		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.24	21.45	21.61	23	0
15	QPSK	1	37	21.20	21.42	21.56		
15	QPSK	1	74	21.21	21.49	21.59		
15	QPSK	36	0	20.26	20.50	20.64	22	1
15	QPSK	36	20	20.22	20.50	20.63		
15	QPSK	36	39	20.22	20.53	20.58		
15	QPSK	75	0	20.25	20.48	20.61		
15	16QAM	1	0	20.25	20.47	20.64	22	1
15	16QAM	1	37	20.26	20.49	20.63		
15	16QAM	1	74	20.20	20.50	20.62		
15	16QAM	36	0	19.24	19.47	19.61	21	2
15	16QAM	36	20	19.19	19.50	19.54		
15	16QAM	36	39	19.20	19.42	19.55		
15	16QAM	75	0	19.15	19.44	19.62		
15	64QAM	1	0	19.14	19.40	19.62	21	2
15	64QAM	1	37	19.13	19.41	19.54		
15	64QAM	1	74	19.15	19.42	19.54		
15	64QAM	36	0	18.25	18.51	18.65	20	3
15	64QAM	36	20	18.15	18.44	18.59		
15	64QAM	36	39	18.17	18.48	18.46		
15	64QAM	75	0	18.22	18.47	18.56		
15	256QAM	1	0	16.16	16.40	16.62	18	5
15	256QAM	1	37	16.18	16.46	16.51		
15	256QAM	1	74	16.23	16.35	16.60		
15	256QAM	36	0	16.24	16.45	16.56	18	5
15	256QAM	36	20	16.22	16.42	16.59		
15	256QAM	36	39	16.25	16.45	16.67		
15	256QAM	75	0	16.22	16.53	16.64		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.21	21.46	21.63	23	0
10	QPSK	1	25	21.22	21.46	21.56		
10	QPSK	1	49	21.24	21.44	21.57		
10	QPSK	25	0	20.27	20.50	20.61	22	1
10	QPSK	25	12	20.27	20.47	20.57		
10	QPSK	25	25	20.20	20.50	20.55		
10	QPSK	50	0	20.26	20.47	20.59		
10	16QAM	1	0	20.20	20.47	20.61	22	1
10	16QAM	1	25	20.20	20.49	20.63		
10	16QAM	1	49	20.27	20.48	20.65		
10	16QAM	25	0	19.30	19.52	19.62	21	2
10	16QAM	25	12	19.22	19.45	19.53		
10	16QAM	25	25	19.17	19.43	19.60		
10	16QAM	50	0	19.16	19.37	19.60		
10	64QAM	1	0	19.21	19.50	19.48	21	2
10	64QAM	1	25	19.24	19.42	19.58		
10	64QAM	1	49	19.17	19.48	19.52		
10	64QAM	25	0	18.16	18.55	18.66	20	3
10	64QAM	25	12	18.16	18.41	18.59		
10	64QAM	25	25	18.19	18.51	18.48		
10	64QAM	50	0	18.19	18.45	18.51		
10	256QAM	1	0	16.22	16.41	16.63	18	5
10	256QAM	1	25	16.24	16.38	16.50		
10	256QAM	1	49	16.13	16.40	16.58		
10	256QAM	25	0	16.28	16.47	16.60	18	5
10	256QAM	25	12	16.21	16.45	16.56		
10	256QAM	25	25	16.21	16.50	16.67		
10	256QAM	50	0	16.22	16.46	16.68		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.22	21.46	21.65	23	0
5	QPSK	1	12	21.24	21.47	21.57		
5	QPSK	1	24	21.24	21.43	21.56		
5	QPSK	12	0	20.29	20.48	20.62	22	1
5	QPSK	12	7	20.26	20.45	20.59		
5	QPSK	12	13	20.19	20.47	20.56		
5	QPSK	25	0	20.22	20.51	20.62		
5	16QAM	1	0	20.21	20.48	20.59	22	1
5	16QAM	1	12	20.22	20.47	20.61		
5	16QAM	1	24	20.20	20.45	20.57		
5	16QAM	12	0	19.30	19.51	19.62	21	2
5	16QAM	12	7	19.17	19.47	19.60		
5	16QAM	12	13	19.15	19.33	19.52		
5	16QAM	25	0	19.18	19.36	19.52		
5	64QAM	1	0	19.16	19.40	19.53	21	2
5	64QAM	1	12	19.13	19.42	19.61		
5	64QAM	1	24	19.27	19.37	19.52		
5	64QAM	12	0	18.23	18.42	18.53	20	3
5	64QAM	12	7	18.11	18.46	18.55		
5	64QAM	12	13	18.15	18.42	18.45		
5	64QAM	25	0	18.11	18.48	18.61		
5	256QAM	1	0	16.16	16.49	16.63	18	5
5	256QAM	1	12	16.23	16.51	16.59		
5	256QAM	1	24	16.17	16.36	16.54		
5	256QAM	12	0	16.22	16.50	16.66	18	5
5	256QAM	12	7	16.18	16.45	16.55		
5	256QAM	12	13	16.21	16.43	16.66		
5	256QAM	25	0	16.24	16.52	16.62		

Band 43(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.58	21.60	21.56	23	0
20	QPSK	1	49	21.57	21.57	21.55		
20	QPSK	1	99	21.54	21.53	21.53		
20	QPSK	50	0	20.61	20.63	20.60	22	1
20	QPSK	50	24	20.58	20.60	20.58		
20	QPSK	50	50	20.55	20.57	20.53		
20	QPSK	100	0	20.58	20.61	20.57		
20	16QAM	1	0	20.55	20.61	20.53	22	1
20	16QAM	1	49	20.56	20.62	20.53		
20	16QAM	1	99	20.55	20.58	20.53		
20	16QAM	50	0	19.51	19.53	19.50	21	2
20	16QAM	50	24	19.50	19.49	19.48		
20	16QAM	50	50	19.44	19.46	19.46		
20	16QAM	100	0	19.50	19.47	19.47		
20	64QAM	1	0	19.48	19.52	19.44	21	2
20	64QAM	1	49	19.44	19.52	19.48		
20	64QAM	1	99	19.50	19.52	19.48		
20	64QAM	50	0	18.50	18.53	18.48	20	3
20	64QAM	50	24	18.44	18.50	18.45		
20	64QAM	50	50	18.47	18.52	18.41		
20	64QAM	100	0	18.48	18.47	18.47		
20	256QAM	1	0	16.49	16.49	16.35	18	5
20	256QAM	1	49	16.46	16.50	16.33		
20	256QAM	1	99	16.46	16.46	16.36		
20	256QAM	50	0	16.51	16.52	16.40	18	5
20	256QAM	50	24	16.47	16.51	16.33		
20	256QAM	50	50	16.49	16.47	16.36		
20	256QAM	100	0	16.47	16.49	16.38		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.53	21.54	21.55	23	0
15	QPSK	1	37	21.55	21.56	21.51		
15	QPSK	1	74	21.52	21.48	21.48		
15	QPSK	36	0	20.55	20.59	20.56	22	1
15	QPSK	36	20	20.56	20.54	20.55		
15	QPSK	36	39	20.53	20.52	20.47		
15	QPSK	75	0	20.53	20.58	20.50		
15	16QAM	1	0	20.54	20.55	20.51	22	1
15	16QAM	1	37	20.50	20.61	20.51		
15	16QAM	1	74	20.51	20.50	20.44		
15	16QAM	36	0	19.42	19.51	19.41	21	2
15	16QAM	36	20	19.44	19.42	19.46		
15	16QAM	36	39	19.41	19.34	19.37		
15	16QAM	75	0	19.48	19.41	19.44		
15	64QAM	1	0	19.39	19.37	19.31	21	2
15	64QAM	1	37	19.35	19.49	19.34		
15	64QAM	1	74	19.38	19.47	19.35		
15	64QAM	36	0	18.41	18.47	18.42	20	3
15	64QAM	36	20	18.37	18.39	18.32		
15	64QAM	36	39	18.37	18.39	18.27		
15	64QAM	75	0	18.38	18.44	18.40		
15	256QAM	1	0	16.47	16.39	16.27	18	5
15	256QAM	1	37	16.37	16.45	16.31		
15	256QAM	1	74	16.32	16.34	16.26		
15	256QAM	36	0	16.47	16.51	16.35	18	5
15	256QAM	36	20	16.36	16.40	16.31		
15	256QAM	36	39	16.34	16.38	16.28		
15	256QAM	75	0	16.37	16.37	16.27		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.57	21.53	21.50	23	0
10	QPSK	1	25	21.54	21.51	21.53		
10	QPSK	1	49	21.48	21.51	21.50		
10	QPSK	25	0	20.54	20.62	20.54	22	1
10	QPSK	25	12	20.54	20.57	20.51		
10	QPSK	25	25	20.51	20.52	20.51		
10	QPSK	50	0	20.55	20.60	20.52		
10	16QAM	1	0	20.48	20.55	20.48	22	1
10	16QAM	1	25	20.49	20.55	20.50		
10	16QAM	1	49	20.49	20.50	20.52		
10	16QAM	25	0	19.49	19.45	19.45	21	2
10	16QAM	25	12	19.45	19.47	19.46		
10	16QAM	25	25	19.41	19.36	19.44		
10	16QAM	50	0	19.37	19.37	19.45		
10	64QAM	1	0	19.35	19.49	19.43	21	2
10	64QAM	1	25	19.39	19.45	19.38		
10	64QAM	1	49	19.36	19.37	19.44		
10	64QAM	25	0	18.41	18.45	18.36	20	3
10	64QAM	25	12	18.35	18.36	18.30		
10	64QAM	25	25	18.34	18.41	18.37		
10	64QAM	50	0	18.47	18.40	18.39		
10	256QAM	1	0	16.46	16.34	16.30	18	5
10	256QAM	1	25	16.40	16.39	16.29		
10	256QAM	1	49	16.40	16.45	16.25		
10	256QAM	25	0	16.43	16.49	16.30	18	5
10	256QAM	25	12	16.46	16.50	16.23		
10	256QAM	25	25	16.41	16.41	16.25		
10	256QAM	50	0	16.38	16.36	16.27		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.53	21.58	21.54	23	0
5	QPSK	1	12	21.52	21.53	21.50		
5	QPSK	1	24	21.48	21.49	21.49		
5	QPSK	12	0	20.58	20.59	20.57	22	1
5	QPSK	12	7	20.56	20.57	20.55		
5	QPSK	12	13	20.50	20.55	20.50		
5	QPSK	25	0	20.51	20.59	20.56		
5	16QAM	1	0	20.48	20.58	20.49	22	1
5	16QAM	1	12	20.54	20.57	20.48		
5	16QAM	1	24	20.47	20.50	20.46		
5	16QAM	12	0	19.46	19.47	19.47	21	2
5	16QAM	12	7	19.43	19.48	19.43		
5	16QAM	12	13	19.30	19.39	19.45		
5	16QAM	25	0	19.48	19.38	19.36		
5	64QAM	1	0	19.38	19.37	19.33	21	2
5	64QAM	1	12	19.30	19.44	19.39		
5	64QAM	1	24	19.42	19.41	19.41		
5	64QAM	12	0	18.35	18.46	18.46	20	3
5	64QAM	12	7	18.29	18.39	18.41		
5	64QAM	12	13	18.32	18.51	18.30		
5	64QAM	25	0	18.43	18.33	18.45		
5	256QAM	1	0	16.47	16.37	16.25	18	5
5	256QAM	1	12	16.36	16.46	16.20		
5	256QAM	1	24	16.33	16.41	16.29		
5	256QAM	12	0	16.44	16.47	16.26	18	5
5	256QAM	12	7	16.39	16.42	16.26		
5	256QAM	12	13	16.41	16.35	16.24		
5	256QAM	25	0	16.35	16.39	16.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.53	21.55	21.53	23	0
20	QPSK	1	49	21.47	21.49	21.47		
20	QPSK	1	99	21.50	21.52	21.52		
20	QPSK	50	0	20.60	20.63	20.61	22	1
20	QPSK	50	24	20.55	20.58	20.56		
20	QPSK	50	50	20.56	20.60	20.60		
20	QPSK	100	0	20.58	20.61	20.60		
20	16QAM	1	0	20.53	20.58	20.55	22	1
20	16QAM	1	49	20.53	20.56	20.55		
20	16QAM	1	99	20.55	20.57	20.58		
20	16QAM	50	0	19.60	19.62	19.61	21	2
20	16QAM	50	24	19.58	19.60	19.56		
20	16QAM	50	50	19.54	19.58	19.58		
20	16QAM	100	0	19.57	19.57	19.56		
20	64QAM	1	0	19.59	19.60	19.60	21	2
20	64QAM	1	49	19.57	19.61	19.54		
20	64QAM	1	99	19.55	19.58	19.57		
20	64QAM	50	0	18.58	18.62	18.61	20	3
20	64QAM	50	24	18.52	18.56	18.55		
20	64QAM	50	50	18.52	18.56	18.55		
20	64QAM	100	0	18.52	18.59	18.56		
20	256QAM	1	0	16.58	16.63	16.60	18	5
20	256QAM	1	49	16.52	16.62	16.57		
20	256QAM	1	99	16.51	16.56	16.59		
20	256QAM	50	0	16.51	16.60	16.54	18	5
20	256QAM	50	24	16.51	16.61	16.53		
20	256QAM	50	50	16.56	16.59	16.57		
20	256QAM	100	0	16.55	16.60	16.55		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.47	21.49	21.51	23	0
15	QPSK	1	37	21.41	21.47	21.42		
15	QPSK	1	74	21.43	21.50	21.49		
15	QPSK	36	0	20.55	20.57	20.60	22	1
15	QPSK	36	20	20.50	20.54	20.54		
15	QPSK	36	39	20.51	20.54	20.56		
15	QPSK	75	0	20.52	20.55	20.56		
15	16QAM	1	0	20.49	20.54	20.48	22	1
15	16QAM	1	37	20.46	20.55	20.53		
15	16QAM	1	74	20.49	20.55	20.57		
15	16QAM	36	0	19.59	19.60	19.55	21	2
15	16QAM	36	20	19.52	19.55	19.50		
15	16QAM	36	39	19.47	19.46	19.46		
15	16QAM	75	0	19.49	19.43	19.44		
15	64QAM	1	0	19.58	19.48	19.50	21	2
15	64QAM	1	37	19.50	19.47	19.39		
15	64QAM	1	74	19.48	19.54	19.48		
15	64QAM	36	0	18.49	18.51	18.53	20	3
15	64QAM	36	20	18.43	18.46	18.51		
15	64QAM	36	39	18.40	18.52	18.40		
15	64QAM	75	0	18.37	18.51	18.54		
15	256QAM	1	0	16.50	16.51	16.45	18	5
15	256QAM	1	37	16.45	16.51	16.50		
15	256QAM	1	74	16.50	16.41	16.46		
15	256QAM	36	0	16.38	16.52	16.50	18	5
15	256QAM	36	20	16.38	16.57	16.51		
15	256QAM	36	39	16.42	16.58	16.44		
15	256QAM	75	0	16.50	16.53	16.43		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.52	21.50	21.49	23	0
10	QPSK	1	25	21.43	21.43	21.40		
10	QPSK	1	49	21.48	21.50	21.47		
10	QPSK	25	0	20.55	20.62	20.59	22	1
10	QPSK	25	12	20.52	20.52	20.54		
10	QPSK	25	25	20.52	20.55	20.57		
10	QPSK	50	0	20.55	20.59	20.53		
10	16QAM	1	0	20.46	20.54	20.51	22	1
10	16QAM	1	25	20.51	20.49	20.49		
10	16QAM	1	49	20.52	20.50	20.52		
10	16QAM	25	0	19.58	19.60	19.55	21	2
10	16QAM	25	12	19.49	19.52	19.50		
10	16QAM	25	25	19.43	19.55	19.56		
10	16QAM	50	0	19.46	19.56	19.42		
10	64QAM	1	0	19.55	19.45	19.58	21	2
10	64QAM	1	25	19.54	19.58	19.53		
10	64QAM	1	49	19.46	19.45	19.55		
10	64QAM	25	0	18.52	18.50	18.53	20	3
10	64QAM	25	12	18.44	18.41	18.53		
10	64QAM	25	25	18.48	18.55	18.41		
10	64QAM	50	0	18.37	18.44	18.47		
10	256QAM	1	0	16.57	16.56	16.52	18	5
10	256QAM	1	25	16.51	16.59	16.48		
10	256QAM	1	49	16.40	16.54	16.50		
10	256QAM	25	0	16.38	16.56	16.50	18	5
10	256QAM	25	12	16.36	16.46	16.51		
10	256QAM	25	25	16.44	16.49	16.49		
10	256QAM	50	0	16.42	16.49	16.49		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.51	21.52	21.49	23	0
5	QPSK	1	12	21.41	21.44	21.42		
5	QPSK	1	24	21.49	21.48	21.48		
5	QPSK	12	0	20.59	20.59	20.55	22	1
5	QPSK	12	7	20.49	20.55	20.49		
5	QPSK	12	13	20.50	20.53	20.58		
5	QPSK	25	0	20.55	20.57	20.53		
5	16QAM	1	0	20.49	20.53	20.48	22	1
5	16QAM	1	12	20.46	20.49	20.52		
5	16QAM	1	24	20.49	20.50	20.51		
5	16QAM	12	0	19.51	19.55	19.58	21	2
5	16QAM	12	7	19.51	19.51	19.55		
5	16QAM	12	13	19.49	19.57	19.50		
5	16QAM	25	0	19.54	19.51	19.42		
5	64QAM	1	0	19.46	19.51	19.57	21	2
5	64QAM	1	12	19.55	19.55	19.53		
5	64QAM	1	24	19.50	19.50	19.48		
5	64QAM	12	0	18.54	18.60	18.48	20	3
5	64QAM	12	7	18.40	18.48	18.41		
5	64QAM	12	13	18.51	18.52	18.54		
5	64QAM	25	0	18.41	18.52	18.45		
5	256QAM	1	0	16.51	16.56	16.52	18	5
5	256QAM	1	12	16.45	16.52	16.48		
5	256QAM	1	24	16.46	16.44	16.57		
5	256QAM	12	0	16.50	16.47	16.39	18	5
5	256QAM	12	7	16.41	16.48	16.49		
5	256QAM	12	13	16.47	16.49	16.52		
5	256QAM	25	0	16.46	16.58	16.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.75	21.56	21.47	21.70	23	0
20	QPSK	1	49	21.72	21.50	21.44	21.67		
20	QPSK	1	99	21.71	21.55	21.40	21.64		
20	QPSK	50	0	21.73	21.55	21.46	21.67	23	0
20	QPSK	50	24	21.71	21.52	21.42	21.64		
20	QPSK	50	50	21.70	21.50	21.43	21.60		
20	QPSK	100	0	21.67	21.51	21.46	21.63		
20	16QAM	1	0	21.71	21.50	21.40	21.65	23	0
20	16QAM	1	49	21.70	21.50	21.44	21.64		
20	16QAM	1	99	21.66	21.50	21.42	21.65		
20	16QAM	50	0	20.71	20.48	20.42	20.64	22	1
20	16QAM	50	24	20.72	20.51	20.41	20.66		
20	16QAM	50	50	20.69	20.53	20.40	20.60		
20	16QAM	100	0	20.72	20.48	20.45	20.64		
20	64QAM	1	0	20.68	20.51	20.45	20.60	22	1
20	64QAM	1	49	20.70	20.51	20.43	20.65		
20	64QAM	1	99	20.72	20.52	20.42	20.63		
20	64QAM	50	0	19.68	19.53	19.45	19.61	21	2
20	64QAM	50	24	19.69	19.53	19.39	19.66		
20	64QAM	50	50	19.68	19.48	19.43	19.61		
20	64QAM	100	0	19.71	19.49	19.44	19.63		
20	256QAM	1	0	17.64	17.54	17.42	17.58	19	4
20	256QAM	1	49	17.66	17.54	17.45	17.61		
20	256QAM	1	99	17.67	17.47	17.45	17.61		
20	256QAM	50	0	17.65	17.52	17.45	17.64	19	4
20	256QAM	50	24	17.72	17.48	17.31	17.57		
20	256QAM	50	50	17.70	17.53	17.44	17.57		
20	256QAM	100	0	17.68	17.41	17.42	17.57		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.74	21.50	21.40	21.65	23	0
15	QPSK	1	37	21.68	21.47	21.43	21.60		
15	QPSK	1	74	21.68	21.51	21.38	21.62		
15	QPSK	36	0	21.70	21.54	21.45	21.61	23	0
15	QPSK	36	20	21.69	21.50	21.35	21.60		
15	QPSK	36	39	21.68	21.49	21.42	21.56		
15	QPSK	75	0	21.60	21.44	21.39	21.61		
15	16QAM	1	0	21.69	21.49	21.38	21.64	23	0
15	16QAM	1	37	21.65	21.48	21.37	21.62		
15	16QAM	1	74	21.60	21.47	21.41	21.60		
15	16QAM	36	0	20.69	20.39	20.41	20.57	22	1
15	16QAM	36	20	20.64	20.43	20.33	20.63		
15	16QAM	36	39	20.68	20.48	20.36	20.45		
15	16QAM	75	0	20.66	20.42	20.43	20.63		
15	64QAM	1	0	20.58	20.48	20.42	20.49	22	1
15	64QAM	1	37	20.67	20.49	20.29	20.54		
15	64QAM	1	74	20.65	20.37	20.34	20.48		
15	64QAM	36	0	19.56	19.47	19.32	19.55	21	2
15	64QAM	36	20	19.59	19.46	19.33	19.60		
15	64QAM	36	39	19.67	19.45	19.31	19.57		
15	64QAM	75	0	19.57	19.47	19.41	19.55		
15	256QAM	1	0	17.56	17.45	17.36	17.52	19	4
15	256QAM	1	37	17.63	17.40	17.30	17.56		
15	256QAM	1	74	17.53	17.39	17.41	17.51		
15	256QAM	36	0	17.56	17.43	17.34	17.56	19	4
15	256QAM	36	20	17.58	17.41	17.30	17.50		
15	256QAM	36	39	17.59	17.51	17.32	17.53		
15	256QAM	75	0	17.55	17.33	17.35	17.55		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.73	21.49	21.43	21.69	23	0
10	QPSK	1	25	21.65	21.46	21.37	21.63		
10	QPSK	1	49	21.65	21.48	21.36	21.59		
10	QPSK	25	0	21.70	21.51	21.45	21.65	23	0
10	QPSK	25	12	21.70	21.45	21.38	21.59		
10	QPSK	25	25	21.63	21.45	21.37	21.56		
10	QPSK	50	0	21.62	21.44	21.44	21.62		
10	16QAM	1	0	21.67	21.44	21.39	21.63	23	0
10	16QAM	1	25	21.64	21.49	21.38	21.57		
10	16QAM	1	49	21.63	21.47	21.37	21.62		
10	16QAM	25	0	20.67	20.45	20.34	20.63	22	1
10	16QAM	25	12	20.71	20.48	20.40	20.57		
10	16QAM	25	25	20.57	20.48	20.27	20.58		
10	16QAM	50	0	20.71	20.47	20.36	20.62		
10	64QAM	1	0	20.66	20.42	20.41	20.53	22	1
10	64QAM	1	25	20.59	20.38	20.32	20.57		
10	64QAM	1	49	20.63	20.50	20.33	20.51		
10	64QAM	25	0	19.67	19.50	19.31	19.51	21	2
10	64QAM	25	12	19.64	19.51	19.34	19.54		
10	64QAM	25	25	19.58	19.42	19.34	19.46		
10	64QAM	50	0	19.69	19.45	19.29	19.54		
10	256QAM	1	0	17.54	17.51	17.37	17.52	19	4
10	256QAM	1	25	17.60	17.42	17.31	17.58		
10	256QAM	1	49	17.55	17.32	17.35	17.60		
10	256QAM	25	0	17.56	17.51	17.32	17.60	19	4
10	256QAM	25	12	17.65	17.44	17.19	17.46		
10	256QAM	25	25	17.68	17.50	17.36	17.50		
10	256QAM	50	0	17.61	17.31	17.39	17.55		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.74	21.53	21.40	21.65	23	0
5	QPSK	1	12	21.70	21.48	21.43	21.61		
5	QPSK	1	24	21.66	21.52	21.35	21.58		
5	QPSK	12	0	21.68	21.52	21.41	21.64	23	0
5	QPSK	12	7	21.70	21.47	21.39	21.59		
5	QPSK	12	13	21.65	21.44	21.42	21.57		
5	QPSK	25	0	21.61	21.47	21.41	21.60		
5	16QAM	1	0	21.70	21.43	21.33	21.58	23	0
5	16QAM	1	12	21.69	21.47	21.42	21.63		
5	16QAM	1	24	21.58	21.47	21.40	21.59		
5	16QAM	12	0	20.69	20.39	20.38	20.60	22	1
5	16QAM	12	7	20.66	20.44	20.40	20.63		
5	16QAM	12	13	20.56	20.49	20.27	20.55		
5	16QAM	25	0	20.58	20.42	20.30	20.51		
5	64QAM	1	0	20.64	20.36	20.43	20.45	22	1
5	64QAM	1	12	20.59	20.36	20.40	20.59		
5	64QAM	1	24	20.64	20.51	20.35	20.61		
5	64QAM	12	0	19.60	19.46	19.39	19.59	21	2
5	64QAM	12	7	19.54	19.51	19.37	19.64		
5	64QAM	12	13	19.57	19.42	19.41	19.60		
5	64QAM	25	0	19.61	19.47	19.43	19.48		
5	256QAM	1	0	17.56	17.53	17.38	17.56	19	4
5	256QAM	1	12	17.62	17.45	17.40	17.55		
5	256QAM	1	24	17.66	17.33	17.34	17.48		
5	256QAM	12	0	17.63	17.51	17.34	17.49	19	4
5	256QAM	12	7	17.57	17.42	17.16	17.46		
5	256QAM	12	13	17.60	17.45	17.35	17.47		
5	256QAM	25	0	17.62	17.40	17.31	17.54		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.15	21.55	21.70	21.43	23	0
20	QPSK	1	49	21.12	21.52	21.65	21.37		
20	QPSK	1	99	21.13	21.51	21.52	21.25		
20	QPSK	50	0	20.15	20.63	20.65	20.45	22	1
20	QPSK	50	24	20.04	20.62	20.60	20.40		
20	QPSK	50	50	20.14	20.59	20.58	20.35		
20	QPSK	100	0	20.08	20.58	20.60	20.41		
20	16QAM	1	0	20.47	20.46	20.57	20.53	22	1
20	16QAM	1	49	20.54	20.58	20.65	20.63		
20	16QAM	1	99	20.45	20.52	20.56	20.51		
20	16QAM	50	0	19.47	19.55	19.58	19.53	21	2
20	16QAM	50	24	19.61	19.59	19.66	19.56		
20	16QAM	50	50	19.51	19.55	19.59	19.52		
20	16QAM	100	0	19.56	19.55	19.62	19.59		
20	64QAM	1	0	19.66	19.64	19.68	19.59	21	2
20	64QAM	1	49	19.65	19.62	19.67	19.60		
20	64QAM	1	99	19.60	19.55	19.65	19.57		
20	64QAM	50	0	18.67	18.64	18.69	18.67	20	3
20	64QAM	50	24	18.56	18.58	18.65	18.61		
20	64QAM	50	50	18.52	18.61	18.63	18.53		
20	64QAM	100	0	18.57	18.55	18.61	18.51		
20	256QAM	1	0	16.50	16.51	16.54	16.50	18	5
20	256QAM	1	49	16.51	16.46	16.55	16.48		
20	256QAM	1	99	16.45	16.43	16.51	16.46		
20	256QAM	50	0	16.47	16.50	16.53	16.49	18	5
20	256QAM	50	24	16.45	16.39	16.50	16.47		
20	256QAM	50	50	16.48	16.47	16.53	16.42		
20	256QAM	100	0	16.48	16.40	16.51	16.41		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.05	21.45	21.60	21.33	23	0
15	QPSK	1	37	21.11	21.42	21.55	21.27		
15	QPSK	1	74	21.03	21.41	21.42	21.15		
15	QPSK	36	0	20.05	20.55	20.55	20.35	22	1
15	QPSK	36	20	20.03	20.52	20.50	20.30		
15	QPSK	36	39	20.04	20.49	20.48	20.25		
15	QPSK	75	0	20.02	20.48	20.50	20.31		
15	16QAM	1	0	20.37	20.36	20.47	20.43	22	1
15	16QAM	1	37	20.44	20.48	20.55	20.53		
15	16QAM	1	74	20.35	20.42	20.46	20.41		
15	16QAM	36	0	19.37	19.45	19.48	19.43	21	2
15	16QAM	36	20	19.51	19.49	19.56	19.46		
15	16QAM	36	39	19.41	19.45	19.49	19.42		
15	16QAM	75	0	19.46	19.45	19.52	19.49		
15	64QAM	1	0	19.56	19.54	19.58	19.49	21	2
15	64QAM	1	37	19.55	19.52	19.57	19.50		
15	64QAM	1	74	19.50	19.45	19.55	19.47		
15	64QAM	36	0	18.57	18.54	18.59	18.57	20	3
15	64QAM	36	20	18.46	18.48	18.55	18.51		
15	64QAM	36	39	18.42	18.51	18.53	18.43		
15	64QAM	75	0	18.47	18.45	18.51	18.41		
15	256QAM	1	0	16.40	16.41	16.44	16.40	18	5
15	256QAM	1	37	16.41	16.36	16.45	16.38		
15	256QAM	1	74	16.35	16.33	16.41	16.36		
15	256QAM	36	0	16.37	16.40	16.43	16.39	18	5
15	256QAM	36	20	16.35	16.29	16.40	16.37		
15	256QAM	36	39	16.38	16.37	16.43	16.32		
15	256QAM	75	0	16.38	16.30	16.41	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.13	21.53	21.68	21.41	23	0
10	QPSK	1	25	21.11	21.50	21.63	21.35		
10	QPSK	1	49	21.11	21.49	21.50	21.23		
10	QPSK	25	0	20.13	20.63	20.63	20.43	22	1
10	QPSK	25	12	20.02	20.60	20.58	20.38		
10	QPSK	25	25	20.12	20.57	20.56	20.33		
10	QPSK	50	0	20.06	20.56	20.58	20.39		
10	16QAM	1	0	20.45	20.44	20.55	20.51	22	1
10	16QAM	1	25	20.52	20.56	20.63	20.61		
10	16QAM	1	49	20.43	20.50	20.54	20.49		
10	16QAM	25	0	19.45	19.53	19.56	19.51	21	2
10	16QAM	25	12	19.59	19.57	19.64	19.54		
10	16QAM	25	25	19.49	19.53	19.57	19.50		
10	16QAM	50	0	19.54	19.53	19.60	19.57		
10	64QAM	1	0	19.64	19.62	19.66	19.57	21	2
10	64QAM	1	25	19.63	19.60	19.65	19.58		
10	64QAM	1	49	19.58	19.53	19.63	19.55		
10	64QAM	25	0	18.65	18.62	18.67	18.65	20	3
10	64QAM	25	12	18.54	18.56	18.63	18.59		
10	64QAM	25	25	18.50	18.59	18.61	18.51		
10	64QAM	50	0	18.55	18.53	18.59	18.49		
10	256QAM	1	0	16.48	16.49	16.52	16.48	18	5
10	256QAM	1	25	16.49	16.44	16.53	16.46		
10	256QAM	1	49	16.43	16.41	16.49	16.44		
10	256QAM	25	0	16.45	16.48	16.51	16.47	18	5
10	256QAM	25	12	16.43	16.37	16.48	16.45		
10	256QAM	25	25	16.46	16.45	16.51	16.40		
10	256QAM	50	0	16.46	16.38	16.49	16.39		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.11	21.51	21.66	21.39	23	0
5	QPSK	1	12	21.08	21.48	21.61	21.33		
5	QPSK	1	24	21.09	21.47	21.48	21.21		
5	QPSK	12	0	20.11	20.61	20.61	20.41	22	1
5	QPSK	12	7	20.00	20.58	20.56	20.36		
5	QPSK	12	13	20.10	20.55	20.54	20.31		
5	QPSK	25	0	20.04	20.54	20.56	20.37		
5	16QAM	1	0	20.43	20.42	20.53	20.49	22	1
5	16QAM	1	12	20.50	20.54	20.61	20.59		
5	16QAM	1	24	20.41	20.48	20.52	20.47		
5	16QAM	12	0	19.43	19.51	19.54	19.49	21	2
5	16QAM	12	7	19.57	19.55	19.62	19.52		
5	16QAM	12	13	19.47	19.51	19.55	19.48		
5	16QAM	25	0	19.52	19.51	19.58	19.55		
5	64QAM	1	0	19.62	19.60	19.64	19.55	21	2
5	64QAM	1	12	19.61	19.58	19.63	19.56		
5	64QAM	1	24	19.56	19.51	19.61	19.53		
5	64QAM	12	0	18.63	18.60	18.65	18.63	20	3
5	64QAM	12	7	18.52	18.54	18.61	18.57		
5	64QAM	12	13	18.48	18.57	18.59	18.49		
5	64QAM	25	0	18.53	18.51	18.57	18.47		
5	256QAM	1	0	16.46	16.47	16.50	16.46	18	5
5	256QAM	1	12	16.47	16.42	16.51	16.44		
5	256QAM	1	24	16.41	16.39	16.47	16.42		
5	256QAM	12	0	16.43	16.46	16.49	16.45	18	5
5	256QAM	12	7	16.41	16.35	16.46	16.43		
5	256QAM	12	13	16.44	16.43	16.49	16.38		
5	256QAM	25	0	16.44	16.36	16.47	16.37		

Reduced Power Mode for Sensor On_Standalone

Band		WCDMA II_Ant 0(DSI 1)			Tune-up Limit (dBm)	WCDMA IV_Ant 0(DSI 1)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	22.39	22.49	22.43	**23.00**	22.07	22.11	22.07	**22.50**
3GPP Rel 6	HSDPA Subtest-1	22.39	22.34	22.19	**23.00**	21.09	21.06	20.97	**21.50**
3GPP Rel 6	HSDPA Subtest-2	22.41	22.34	22.16	**23.00**	21.08	21.08	20.93	**21.50**
3GPP Rel 6	HSDPA Subtest-3	21.92	21.84	21.68	**22.50**	20.57	20.59	20.49	**21.00**
3GPP Rel 6	HSDPA Subtest-4	21.93	21.84	21.66	**22.50**	20.59	20.48	20.47	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.37	22.26	22.13	**23.00**	21.07	21.03	20.94	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.28	22.21	22.09	**23.00**	21.03	20.95	20.90	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-3	21.79	21.73	21.53	**22.50**	20.54	20.45	20.40	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.87	21.79	21.59	**22.50**	20.55	20.38	20.42	**21.00**
3GPP Rel 6	HSUPA Subtest-1	21.97	22.10	22.11	**23.00**	21.03	21.08	20.99	**21.50**
3GPP Rel 6	HSUPA Subtest-2	19.96	20.08	20.10	**21.00**	19.04	19.09	18.96	**19.50**
3GPP Rel 6	HSUPA Subtest-3	20.93	21.05	21.08	**22.00**	20.01	20.05	20.03	**20.50**
3GPP Rel 6	HSUPA Subtest-4	19.88	20.07	20.05	**21.00**	19.04	19.09	18.96	**19.50**
3GPP Rel 6	HSUPA Subtest-5	21.90	22.10	22.10	**23.00**	21.10	21.10	21.10	**21.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.99	20.00	20.00	**20.50**	18.79	18.81	18.84	**19.00**

Band		WCDMA V_Ant 0(DSI 1)			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	23.37	23.40	23.39	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.45	22.47	22.41	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.49	22.50	22.46	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.97	21.98	21.93	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.96	21.95	21.92	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.43	22.42	22.38	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.43	22.44	22.41	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	21.93	21.88	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.95	21.94	21.85	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.37	22.31	22.32	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.38	20.33	20.33	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.34	21.35	21.32	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.34	20.33	20.34	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.30	22.30	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.21	20.18	20.15	**20.50**

Band 2_Ant 0(DSI 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	22.25	22.35	22.30	23	0
20	QPSK	1	49	22.22	22.23	22.30		
20	QPSK	1	99	22.13	22.27	22.16		
20	QPSK	50	0	21.37	21.41	21.31	22	1
20	QPSK	50	24	21.19	21.20	21.14		
20	QPSK	50	50	21.27	21.26	21.24		
20	QPSK	100	0	21.26	21.38	21.30		
20	16QAM	1	0	21.60	21.65	21.66	22	1
20	16QAM	1	49	21.52	21.60	21.56		
20	16QAM	1	99	21.44	21.59	21.58		
20	16QAM	50	0	20.17	20.27	20.32	21	2
20	16QAM	50	24	20.26	20.33	20.40		
20	16QAM	50	50	20.27	20.32	20.17		
20	16QAM	100	0	20.17	20.40	20.29		
20	64QAM	1	0	21.40	21.50	21.43	22	1
20	64QAM	1	49	21.32	21.50	21.42		
20	64QAM	1	99	21.32	21.32	21.30		
20	64QAM	50	0	20.13	20.27	20.17	21	2
20	64QAM	50	24	20.35	20.28	20.29		
20	64QAM	50	50	20.17	20.32	20.17		
20	64QAM	100	0	20.21	20.33	20.24		
20	256QAM	1	0	17.05	17.10	17.07	18	5
20	256QAM	1	49	17.00	17.06	16.96		
20	256QAM	1	99	17.04	16.95	16.95		
20	256QAM	50	0	16.99	16.96	16.93	18	5
20	256QAM	50	24	16.93	17.02	16.99		
20	256QAM	50	50	17.04	16.94	17.04		
20	256QAM	100	0	17.02	17.02	17.06		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.17	22.28	22.30	23	0
15	QPSK	1	37	22.13	22.10	22.23		
15	QPSK	1	74	22.07	22.21	22.06		
15	QPSK	36	0	21.06	21.17	21.09	22	1
15	QPSK	36	20	21.26	21.37	21.28		
15	QPSK	36	39	21.22	21.15	21.13		
15	QPSK	75	0	21.16	21.27	21.21		
15	16QAM	1	0	21.57	21.56	21.52	22	1
15	16QAM	1	37	21.42	21.52	21.50		
15	16QAM	1	74	21.39	21.49	21.54		
15	16QAM	36	0	20.16	20.17	20.17	21	2
15	16QAM	36	20	20.23	20.23	20.39		
15	16QAM	36	39	20.23	20.27	20.03		
15	16QAM	75	0	20.13	20.35	20.21		
15	64QAM	1	0	21.35	21.45	21.30	22	1
15	64QAM	1	37	21.30	21.38	21.28		
15	64QAM	1	74	21.27	21.29	21.21		
15	64QAM	36	0	20.00	20.12	20.04	21	2
15	64QAM	36	20	20.26	20.24	20.27		
15	64QAM	36	39	20.06	20.18	20.14		
15	64QAM	75	0	20.12	20.31	20.23		
15	256QAM	1	0	17.03	17.01	17.04	18	5
15	256QAM	1	37	16.90	17.05	16.88		
15	256QAM	1	74	16.89	16.94	16.94		
15	256QAM	36	0	16.96	16.82	16.80	18	5
15	256QAM	36	20	16.82	16.90	16.93		
15	256QAM	36	39	16.92	16.79	17.00		
15	256QAM	75	0	17.01	16.95	16.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.12	22.18	22.28	23	0
10	QPSK	1	25	22.16	22.16	22.25		
10	QPSK	1	49	22.01	22.24	22.07		
10	QPSK	25	0	21.07	21.10	21.06	22	1
10	QPSK	25	12	21.32	21.37	21.20		
10	QPSK	25	25	21.12	21.12	21.14		
10	QPSK	50	0	21.21	21.23	21.15		
10	16QAM	1	0	21.50	21.54	21.55	22	1
10	16QAM	1	25	21.45	21.48	21.47		
10	16QAM	1	49	21.30	21.58	21.46		
10	16QAM	25	0	20.07	20.19	20.18	21	2
10	16QAM	25	12	20.13	20.18	20.29		
10	16QAM	25	25	20.14	20.28	20.14		
10	16QAM	50	0	20.06	20.31	20.21		
10	64QAM	1	0	21.38	21.39	21.30	22	1
10	64QAM	1	25	21.24	21.41	21.34		
10	64QAM	1	49	21.25	21.17	21.17		
10	64QAM	25	0	19.98	20.13	20.15	21	2
10	64QAM	25	12	20.22	20.18	20.21		
10	64QAM	25	25	20.16	20.24	20.16		
10	64QAM	50	0	20.12	20.19	20.14		
10	256QAM	1	0	16.91	17.06	16.99	18	5
10	256QAM	1	25	16.98	16.95	16.82		
10	256QAM	1	49	16.90	16.82	16.92		
10	256QAM	25	0	16.95	16.93	16.90	18	5
10	256QAM	25	12	16.80	16.88	16.95		
10	256QAM	25	25	16.89	16.81	16.98		
10	256QAM	50	0	16.88	17.00	16.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.12	22.26	22.25	23	0
5	QPSK	1	12	22.08	22.09	22.21		
5	QPSK	1	24	22.02	22.21	22.01		
5	QPSK	12	0	21.10	21.12	21.02	22	1
5	QPSK	12	7	21.25	21.40	21.16		
5	QPSK	12	13	21.20	21.25	21.19		
5	QPSK	25	0	21.18	21.35	21.15		
5	16QAM	1	0	21.51	21.57	21.60	22	1
5	16QAM	1	12	21.37	21.53	21.54		
5	16QAM	1	24	21.34	21.46	21.54		
5	16QAM	12	0	20.12	20.24	20.23	21	2
5	16QAM	12	7	20.22	20.30	20.34		
5	16QAM	12	13	20.13	20.19	20.02		
5	16QAM	25	0	20.14	20.36	20.27		
5	64QAM	1	0	21.27	21.47	21.34	22	1
5	64QAM	1	12	21.21	21.41	21.28		
5	64QAM	1	24	21.21	21.21	21.15		
5	64QAM	12	0	20.00	20.12	20.11	21	2
5	64QAM	12	7	20.22	20.18	20.24		
5	64QAM	12	13	20.04	20.30	20.14		
5	64QAM	25	0	20.15	20.22	20.13		
5	256QAM	1	0	16.95	17.01	17.03	18	5
5	256QAM	1	12	16.92	17.01	16.95		
5	256QAM	1	24	16.90	16.92	16.80		
5	256QAM	12	0	16.96	16.85	16.90	18	5
5	256QAM	12	7	16.88	16.92	16.95		
5	256QAM	12	13	17.00	16.80	17.03		
5	256QAM	25	0	16.94	17.00	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.13	22.29	22.33	23	0
3	QPSK	1	8	22.08	22.19	22.28		
3	QPSK	1	14	22.12	22.26	22.08		
3	QPSK	8	0	21.14	21.09	21.04	22	1
3	QPSK	8	4	21.32	21.31	21.30		
3	QPSK	8	7	21.21	21.25	21.21		
3	QPSK	15	0	21.23	21.28	21.15		
3	16QAM	1	0	21.57	21.54	21.62	22	1
3	16QAM	1	8	21.48	21.53	21.46		
3	16QAM	1	14	21.31	21.52	21.48		
3	16QAM	8	0	20.09	20.20	20.18	21	2
3	16QAM	8	4	20.16	20.20	20.26		
3	16QAM	8	7	20.16	20.31	20.11		
3	16QAM	15	0	20.13	20.37	20.17		
3	64QAM	1	0	21.27	21.47	21.37	22	1
3	64QAM	1	8	21.25	21.35	21.35		
3	64QAM	1	14	21.17	21.31	21.22		
3	64QAM	8	0	20.05	20.23	20.03	21	2
3	64QAM	8	4	20.33	20.22	20.26		
3	64QAM	8	7	20.16	20.17	20.11		
3	64QAM	15	0	20.12	20.19	20.22		
3	256QAM	1	0	17.04	16.99	17.01	18	5
3	256QAM	1	8	16.94	17.03	16.81		
3	256QAM	1	14	16.90	16.80	16.82		
3	256QAM	8	0	16.84	16.95	16.82	18	5
3	256QAM	8	4	16.81	16.89	16.87		
3	256QAM	8	7	16.93	16.93	16.99		
3	256QAM	15	0	16.97	16.91	17.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.20	22.21	22.26	23	0
1.4	QPSK	1	3	22.19	22.08	22.19		
1.4	QPSK	1	5	22.05	22.22	22.11		
1.4	QPSK	3	0	22.09	22.19	22.13		
1.4	QPSK	3	1	22.07	21.95	22.11		
1.4	QPSK	3	3	21.99	22.18	22.05		
1.4	QPSK	6	0	21.25	21.29	21.16	22	1
1.4	16QAM	1	0	21.47	21.57	21.61	22	1
1.4	16QAM	1	3	21.45	21.53	21.47		
1.4	16QAM	1	5	21.38	21.49	21.43		
1.4	16QAM	3	0	21.33	21.51	21.59		
1.4	16QAM	3	1	21.40	21.38	21.39		
1.4	16QAM	3	3	21.37	21.48	21.28		
1.4	16QAM	6	0	20.06	20.26	20.23	21	2
1.4	64QAM	1	0	21.32	21.43	21.42	22	1
1.4	64QAM	1	3	21.19	21.46	21.41		
1.4	64QAM	1	5	21.18	21.30	21.19		
1.4	64QAM	3	0	21.24	21.33	21.30		
1.4	64QAM	3	1	21.05	21.45	21.30		
1.4	64QAM	3	3	21.04	21.24	21.06		
1.4	64QAM	6	0	20.13	20.32	20.19	21	2
1.4	256QAM	1	0	16.97	17.03	17.02	18	5
1.4	256QAM	1	3	16.92	16.97	16.87		
1.4	256QAM	1	5	16.97	16.87	16.81		
1.4	256QAM	3	0	16.88	16.84	16.82		
1.4	256QAM	3	1	16.83	16.96	16.94		
1.4	256QAM	3	3	16.95	16.85	16.91		
1.4	256QAM	6	0	16.99	16.89	17.02	18	5

Band 2_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.56	21.63	21.55	22.5	0
20	QPSK	1	49	21.50	21.57	21.53		
20	QPSK	1	99	21.49	21.58	21.48		
20	QPSK	50	0	20.95	20.98	20.93	21.5	1
20	QPSK	50	24	20.91	20.97	20.92		
20	QPSK	50	50	20.92	20.92	20.89		
20	QPSK	100	0	20.93	20.95	20.91		
20	16QAM	1	0	21.03	21.05	21.02	21.5	1
20	16QAM	1	49	20.89	20.91	20.90		
20	16QAM	1	99	20.92	20.91	20.91		
20	16QAM	50	0	19.90	19.92	19.89	20.5	2
20	16QAM	50	24	19.86	19.87	19.85		
20	16QAM	50	50	19.88	19.85	19.85		
20	16QAM	100	0	19.90	19.91	19.89		
20	64QAM	1	0	19.91	19.93	19.90	20.5	2
20	64QAM	1	49	19.86	19.89	19.86		
20	64QAM	1	99	19.84	19.91	19.83		
20	64QAM	50	0	18.90	18.91	18.89	19.5	3
20	64QAM	50	24	18.83	18.87	18.86		
20	64QAM	50	50	18.84	18.88	18.83		
20	64QAM	100	0	18.87	18.89	18.85		
20	256QAM	1	0	16.93	16.95	16.92	17.5	5
20	256QAM	1	49	16.90	16.90	16.89		
20	256QAM	1	99	16.88	16.91	16.89		
20	256QAM	50	0	16.92	16.95	16.90	17.5	5
20	256QAM	50	24	16.86	16.93	16.91		
20	256QAM	50	50	16.91	16.92	16.88		
20	256QAM	100	0	16.91	16.93	16.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.53	21.61	21.52	22.5	0
15	QPSK	1	37	21.46	21.54	21.52		
15	QPSK	1	74	21.44	21.51	21.45		
15	QPSK	36	0	20.94	20.94	20.92	21.5	1
15	QPSK	36	20	20.90	20.91	20.89		
15	QPSK	36	39	20.89	20.91	20.82		
15	QPSK	75	0	20.87	20.92	20.90		
15	16QAM	1	0	20.96	20.99	21.01	21.5	1
15	16QAM	1	37	20.84	20.90	20.88		
15	16QAM	1	74	20.86	20.86	20.90		
15	16QAM	36	0	19.89	19.90	19.85	20.5	2
15	16QAM	36	20	19.78	19.79	19.84		
15	16QAM	36	39	19.87	19.78	19.75		
15	16QAM	75	0	19.76	19.78	19.81		
15	64QAM	1	0	19.82	19.92	19.89	20.5	2
15	64QAM	1	37	19.74	19.78	19.85		
15	64QAM	1	74	19.82	19.89	19.68		
15	64QAM	36	0	18.85	18.78	18.80	19.5	3
15	64QAM	36	20	18.68	18.81	18.83		
15	64QAM	36	39	18.71	18.79	18.70		
15	64QAM	75	0	18.75	18.82	18.80		
15	256QAM	1	0	16.78	16.87	16.88	17.5	5
15	256QAM	1	37	16.87	16.80	16.83		
15	256QAM	1	74	16.74	16.90	16.80		
15	256QAM	36	0	16.88	16.85	16.80	17.5	5
15	256QAM	36	20	16.85	16.85	16.82		
15	256QAM	36	39	16.77	16.77	16.86		
15	256QAM	75	0	16.89	16.89	16.82		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.51	21.56	21.54	22.5	0
10	QPSK	1	25	21.44	21.52	21.47		
10	QPSK	1	49	21.44	21.56	21.46		
10	QPSK	25	0	20.92	20.95	20.89	21.5	1
10	QPSK	25	12	20.90	20.94	20.90		
10	QPSK	25	25	20.86	20.91	20.84		
10	QPSK	50	0	20.86	20.92	20.87		
10	16QAM	1	0	21.00	21.02	20.98	21.5	1
10	16QAM	1	25	20.87	20.84	20.87		
10	16QAM	1	49	20.83	20.88	20.90		
10	16QAM	25	0	19.82	19.85	19.88	20.5	2
10	16QAM	25	12	19.82	19.79	19.82		
10	16QAM	25	25	19.84	19.70	19.78		
10	16QAM	50	0	19.82	19.80	19.78		
10	64QAM	1	0	19.90	19.85	19.75	20.5	2
10	64QAM	1	25	19.74	19.77	19.80		
10	64QAM	1	49	19.73	19.79	19.77		
10	64QAM	25	0	18.88	18.82	18.87	19.5	3
10	64QAM	25	12	18.76	18.85	18.80		
10	64QAM	25	25	18.73	18.82	18.75		
10	64QAM	50	0	18.78	18.85	18.77		
10	256QAM	1	0	16.91	16.84	16.85	17.5	5
10	256QAM	1	25	16.88	16.89	16.83		
10	256QAM	1	49	16.75	16.76	16.84		
10	256QAM	25	0	16.83	16.82	16.77	17.5	5
10	256QAM	25	12	16.85	16.85	16.89		
10	256QAM	25	25	16.83	16.85	16.75		
10	256QAM	50	0	16.84	16.82	16.85		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.51	21.61	21.53	22.5	0
5	QPSK	1	12	21.49	21.56	21.49		
5	QPSK	1	24	21.45	21.55	21.46		
5	QPSK	12	0	20.90	20.97	20.89	21.5	1
5	QPSK	12	7	20.89	20.90	20.90		
5	QPSK	12	13	20.89	20.91	20.87		
5	QPSK	25	0	20.92	20.88	20.88		
5	16QAM	1	0	20.99	21.00	20.98	21.5	1
5	16QAM	1	12	20.86	20.89	20.83		
5	16QAM	1	24	20.84	20.89	20.83		
5	16QAM	12	0	19.86	19.86	19.86	20.5	2
5	16QAM	12	7	19.77	19.81	19.83		
5	16QAM	12	13	19.77	19.72	19.76		
5	16QAM	25	0	19.75	19.81	19.76		
5	64QAM	1	0	19.87	19.86	19.83	20.5	2
5	64QAM	1	12	19.84	19.88	19.74		
5	64QAM	1	24	19.77	19.90	19.70		
5	64QAM	12	0	18.77	18.79	18.80	19.5	3
5	64QAM	12	7	18.70	18.76	18.85		
5	64QAM	12	13	18.83	18.82	18.71		
5	64QAM	25	0	18.76	18.80	18.79		
5	256QAM	1	0	16.89	16.83	16.78	17.5	5
5	256QAM	1	12	16.75	16.82	16.78		
5	256QAM	1	24	16.86	16.89	16.85		
5	256QAM	12	0	16.78	16.92	16.80	17.5	5
5	256QAM	12	7	16.77	16.87	16.87		
5	256QAM	12	13	16.80	16.78	16.78		
5	256QAM	25	0	16.88	16.81	16.85		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.49	21.61	21.49	22.5	0
3	QPSK	1	8	21.44	21.55	21.47		
3	QPSK	1	14	21.48	21.56	21.44		
3	QPSK	8	0	20.91	20.92	20.89	21.5	1
3	QPSK	8	4	20.84	20.90	20.86		
3	QPSK	8	7	20.85	20.89	20.85		
3	QPSK	15	0	20.90	20.92	20.89		
3	16QAM	1	0	20.97	21.01	20.95	21.5	1
3	16QAM	1	8	20.85	20.86	20.89		
3	16QAM	1	14	20.89	20.85	20.87		
3	16QAM	8	0	19.88	19.83	19.86	20.5	2
3	16QAM	8	4	19.83	19.84	19.81		
3	16QAM	8	7	19.73	19.81	19.80		
3	16QAM	15	0	19.89	19.77	19.86		
3	64QAM	1	0	19.86	19.91	19.83	20.5	2
3	64QAM	1	8	19.80	19.83	19.78		
3	64QAM	1	14	19.74	19.85	19.81		
3	64QAM	8	0	18.78	18.76	18.76	19.5	3
3	64QAM	8	4	18.68	18.81	18.72		
3	64QAM	8	7	18.69	18.75	18.74		
3	64QAM	15	0	18.84	18.87	18.72		
3	256QAM	1	0	16.90	16.94	16.79	17.5	5
3	256QAM	1	8	16.79	16.75	16.79		
3	256QAM	1	14	16.82	16.82	16.75		
3	256QAM	8	0	16.87	16.82	16.75	17.5	5
3	256QAM	8	4	16.71	16.86	16.85		
3	256QAM	8	7	16.90	16.79	16.83		
3	256QAM	15	0	16.83	16.89	16.84		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.55	21.58	21.51	22.5	0
1.4	QPSK	1	3	21.44	21.56	21.52		
1.4	QPSK	1	5	21.46	21.57	21.44		
1.4	QPSK	3	0	21.50	21.59	21.49		
1.4	QPSK	3	1	21.49	21.51	21.51		
1.4	QPSK	3	3	21.44	21.52	21.45		
1.4	QPSK	6	0	20.93	20.96	20.90	21.5	1
1.4	16QAM	1	0	20.88	20.92	20.88	21.5	1
1.4	16QAM	1	3	20.90	20.86	20.84		
1.4	16QAM	1	5	20.88	20.92	20.85		
1.4	16QAM	3	0	21.00	21.04	20.95		
1.4	16QAM	3	1	20.86	20.88	20.88		
1.4	16QAM	3	3	20.86	20.89	20.90		
1.4	16QAM	6	0	19.82	19.85	19.84	20.5	2
1.4	64QAM	1	0	19.85	19.79	19.78	20.5	2
1.4	64QAM	1	3	19.84	19.81	19.70		
1.4	64QAM	1	5	19.82	19.78	19.80		
1.4	64QAM	3	0	19.78	19.83	19.86		
1.4	64QAM	3	1	19.76	19.81	19.85		
1.4	64QAM	3	3	19.70	19.78	19.79		
1.4	64QAM	6	0	18.80	18.82	18.80	19.5	3
1.4	256QAM	1	0	16.84	16.89	16.85	17.5	5
1.4	256QAM	1	3	16.88	16.79	16.75		
1.4	256QAM	1	5	16.81	16.80	16.87		
1.4	256QAM	3	0	16.77	16.81	16.85		
1.4	256QAM	3	1	16.84	16.79	16.88		
1.4	256QAM	3	3	16.82	16.82	16.74		
1.4	256QAM	6	0	16.90	16.85	16.77	17.5	5

Band 4_Ant 0(DSI 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	21.87	21.90	21.89	22.5	0
20	QPSK	1	49	21.70	21.81	21.69		
20	QPSK	1	99	21.54	21.56	21.51		
20	QPSK	50	0	20.80	20.87	20.85	21.5	1
20	QPSK	50	24	20.74	20.86	20.85		
20	QPSK	50	50	20.63	20.80	20.74		
20	QPSK	100	0	20.72	20.86	20.71		
20	16QAM	1	0	21.21	21.18	21.07	21.5	1
20	16QAM	1	49	21.00	21.16	21.05		
20	16QAM	1	99	20.96	20.89	20.86		
20	16QAM	50	0	19.49	19.51	19.34	20.5	2
20	16QAM	50	24	19.86	19.95	19.74		
20	16QAM	50	50	19.75	19.78	19.77		
20	16QAM	100	0	19.86	19.80	19.70		
20	64QAM	1	0	21.00	21.05	20.96	21.5	1
20	64QAM	1	49	20.80	20.97	20.88		
20	64QAM	1	99	20.72	20.82	20.74		
20	64QAM	50	0	19.83	19.81	19.73	20.5	2
20	64QAM	50	24	19.89	19.85	19.92		
20	64QAM	50	50	19.70	19.73	19.79		
20	64QAM	100	0	19.75	19.85	19.80		
20	256QAM	1	0	16.45	16.57	16.49	17.5	5
20	256QAM	1	49	16.32	16.50	16.44		
20	256QAM	1	99	16.54	16.41	16.45		
20	256QAM	50	0	16.41	16.46	16.39	17.5	5
20	256QAM	50	24	16.44	16.41	16.31		
20	256QAM	50	50	16.53	16.56	16.40		
20	256QAM	100	0	16.44	16.48	16.47		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.78	21.79	21.76	22.5	0
15	QPSK	1	37	21.60	21.73	21.61		
15	QPSK	1	74	21.41	21.52	21.46		
15	QPSK	36	0	20.60	20.72	20.79	21.5	1
15	QPSK	36	20	20.79	20.84	20.78		
15	QPSK	36	39	20.51	20.72	20.64		
15	QPSK	75	0	20.65	20.76	20.66		
15	16QAM	1	0	21.20	21.15	20.98	21.5	1
15	16QAM	1	37	20.95	21.05	20.93		
15	16QAM	1	74	20.91	20.77	20.76		
15	16QAM	36	0	19.39	19.45	19.20	20.5	2
15	16QAM	36	20	19.81	19.83	19.67		
15	16QAM	36	39	19.72	19.71	19.69		
15	16QAM	75	0	19.79	19.74	19.59		
15	64QAM	1	0	20.91	20.90	20.95	21.5	1
15	64QAM	1	37	20.73	20.88	20.74		
15	64QAM	1	74	20.68	20.81	20.69		
15	64QAM	36	0	19.74	19.66	19.61	20.5	2
15	64QAM	36	20	19.78	19.72	19.81		
15	64QAM	36	39	19.69	19.69	19.77		
15	64QAM	75	0	19.62	19.71	19.66		
15	256QAM	1	0	16.30	16.43	16.42	17.5	5
15	256QAM	1	37	16.19	16.45	16.31		
15	256QAM	1	74	16.50	16.37	16.36		
15	256QAM	36	0	16.35	16.38	16.34	17.5	5
15	256QAM	36	20	16.39	16.38	16.20		
15	256QAM	36	39	16.45	16.54	16.38		
15	256QAM	75	0	16.43	16.44	16.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.75	21.81	21.88	22.5	0
10	QPSK	1	25	21.66	21.71	21.55		
10	QPSK	1	49	21.47	21.44	21.40		
10	QPSK	25	0	20.63	20.79	20.76	21.5	1
10	QPSK	25	12	20.69	20.73	20.73		
10	QPSK	25	25	20.48	20.79	20.72		
10	QPSK	50	0	20.61	20.83	20.64		
10	16QAM	1	0	21.06	21.04	20.99	21.5	1
10	16QAM	1	25	20.87	21.13	21.03		
10	16QAM	1	49	20.81	20.78	20.80		
10	16QAM	25	0	19.47	19.47	19.20	20.5	2
10	16QAM	25	12	19.72	19.85	19.61		
10	16QAM	25	25	19.68	19.67	19.76		
10	16QAM	50	0	19.85	19.66	19.63		
10	64QAM	1	0	20.92	21.04	20.84	21.5	1
10	64QAM	1	25	20.67	20.90	20.76		
10	64QAM	1	49	20.57	20.79	20.66		
10	64QAM	25	0	19.72	19.72	19.70	20.5	2
10	64QAM	25	12	19.86	19.79	19.87		
10	64QAM	25	25	19.65	19.69	19.77		
10	64QAM	50	0	19.60	19.72	19.66		
10	256QAM	1	0	16.34	16.56	16.41	17.5	5
10	256QAM	1	25	16.28	16.39	16.32		
10	256QAM	1	49	16.51	16.27	16.42		
10	256QAM	25	0	16.29	16.37	16.34	17.5	5
10	256QAM	25	12	16.42	16.39	16.21		
10	256QAM	25	25	16.50	16.48	16.35		
10	256QAM	50	0	16.31	16.35	16.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.78	21.84	21.84	22.5	0
5	QPSK	1	12	21.69	21.80	21.68		
5	QPSK	1	24	21.52	21.50	21.43		
5	QPSK	12	0	20.66	20.71	20.83	21.5	1
5	QPSK	12	7	20.79	20.75	20.80		
5	QPSK	12	13	20.60	20.65	20.72		
5	QPSK	25	0	20.60	20.79	20.66		
5	16QAM	1	0	21.13	21.04	20.96	21.5	1
5	16QAM	1	12	20.87	21.10	20.95		
5	16QAM	1	24	20.82	20.82	20.71		
5	16QAM	12	0	19.39	19.43	19.32	20.5	2
5	16QAM	12	7	19.79	19.84	19.64		
5	16QAM	12	13	19.62	19.64	19.70		
5	16QAM	25	0	19.81	19.66	19.62		
5	64QAM	1	0	20.88	20.94	20.83	21.5	1
5	64QAM	1	12	20.68	20.87	20.80		
5	64QAM	1	24	20.57	20.78	20.68		
5	64QAM	12	0	19.82	19.77	19.69	20.5	2
5	64QAM	12	7	19.80	19.84	19.88		
5	64QAM	12	13	19.57	19.67	19.73		
5	64QAM	25	0	19.63	19.72	19.78		
5	256QAM	1	0	16.31	16.52	16.45	17.5	5
5	256QAM	1	12	16.30	16.45	16.33		
5	256QAM	1	24	16.47	16.32	16.43		
5	256QAM	12	0	16.40	16.44	16.37	17.5	5
5	256QAM	12	7	16.43	16.31	16.22		
5	256QAM	12	13	16.47	16.41	16.34		
5	256QAM	25	0	16.32	16.41	16.33		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.81	21.78	21.83	22.5	0
3	QPSK	1	8	21.61	21.67	21.58		
3	QPSK	1	14	21.46	21.54	21.39		
3	QPSK	8	0	20.70	20.84	20.80	21.5	1
3	QPSK	8	4	20.78	20.85	20.84		
3	QPSK	8	7	20.56	20.72	20.67		
3	QPSK	15	0	20.71	20.76	20.67		
3	16QAM	1	0	21.06	21.11	21.02	21.5	1
3	16QAM	1	8	20.91	21.14	20.90		
3	16QAM	1	14	20.92	20.79	20.79		
3	16QAM	8	0	19.42	19.42	19.19	20.5	2
3	16QAM	8	4	19.79	19.83	19.62		
3	16QAM	8	7	19.60	19.71	19.75		
3	16QAM	15	0	19.82	19.67	19.57		
3	64QAM	1	0	20.88	21.00	20.94	21.5	1
3	64QAM	1	8	20.75	20.86	20.80		
3	64QAM	1	14	20.64	20.80	20.60		
3	64QAM	8	0	19.80	19.72	19.60	20.5	2
3	64QAM	8	4	19.84	19.72	19.77		
3	64QAM	8	7	19.68	19.70	19.76		
3	64QAM	15	0	19.67	19.77	19.68		
3	256QAM	1	0	16.33	16.47	16.44	17.5	5
3	256QAM	1	8	16.28	16.38	16.37		
3	256QAM	1	14	16.44	16.32	16.31		
3	256QAM	8	0	16.29	16.43	16.28	17.5	5
3	256QAM	8	4	16.39	16.28	16.23		
3	256QAM	8	7	16.48	16.47	16.34		
3	256QAM	15	0	16.42	16.34	16.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.82	21.77	21.76	22.5	0
1.4	QPSK	1	3	21.58	21.67	21.59		
1.4	QPSK	1	5	21.42	21.41	21.43		
1.4	QPSK	3	0	21.69	21.74	21.74		
1.4	QPSK	3	1	21.45	21.64	21.50		
1.4	QPSK	3	3	21.39	21.38	21.28		
1.4	QPSK	6	0	20.66	20.76	20.64	21.5	1
1.4	16QAM	1	0	21.16	21.08	21.00	21.5	1
1.4	16QAM	1	3	20.87	21.11	21.01		
1.4	16QAM	1	5	20.85	20.74	20.76		
1.4	16QAM	3	0	21.01	21.00	20.96		
1.4	16QAM	3	1	20.78	21.05	20.97		
1.4	16QAM	3	3	20.71	20.64	20.68		
1.4	16QAM	6	0	19.84	19.73	19.66	20.5	2
1.4	64QAM	1	0	20.98	20.96	20.88	21.5	1
1.4	64QAM	1	3	20.75	20.93	20.81		
1.4	64QAM	1	5	20.59	20.68	20.66		
1.4	64QAM	3	0	20.94	20.87	20.78		
1.4	64QAM	3	1	20.70	20.92	20.66		
1.4	64QAM	3	3	20.50	20.54	20.64		
1.4	64QAM	6	0	19.61	19.79	19.76	20.5	2
1.4	256QAM	1	0	16.40	16.45	16.43	17.5	5
1.4	256QAM	1	3	16.22	16.46	16.29		
1.4	256QAM	1	5	16.41	16.34	16.31		
1.4	256QAM	3	0	16.29	16.42	16.35		
1.4	256QAM	3	1	16.33	16.33	16.29		
1.4	256QAM	3	3	16.44	16.49	16.30		
1.4	256QAM	6	0	16.29	16.38	16.41	17.5	5

Band 4_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.06	22.08	22.05	23	0
20	QPSK	1	49	22.00	22.03	21.98		
20	QPSK	1	99	21.99	22.06	22.01		
20	QPSK	50	0	21.43	21.45	21.42	22	1
20	QPSK	50	24	21.39	21.40	21.39		
20	QPSK	50	50	21.41	21.41	21.39		
20	QPSK	100	0	21.41	21.42	21.40		
20	16QAM	1	0	21.42	21.38	21.36	22	1
20	16QAM	1	49	21.36	21.44	21.39		
20	16QAM	1	99	21.40	21.42	21.35		
20	16QAM	50	0	20.41	20.43	20.40	21	2
20	16QAM	50	24	20.38	20.41	20.33		
20	16QAM	50	50	20.40	20.36	20.37		
20	16QAM	100	0	20.38	20.37	20.39		
20	64QAM	1	0	20.37	20.37	20.35	21	2
20	64QAM	1	49	20.35	20.37	20.34		
20	64QAM	1	99	20.38	20.42	20.33		
20	64QAM	50	0	19.40	19.42	19.38	20	3
20	64QAM	50	24	19.33	19.39	19.37		
20	64QAM	50	50	19.38	19.40	19.31		
20	64QAM	100	0	19.33	19.40	19.36		
20	256QAM	1	0	17.37	17.38	17.36	18	5
20	256QAM	1	49	17.32	17.38	17.31		
20	256QAM	1	99	17.36	17.37	17.30		
20	256QAM	50	0	17.39	17.41	17.37	18	5
20	256QAM	50	24	17.38	17.36	17.33		
20	256QAM	50	50	17.35	17.34	17.30		
20	256QAM	100	0	17.37	17.34	17.32		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.03	22.07	22.02	23	0
15	QPSK	1	37	21.93	22.02	21.95		
15	QPSK	1	74	21.98	22.03	21.99		
15	QPSK	36	0	21.37	21.42	21.35	22	1
15	QPSK	36	20	21.35	21.39	21.35		
15	QPSK	36	39	21.40	21.38	21.36		
15	QPSK	75	0	21.34	21.39	21.36		
15	16QAM	1	0	21.39	21.36	21.32	22	1
15	16QAM	1	37	21.33	21.38	21.36		
15	16QAM	1	74	21.32	21.39	21.29		
15	16QAM	36	0	20.37	20.35	20.33	21	2
15	16QAM	36	20	20.32	20.39	20.29		
15	16QAM	36	39	20.37	20.23	20.29		
15	16QAM	75	0	20.37	20.23	20.24		
15	64QAM	1	0	20.24	20.22	20.28	21	2
15	64QAM	1	37	20.33	20.22	20.29		
15	64QAM	1	74	20.23	20.34	20.19		
15	64QAM	36	0	19.30	19.38	19.31	20	3
15	64QAM	36	20	19.29	19.27	19.32		
15	64QAM	36	39	19.28	19.35	19.20		
15	64QAM	75	0	19.29	19.34	19.32		
15	256QAM	1	0	17.33	17.33	17.27	18	5
15	256QAM	1	37	17.31	17.33	17.26		
15	256QAM	1	74	17.32	17.34	17.23		
15	256QAM	36	0	17.28	17.27	17.22	18	5
15	256QAM	36	20	17.28	17.28	17.26		
15	256QAM	36	39	17.25	17.25	17.21		
15	256QAM	75	0	17.24	17.21	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.01	22.01	22.02	23	0
10	QPSK	1	25	21.95	21.97	21.91		
10	QPSK	1	49	21.94	22.05	22.00		
10	QPSK	25	0	21.36	21.44	21.39	22	1
10	QPSK	25	12	21.38	21.36	21.32		
10	QPSK	25	25	21.34	21.40	21.38		
10	QPSK	50	0	21.34	21.39	21.33		
10	16QAM	1	0	21.37	21.35	21.30	22	1
10	16QAM	1	25	21.29	21.39	21.38		
10	16QAM	1	49	21.39	21.37	21.33		
10	16QAM	25	0	20.38	20.36	20.35	21	2
10	16QAM	25	12	20.29	20.32	20.26		
10	16QAM	25	25	20.27	20.25	20.32		
10	16QAM	50	0	20.25	20.23	20.28		
10	64QAM	1	0	20.35	20.22	20.29	21	2
10	64QAM	1	25	20.25	20.27	20.22		
10	64QAM	1	49	20.37	20.37	20.29		
10	64QAM	25	0	19.31	19.36	19.27	20	3
10	64QAM	25	12	19.29	19.34	19.35		
10	64QAM	25	25	19.29	19.31	19.20		
10	64QAM	50	0	19.27	19.26	19.35		
10	256QAM	1	0	17.24	17.23	17.34	18	5
10	256QAM	1	25	17.20	17.29	17.27		
10	256QAM	1	49	17.28	17.31	17.27		
10	256QAM	25	0	17.32	17.40	17.35	18	5
10	256QAM	25	12	17.25	17.21	17.20		
10	256QAM	25	25	17.26	17.28	17.23		
10	256QAM	50	0	17.26	17.19	17.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.00	22.06	22.02	23	0
5	QPSK	1	12	21.94	21.98	21.97		
5	QPSK	1	24	21.93	22.04	21.98		
5	QPSK	12	0	21.42	21.44	21.38	22	1
5	QPSK	12	7	21.36	21.33	21.32		
5	QPSK	12	13	21.39	21.38	21.32		
5	QPSK	25	0	21.39	21.37	21.33		
5	16QAM	1	0	21.41	21.36	21.35	22	1
5	16QAM	1	12	21.31	21.37	21.38		
5	16QAM	1	24	21.34	21.40	21.33		
5	16QAM	12	0	20.33	20.37	20.38	21	2
5	16QAM	12	7	20.30	20.39	20.25		
5	16QAM	12	13	20.33	20.34	20.28		
5	16QAM	25	0	20.30	20.29	20.26		
5	64QAM	1	0	20.31	20.32	20.30	21	2
5	64QAM	1	12	20.27	20.30	20.23		
5	64QAM	1	24	20.28	20.39	20.27		
5	64QAM	12	0	19.30	19.39	19.27	20	3
5	64QAM	12	7	19.28	19.38	19.34		
5	64QAM	12	13	19.33	19.25	19.20		
5	64QAM	25	0	19.29	19.25	19.22		
5	256QAM	1	0	17.23	17.25	17.33	18	5
5	256QAM	1	12	17.26	17.34	17.16		
5	256QAM	1	24	17.24	17.29	17.19		
5	256QAM	12	0	17.37	17.30	17.36	18	5
5	256QAM	12	7	17.29	17.25	17.18		
5	256QAM	12	13	17.25	17.29	17.25		
5	256QAM	25	0	17.26	17.27	17.17		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.04	22.04	22.02	23	0
3	QPSK	1	8	21.95	21.99	21.94		
3	QPSK	1	14	21.94	22.00	21.97		
3	QPSK	8	0	21.39	21.43	21.40	22	1
3	QPSK	8	4	21.32	21.34	21.35		
3	QPSK	8	7	21.38	21.39	21.32		
3	QPSK	15	0	21.36	21.41	21.34		
3	16QAM	1	0	21.41	21.37	21.32	22	1
3	16QAM	1	8	21.29	21.40	21.37		
3	16QAM	1	14	21.38	21.37	21.32		
3	16QAM	8	0	20.33	20.38	20.36	21	2
3	16QAM	8	4	20.35	20.33	20.24		
3	16QAM	8	7	20.35	20.33	20.22		
3	16QAM	15	0	20.32	20.25	20.26		
3	64QAM	1	0	20.33	20.31	20.22	21	2
3	64QAM	1	8	20.29	20.22	20.23		
3	64QAM	1	14	20.31	20.30	20.32		
3	64QAM	8	0	19.38	19.35	19.30	20	3
3	64QAM	8	4	19.29	19.36	19.29		
3	64QAM	8	7	19.35	19.38	19.21		
3	64QAM	15	0	19.24	19.27	19.23		
3	256QAM	1	0	17.34	17.34	17.25	18	5
3	256QAM	1	8	17.22	17.31	17.19		
3	256QAM	1	14	17.28	17.23	17.23		
3	256QAM	8	0	17.35	17.34	17.34	18	5
3	256QAM	8	4	17.23	17.24	17.28		
3	256QAM	8	7	17.31	17.28	17.26		
3	256QAM	15	0	17.25	17.30	17.28		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.00	22.01	22.00	23	0
1.4	QPSK	1	3	21.94	22.01	21.94		
1.4	QPSK	1	5	21.94	22.00	22.00		
1.4	QPSK	3	0	22.02	22.01	22.03		
1.4	QPSK	3	1	21.97	22.01	21.97		
1.4	QPSK	3	3	21.96	21.99	21.96		
1.4	QPSK	6	0	21.38	21.42	21.40	22	1
1.4	16QAM	1	0	21.34	21.36	21.37	22	1
1.4	16QAM	1	3	21.35	21.38	21.36		
1.4	16QAM	1	5	21.37	21.36	21.37		
1.4	16QAM	3	0	21.38	21.36	21.31		
1.4	16QAM	3	1	21.29	21.38	21.37		
1.4	16QAM	3	3	21.37	21.34	21.31		
1.4	16QAM	6	0	20.35	20.34	20.35	21	2
1.4	64QAM	1	0	20.37	20.32	20.28	21	2
1.4	64QAM	1	3	20.37	20.33	20.36		
1.4	64QAM	1	5	20.25	20.35	20.30		
1.4	64QAM	3	0	20.29	20.23	20.23		
1.4	64QAM	3	1	20.31	20.26	20.22		
1.4	64QAM	3	3	20.32	20.38	20.24		
1.4	64QAM	6	0	19.31	19.35	19.26	20	3
1.4	256QAM	1	0	17.25	17.33	17.23	18	5
1.4	256QAM	1	3	17.19	17.32	17.17		
1.4	256QAM	1	5	17.33	17.29	17.19		
1.4	256QAM	3	0	17.32	17.28	17.29		
1.4	256QAM	3	1	17.30	17.22	17.31		
1.4	256QAM	3	3	17.34	17.26	17.18		
1.4	256QAM	6	0	17.33	17.26	17.17	18	5

Band 5_Ant 0(DSI 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	23.36	23.41	23.38	24	0
10	QPSK	1	25	23.33	23.38	23.36		
10	QPSK	1	49	23.29	23.35	23.32		
10	QPSK	25	0	22.35	22.40	22.36	23	1
10	QPSK	25	12	22.31	22.38	22.35		
10	QPSK	25	25	22.29	22.35	22.31		
10	QPSK	50	0	22.31	22.37	22.32		
10	16QAM	1	0	22.28	22.37	22.32	23	1
10	16QAM	1	25	22.28	22.37	22.30		
10	16QAM	1	49	22.31	22.39	22.33		
10	16QAM	25	0	21.38	21.42	21.40	22	2
10	16QAM	25	12	21.37	21.40	21.38		
10	16QAM	25	25	21.31	21.37	21.38		
10	16QAM	50	0	21.33	21.41	21.38		
10	64QAM	1	0	21.32	21.41	21.36	22	2
10	64QAM	1	25	21.31	21.35	21.38		
10	64QAM	1	49	21.34	21.37	21.34		
10	64QAM	25	0	20.38	20.43	20.40	21	3
10	64QAM	25	12	20.34	20.39	20.33		
10	64QAM	25	25	20.31	20.42	20.38		
10	64QAM	50	0	20.32	20.42	20.33		
10	256QAM	1	0	18.37	18.38	18.39	19	5
10	256QAM	1	25	18.33	18.37	18.39		
10	256QAM	1	49	18.33	18.37	18.35		
10	256QAM	25	0	18.38	18.42	18.40	19	5
10	256QAM	25	12	18.37	18.37	18.33		
10	256QAM	25	25	18.37	18.41	18.36		
10	256QAM	50	0	18.31	18.35	18.36		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.34	23.36	24	0
5	QPSK	1	12	23.26	23.34	23.31		
5	QPSK	1	24	23.25	23.32	23.28		
5	QPSK	12	0	22.30	22.39	22.35	23	1
5	QPSK	12	7	22.29	22.32	22.34		
5	QPSK	12	13	22.28	22.28	22.28		
5	QPSK	25	0	22.27	22.33	22.31		
5	16QAM	1	0	22.26	22.35	22.26	23	1
5	16QAM	1	12	22.27	22.31	22.26		
5	16QAM	1	24	22.24	22.35	22.28		
5	16QAM	12	0	21.34	21.33	21.38	22	2
5	16QAM	12	7	21.35	21.33	21.34		
5	16QAM	12	13	21.26	21.34	21.30		
5	16QAM	25	0	21.20	21.32	21.33		
5	64QAM	1	0	21.23	21.40	21.34	22	2
5	64QAM	1	12	21.19	21.34	21.23		
5	64QAM	1	24	21.26	21.31	21.19		
5	64QAM	12	0	20.31	20.38	20.31	21	3
5	64QAM	12	7	20.22	20.35	20.21		
5	64QAM	12	13	20.19	20.38	20.28		
5	64QAM	25	0	20.26	20.29	20.25		
5	256QAM	1	0	18.23	18.32	18.38	19	5
5	256QAM	1	12	18.21	18.30	18.25		
5	256QAM	1	24	18.24	18.22	18.22		
5	256QAM	12	0	18.33	18.39	18.27	19	5
5	256QAM	12	7	18.32	18.36	18.31		
5	256QAM	12	13	18.31	18.29	18.30		
5	256QAM	25	0	18.27	18.27	18.25		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.33	23.37	23.34	24	0
3	QPSK	1	8	23.29	23.33	23.35		
3	QPSK	1	14	23.22	23.30	23.30		
3	QPSK	8	0	22.29	22.33	22.32	23	1
3	QPSK	8	4	22.26	22.31	22.34		
3	QPSK	8	7	22.22	22.33	22.28		
3	QPSK	15	0	22.25	22.32	22.27		
3	16QAM	1	0	22.25	22.32	22.27	23	1
3	16QAM	1	8	22.26	22.32	22.28		
3	16QAM	1	14	22.25	22.31	22.30		
3	16QAM	8	0	21.29	21.36	21.33	22	2
3	16QAM	8	4	21.31	21.31	21.35		
3	16QAM	8	7	21.22	21.35	21.30		
3	16QAM	15	0	21.32	21.38	21.30		
3	64QAM	1	0	21.27	21.35	21.30	22	2
3	64QAM	1	8	21.23	21.23	21.26		
3	64QAM	1	14	21.20	21.29	21.20		
3	64QAM	8	0	20.34	20.40	20.30	21	3
3	64QAM	8	4	20.21	20.38	20.24		
3	64QAM	8	7	20.30	20.32	20.23		
3	64QAM	15	0	20.21	20.32	20.27		
3	256QAM	1	0	18.33	18.34	18.28	19	5
3	256QAM	1	8	18.29	18.34	18.35		
3	256QAM	1	14	18.31	18.32	18.28		
3	256QAM	8	0	18.32	18.27	18.26	19	5
3	256QAM	8	4	18.32	18.32	18.30		
3	256QAM	8	7	18.26	18.39	18.23		
3	256QAM	15	0	18.29	18.25	18.32		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.33	23.36	23.36	24	0
1.4	QPSK	1	3	23.32	23.35	23.31		
1.4	QPSK	1	5	23.24	23.32	23.25		
1.4	QPSK	3	0	23.32	23.40	23.32		
1.4	QPSK	3	1	23.26	23.37	23.34		
1.4	QPSK	3	3	23.26	23.31	23.31		
1.4	QPSK	6	0	22.30	22.37	22.35	23	1
1.4	16QAM	1	0	22.27	22.31	22.28	23	1
1.4	16QAM	1	3	22.25	22.32	22.28		
1.4	16QAM	1	5	22.30	22.36	22.31		
1.4	16QAM	3	0	22.25	22.35	22.25		
1.4	16QAM	3	1	22.25	22.33	22.29		
1.4	16QAM	3	3	22.29	22.37	22.29		
1.4	16QAM	6	0	21.35	21.38	21.32	22	2
1.4	64QAM	1	0	21.35	21.37	21.36	22	2
1.4	64QAM	1	3	21.27	21.34	21.26		
1.4	64QAM	1	5	21.23	21.35	21.24		
1.4	64QAM	3	0	21.20	21.32	21.27		
1.4	64QAM	3	1	21.25	21.25	21.25		
1.4	64QAM	3	3	21.27	21.23	21.21		
1.4	64QAM	6	0	20.30	20.40	20.34	21	3
1.4	256QAM	1	0	18.23	18.31	18.24	19	5
1.4	256QAM	1	3	18.23	18.30	18.35		
1.4	256QAM	1	5	18.29	18.25	18.27		
1.4	256QAM	3	0	18.35	18.32	18.31		
1.4	256QAM	3	1	18.29	18.26	18.27		
1.4	256QAM	3	3	18.27	18.28	18.30		
1.4	256QAM	6	0	18.20	18.20	18.21	19	5

Band 5_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.88	22.90	22.87	24	0
10	QPSK	1	25	22.82	22.87	22.81		
10	QPSK	1	49	22.83	22.87	22.81		
10	QPSK	25	0	21.85	21.86	21.83	23	1
10	QPSK	25	12	21.84	21.83	21.79		
10	QPSK	25	25	21.82	21.84	21.78		
10	QPSK	50	0	21.83	21.85	21.81		
10	16QAM	1	0	21.79	21.80	21.79	23	1
10	16QAM	1	25	21.80	21.84	21.81		
10	16QAM	1	49	21.83	21.81	21.80		
10	16QAM	25	0	20.80	20.83	20.78	22	2
10	16QAM	25	12	20.75	20.81	20.71		
10	16QAM	25	25	20.74	20.80	20.74		
10	16QAM	50	0	20.74	20.76	20.76		
10	64QAM	1	0	20.75	20.77	20.77	22	2
10	64QAM	1	25	20.79	20.81	20.72		
10	64QAM	1	49	20.76	20.81	20.72		
10	64QAM	25	0	19.80	19.81	19.78	21	3
10	64QAM	25	12	19.74	19.78	19.74		
10	64QAM	25	25	19.73	19.75	19.71		
10	64QAM	50	0	19.76	19.78	19.73		
10	256QAM	1	0	17.74	17.78	17.75	19	5
10	256QAM	1	25	17.77	17.77	17.75		
10	256QAM	1	49	17.74	17.78	17.75		
10	256QAM	25	0	17.78	17.80	17.77	19	5
10	256QAM	25	12	17.72	17.76	17.73		
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.75	17.73	17.72		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.87	22.89	22.80	24	0
5	QPSK	1	12	22.76	22.84	22.78		
5	QPSK	1	24	22.78	22.85	22.79		
5	QPSK	12	0	21.83	21.81	21.78	23	1
5	QPSK	12	7	21.81	21.77	21.74		
5	QPSK	12	13	21.81	21.82	21.77		
5	QPSK	25	0	21.81	21.78	21.76		
5	16QAM	1	0	21.77	21.74	21.73	23	1
5	16QAM	1	12	21.77	21.80	21.75		
5	16QAM	1	24	21.82	21.79	21.75		
5	16QAM	12	0	20.75	20.82	20.77	22	2
5	16QAM	12	7	20.74	20.77	20.63		
5	16QAM	12	13	20.69	20.66	20.62		
5	16QAM	25	0	20.62	20.70	20.64		
5	64QAM	1	0	20.60	20.75	20.68	22	2
5	64QAM	1	12	20.72	20.68	20.69		
5	64QAM	1	24	20.75	20.78	20.70		
5	64QAM	12	0	19.72	19.75	19.73	21	3
5	64QAM	12	7	19.65	19.65	19.59		
5	64QAM	12	13	19.69	19.63	19.68		
5	64QAM	25	0	19.67	19.74	19.68		
5	256QAM	1	0	17.72	17.66	17.66	19	5
5	256QAM	1	12	17.75	17.67	17.62		
5	256QAM	1	24	17.60	17.70	17.71		
5	256QAM	12	0	17.69	17.70	17.62	19	5
5	256QAM	12	7	17.62	17.65	17.60		
5	256QAM	12	13	17.67	17.77	17.58		
5	256QAM	25	0	17.66	17.66	17.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.87	22.89	22.84	24	0
3	QPSK	1	8	22.76	22.80	22.79		
3	QPSK	1	14	22.80	22.81	22.78		
3	QPSK	8	0	21.81	21.79	21.77	23	1
3	QPSK	8	4	21.82	21.81	21.74		
3	QPSK	8	7	21.81	21.83	21.74		
3	QPSK	15	0	21.79	21.79	21.74		
3	16QAM	1	0	21.76	21.73	21.74	23	1
3	16QAM	1	8	21.75	21.80	21.78		
3	16QAM	1	14	21.80	21.73	21.79		
3	16QAM	8	0	20.74	20.78	20.70	22	2
3	16QAM	8	4	20.69	20.76	20.63		
3	16QAM	8	7	20.59	20.73	20.64		
3	16QAM	15	0	20.71	20.74	20.63		
3	64QAM	1	0	20.74	20.64	20.68	22	2
3	64QAM	1	8	20.71	20.68	20.58		
3	64QAM	1	14	20.64	20.72	20.67		
3	64QAM	8	0	19.73	19.67	19.74	21	3
3	64QAM	8	4	19.69	19.63	19.63		
3	64QAM	8	7	19.70	19.60	19.69		
3	64QAM	15	0	19.68	19.71	19.65		
3	256QAM	1	0	17.60	17.71	17.73	19	5
3	256QAM	1	8	17.75	17.68	17.69		
3	256QAM	1	14	17.69	17.67	17.69		
3	256QAM	8	0	17.67	17.66	17.69	19	5
3	256QAM	8	4	17.60	17.71	17.68		
3	256QAM	8	7	17.66	17.67	17.60		
3	256QAM	15	0	17.67	17.71	17.62		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.85	22.87	22.80	24	0
1.4	QPSK	1	3	22.80	22.84	22.78		
1.4	QPSK	1	5	22.79	22.84	22.80		
1.4	QPSK	3	0	22.85	22.87	22.82		
1.4	QPSK	3	1	22.81	22.83	22.76		
1.4	QPSK	3	3	22.81	22.80	22.80		
1.4	QPSK	6	0	21.80	21.79	21.79	23	1
1.4	16QAM	1	0	21.77	21.79	21.77	23	1
1.4	16QAM	1	3	21.79	21.82	21.75		
1.4	16QAM	1	5	21.76	21.79	21.74		
1.4	16QAM	3	0	21.75	21.75	21.78		
1.4	16QAM	3	1	21.79	21.80	21.78		
1.4	16QAM	3	3	21.82	21.77	21.72		
1.4	16QAM	6	0	20.77	20.74	20.73	22	2
1.4	64QAM	1	0	20.66	20.78	20.62	22	2
1.4	64QAM	1	3	20.65	20.73	20.69		
1.4	64QAM	1	5	20.64	20.62	20.70		
1.4	64QAM	3	0	20.65	20.75	20.70		
1.4	64QAM	3	1	20.78	20.66	20.66		
1.4	64QAM	3	3	20.63	20.75	20.62		
1.4	64QAM	6	0	19.68	19.77	19.75	21	3
1.4	256QAM	1	0	17.60	17.68	17.65	19	5
1.4	256QAM	1	3	17.69	17.63	17.64		
1.4	256QAM	1	5	17.65	17.72	17.72		
1.4	256QAM	3	0	17.65	17.65	17.68		
1.4	256QAM	3	1	17.69	17.72	17.58		
1.4	256QAM	3	3	17.65	17.69	17.66		
1.4	256QAM	6	0	17.67	17.65	17.69	19	5

Band 7_Ant 0(DSI 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	22.88	23.35	23.33	24	0
20	QPSK	1	49	22.86	23.29	23.30		
20	QPSK	1	99	22.87	23.34	23.29		
20	QPSK	50	0	21.85	22.23	22.21	23	1
20	QPSK	50	24	21.79	22.20	22.15		
20	QPSK	50	50	21.82	22.18	22.20		
20	QPSK	100	0	21.83	22.20	22.18		
20	16QAM	1	0	22.22	22.29	22.23	23	1
20	16QAM	1	49	22.22	22.25	22.19		
20	16QAM	1	99	22.14	22.18	22.12		
20	16QAM	50	0	21.17	21.23	21.21	22	2
20	16QAM	50	24	21.10	21.11	21.05		
20	16QAM	50	50	21.13	21.15	21.12		
20	16QAM	100	0	21.11	21.18	21.13		
20	64QAM	1	0	21.28	21.35	21.32	22	2
20	64QAM	1	49	21.21	21.25	21.19		
20	64QAM	1	99	21.18	21.23	21.18		
20	64QAM	50	0	20.19	20.22	20.18	21	3
20	64QAM	50	24	20.06	20.15	20.07		
20	64QAM	50	50	20.17	20.18	20.08		
20	64QAM	100	0	20.11	20.13	20.05		
20	256QAM	1	0	18.08	18.21	18.12	19	5
20	256QAM	1	49	18.09	18.18	18.05		
20	256QAM	1	99	18.11	18.15	18.10		
20	256QAM	50	0	18.11	18.20	18.08	19	5
20	256QAM	50	24	18.03	18.11	17.98		
20	256QAM	50	50	17.98	18.13	18.00		
20	256QAM	100	0	18.00	18.15	18.10		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.87	23.29	23.29	24	0
15	QPSK	1	37	22.81	23.24	23.24		
15	QPSK	1	74	22.85	23.29	23.25		
15	QPSK	36	0	21.79	22.16	22.18	23	1
15	QPSK	36	20	21.73	22.18	22.11		
15	QPSK	36	39	21.78	22.13	22.14		
15	QPSK	75	0	21.76	22.15	22.15		
15	16QAM	1	0	22.19	22.27	22.22	23	1
15	16QAM	1	37	22.15	22.18	22.18		
15	16QAM	1	74	22.09	22.12	22.04		
15	16QAM	36	0	21.10	21.17	21.13	22	2
15	16QAM	36	20	21.01	21.09	21.02		
15	16QAM	36	39	21.04	21.08	21.01		
15	16QAM	75	0	21.05	21.03	21.02		
15	64QAM	1	0	21.16	21.34	21.20	22	2
15	64QAM	1	37	21.11	21.21	21.14		
15	64QAM	1	74	21.17	21.09	21.03		
15	64QAM	36	0	20.09	20.11	20.14	21	3
15	64QAM	36	20	20.01	20.12	20.06		
15	64QAM	36	39	20.03	20.13	19.98		
15	64QAM	75	0	20.05	19.99	19.99		
15	256QAM	1	0	17.96	18.15	18.08	19	5
15	256QAM	1	37	18.02	18.11	17.95		
15	256QAM	1	74	18.04	18.12	18.00		
15	256QAM	36	0	17.99	18.05	17.98	19	5
15	256QAM	36	20	17.99	18.02	17.90		
15	256QAM	36	39	17.90	17.99	17.87		
15	256QAM	75	0	17.95	18.09	17.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.83	23.29	23.29	24	0
10	QPSK	1	25	22.82	23.23	23.28		
10	QPSK	1	49	22.84	23.32	23.26		
10	QPSK	25	0	21.80	22.17	22.17	23	1
10	QPSK	25	12	21.73	22.19	22.13		
10	QPSK	25	25	21.77	22.16	22.19		
10	QPSK	50	0	21.80	22.14	22.15		
10	16QAM	1	0	22.16	22.27	22.19	23	1
10	16QAM	1	25	22.17	22.19	22.18		
10	16QAM	1	49	22.13	22.14	22.08		
10	16QAM	25	0	21.16	21.14	21.13	22	2
10	16QAM	25	12	21.05	21.08	20.98		
10	16QAM	25	25	21.07	21.04	21.08		
10	16QAM	50	0	21.04	21.15	21.05		
10	64QAM	1	0	21.27	21.34	21.28	22	2
10	64QAM	1	25	21.06	21.17	21.06		
10	64QAM	1	49	21.06	21.12	21.15		
10	64QAM	25	0	20.15	20.16	20.12	21	3
10	64QAM	25	12	20.03	20.09	20.03		
10	64QAM	25	25	20.08	20.11	19.97		
10	64QAM	50	0	20.07	20.10	19.94		
10	256QAM	1	0	17.99	18.11	18.02	19	5
10	256QAM	1	25	17.94	18.06	17.99		
10	256QAM	1	49	18.02	18.10	18.01		
10	256QAM	25	0	17.99	18.10	17.99	19	5
10	256QAM	25	12	17.92	18.03	17.94		
10	256QAM	25	25	17.93	18.04	17.85		
10	256QAM	50	0	17.85	18.10	18.01		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.84	23.29	23.26	24	0
5	QPSK	1	12	22.81	23.27	23.26		
5	QPSK	1	24	22.82	23.29	23.24		
5	QPSK	12	0	21.81	22.16	22.16	23	1
5	QPSK	12	7	21.75	22.14	22.10		
5	QPSK	12	13	21.78	22.17	22.13		
5	QPSK	25	0	21.80	22.13	22.12		
5	16QAM	1	0	22.21	22.28	22.22	23	1
5	16QAM	1	12	22.18	22.18	22.15		
5	16QAM	1	24	22.07	22.15	22.04		
5	16QAM	12	0	21.09	21.22	21.16	22	2
5	16QAM	12	7	21.06	21.07	21.03		
5	16QAM	12	13	21.08	21.13	21.03		
5	16QAM	25	0	20.96	21.16	21.12		
5	64QAM	1	0	21.22	21.32	21.27	22	2
5	64QAM	1	12	21.18	21.11	21.07		
5	64QAM	1	24	21.06	21.08	21.04		
5	64QAM	12	0	20.13	20.07	20.15	21	3
5	64QAM	12	7	19.95	20.13	19.96		
5	64QAM	12	13	20.14	20.15	20.04		
5	64QAM	25	0	20.01	20.09	19.92		
5	256QAM	1	0	17.97	18.08	18.01	19	5
5	256QAM	1	12	18.02	18.04	17.99		
5	256QAM	1	24	18.10	18.11	17.95		
5	256QAM	12	0	18.09	18.10	17.95	19	5
5	256QAM	12	7	18.02	18.00	17.97		
5	256QAM	12	13	17.93	18.04	17.88		
5	256QAM	25	0	17.87	18.12	18.00		

Band 12_Ant 0(DSI 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	23.46	23.47	23.46	24	0
10	QPSK	1	25	23.40	23.41	23.41		
10	QPSK	1	49	23.41	23.46	23.39		
10	QPSK	25	0	22.42	22.45	22.43	23	1
10	QPSK	25	12	22.38	22.41	22.37		
10	QPSK	25	25	22.40	22.41	22.41		
10	QPSK	50	0	22.40	22.43	22.37		
10	16QAM	1	0	22.35	22.40	22.40	23	1
10	16QAM	1	25	22.39	22.44	22.39		
10	16QAM	1	49	22.37	22.42	22.40		
10	16QAM	25	0	21.42	21.46	21.44	22	2
10	16QAM	25	12	21.38	21.44	21.39		
10	16QAM	25	25	21.40	21.40	21.43		
10	16QAM	50	0	21.35	21.39	21.39		
10	64QAM	1	0	21.39	21.41	21.40	22	2
10	64QAM	1	25	21.40	21.45	21.37		
10	64QAM	1	49	21.37	21.43	21.37		
10	64QAM	25	0	20.41	20.44	20.43	21	3
10	64QAM	25	12	20.35	20.37	20.42		
10	64QAM	25	25	20.39	20.41	20.42		
10	64QAM	50	0	20.38	20.38	20.39		
10	256QAM	1	0	18.36	18.44	18.43	19	5
10	256QAM	1	25	18.36	18.40	18.38		
10	256QAM	1	49	18.34	18.43	18.44		
10	256QAM	25	0	18.41	18.46	18.45	19	5
10	256QAM	25	12	18.39	18.40	18.41		
10	256QAM	25	25	18.34	18.41	18.38		
10	256QAM	50	0	18.40	18.39	18.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.45	23.44	23.45	24	0
5	QPSK	1	12	23.38	23.37	23.35		
5	QPSK	1	24	23.36	23.42	23.38		
5	QPSK	12	0	22.38	22.40	22.41	23	1
5	QPSK	12	7	22.35	22.39	22.35		
5	QPSK	12	13	22.37	22.38	22.37		
5	QPSK	25	0	22.34	22.39	22.30		
5	16QAM	1	0	22.30	22.37	22.39	23	1
5	16QAM	1	12	22.35	22.43	22.38		
5	16QAM	1	24	22.33	22.36	22.39		
5	16QAM	12	0	21.39	21.38	21.43	22	2
5	16QAM	12	7	21.29	21.38	21.34		
5	16QAM	12	13	21.29	21.36	21.31		
5	16QAM	25	0	21.23	21.28	21.26		
5	64QAM	1	0	21.38	21.40	21.35	22	2
5	64QAM	1	12	21.38	21.35	21.24		
5	64QAM	1	24	21.27	21.38	21.22		
5	64QAM	12	0	20.26	20.31	20.33	21	3
5	64QAM	12	7	20.31	20.28	20.36		
5	64QAM	12	13	20.38	20.39	20.32		
5	64QAM	25	0	20.29	20.25	20.30		
5	256QAM	1	0	18.22	18.35	18.28	19	5
5	256QAM	1	12	18.25	18.31	18.31		
5	256QAM	1	24	18.20	18.33	18.32		
5	256QAM	12	0	18.31	18.42	18.38	19	5
5	256QAM	12	7	18.32	18.30	18.27		
5	256QAM	12	13	18.23	18.35	18.31		
5	256QAM	25	0	18.30	18.38	18.26		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.42	23.44	23.40	24	0
3	QPSK	1	8	23.34	23.36	23.36		
3	QPSK	1	14	23.39	23.39	23.35		
3	QPSK	8	0	22.41	22.41	22.42	23	1
3	QPSK	8	4	22.34	22.36	22.32		
3	QPSK	8	7	22.39	22.34	22.37		
3	QPSK	15	0	22.34	22.41	22.36		
3	16QAM	1	0	22.32	22.35	22.35	23	1
3	16QAM	1	8	22.37	22.42	22.38		
3	16QAM	1	14	22.29	22.36	22.39		
3	16QAM	8	0	21.36	21.43	21.39	22	2
3	16QAM	8	4	21.36	21.42	21.32		
3	16QAM	8	7	21.34	21.25	21.35		
3	16QAM	15	0	21.20	21.35	21.32		
3	64QAM	1	0	21.35	21.34	21.32	22	2
3	64QAM	1	8	21.39	21.43	21.33		
3	64QAM	1	14	21.29	21.39	21.34		
3	64QAM	8	0	20.39	20.40	20.36	21	3
3	64QAM	8	4	20.34	20.33	20.28		
3	64QAM	8	7	20.26	20.35	20.39		
3	64QAM	15	0	20.26	20.24	20.25		
3	256QAM	1	0	18.23	18.30	18.28	19	5
3	256QAM	1	8	18.32	18.27	18.24		
3	256QAM	1	14	18.21	18.28	18.41		
3	256QAM	8	0	18.26	18.42	18.43	19	5
3	256QAM	8	4	18.30	18.35	18.37		
3	256QAM	8	7	18.27	18.30	18.24		
3	256QAM	15	0	18.31	18.24	18.34		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.43	23.43	23.45	24	0
1.4	QPSK	1	3	23.36	23.38	23.38		
1.4	QPSK	1	5	23.40	23.44	23.32		
1.4	QPSK	3	0	23.41	23.45	23.43		
1.4	QPSK	3	1	23.37	23.35	23.40		
1.4	QPSK	3	3	23.36	23.42	23.34		
1.4	QPSK	6	0	22.40	22.44	22.36	23	1
1.4	16QAM	1	0	22.34	22.34	22.33	23	1
1.4	16QAM	1	3	22.39	22.34	22.40		
1.4	16QAM	1	5	22.34	22.41	22.34		
1.4	16QAM	3	0	22.32	22.38	22.37		
1.4	16QAM	3	1	22.32	22.40	22.35		
1.4	16QAM	3	3	22.32	22.34	22.34		
1.4	16QAM	6	0	21.34	21.45	21.39	22	2
1.4	64QAM	1	0	21.35	21.37	21.37	22	2
1.4	64QAM	1	3	21.34	21.25	21.29		
1.4	64QAM	1	5	21.32	21.33	21.31		
1.4	64QAM	3	0	21.30	21.28	21.29		
1.4	64QAM	3	1	21.26	21.30	21.32		
1.4	64QAM	3	3	21.34	21.35	21.23		
1.4	64QAM	6	0	20.28	20.36	20.29	21	3
1.4	256QAM	1	0	18.29	18.30	18.33	19	5
1.4	256QAM	1	3	18.22	18.35	18.25		
1.4	256QAM	1	5	18.31	18.31	18.42		
1.4	256QAM	3	0	18.30	18.35	18.42		
1.4	256QAM	3	1	18.24	18.29	18.38		
1.4	256QAM	3	3	18.25	18.34	18.23		
1.4	256QAM	6	0	18.34	18.32	18.36	19	5

Band 13_Ant 0(DSI 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		23.46		24	0
10	QPSK	1	25		23.43			
10	QPSK	1	49		23.42			
10	QPSK	25	0		22.45		23	1
10	QPSK	25	12		22.38			
10	QPSK	25	25		22.41			
10	QPSK	50	0		22.43			
10	16QAM	1	0		21.40		23	1
10	16QAM	1	25		21.38			
10	16QAM	1	49		21.42			
10	16QAM	25	0		21.43		22	2
10	16QAM	25	12		21.40			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.41			
10	64QAM	1	0		21.38		22	2
10	64QAM	1	25		21.37			
10	64QAM	1	49		21.40			
10	64QAM	25	0		20.44		21	3
10	64QAM	25	12		20.38			
10	64QAM	25	25		20.42			
10	64QAM	50	0		20.43			
10	256QAM	1	0		18.42		19	5
10	256QAM	1	25		18.40			
10	256QAM	1	49		18.38			
10	256QAM	25	0		18.45		19	5
10	256QAM	25	12		18.42			
10	256QAM	25	25		18.43			
10	256QAM	50	0		18.41			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.44	23.39	23.43	24	0
5	QPSK	1	12	23.37	23.39	23.41		
5	QPSK	1	24	23.37	23.41	23.38		
5	QPSK	12	0	22.44	22.42	22.40	23	1
5	QPSK	12	7	22.35	22.31	22.32		
5	QPSK	12	13	22.37	22.37	22.34		
5	QPSK	25	0	22.38	22.40	22.40		
5	16QAM	1	0	21.38	21.35	21.38	23	1
5	16QAM	1	12	21.34	21.33	21.35		
5	16QAM	1	24	21.38	21.39	21.35		
5	16QAM	12	0	21.42	21.42	21.38	22	2
5	16QAM	12	7	21.33	21.33	21.39		
5	16QAM	12	13	21.29	21.22	21.31		
5	16QAM	25	0	21.35	21.38	21.37		
5	64QAM	1	0	21.34	21.35	21.24	22	2
5	64QAM	1	12	21.33	21.34	21.31		
5	64QAM	1	24	21.32	21.29	21.26		
5	64QAM	12	0	20.42	20.41	20.43	21	3
5	64QAM	12	7	20.34	20.31	20.28		
5	64QAM	12	13	20.39	20.29	20.40		
5	64QAM	25	0	20.41	20.39	20.29		
5	256QAM	1	0	18.34	18.31	18.39	19	5
5	256QAM	1	12	18.28	18.29	18.39		
5	256QAM	1	24	18.36	18.37	18.37		
5	256QAM	12	0	18.40	18.41	18.31	19	5
5	256QAM	12	7	18.27	18.38	18.38		
5	256QAM	12	13	18.30	18.34	18.34		
5	256QAM	25	0	18.31	18.30	18.40		

Band 14_Ant 4(DSI 3)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		28.99		29.5	0
10	QPSK	1	25		28.77			
10	QPSK	1	49		28.92			
10	QPSK	25	0		27.83		28.5	1
10	QPSK	25	12		27.76			
10	QPSK	25	25		27.81			
10	QPSK	50	0		27.75			
10	16QAM	1	0		27.98		28.5	1
10	16QAM	1	25		28.05			
10	16QAM	1	49		28.26			
10	16QAM	25	0		26.66		27.5	2
10	16QAM	25	12		26.73			
10	16QAM	25	25		26.83			
10	16QAM	50	0		26.73			
10	64QAM	1	0		27.08		27.5	2
10	64QAM	1	25		27.06			
10	64QAM	1	49		27.22			
10	64QAM	25	0		25.63		26.5	3
10	64QAM	25	12		25.75			
10	64QAM	25	25		25.81			
10	64QAM	50	0		25.73			
10	256QAM	1	0		23.82		24.5	5
10	256QAM	1	25		23.70			
10	256QAM	1	49		23.72			
10	256QAM	25	0		23.71		24.5	5
10	256QAM	25	12		23.77			
10	256QAM	25	25		23.70			
10	256QAM	50	0		23.73			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	28.86	28.92	28.91	29.5	0
5	QPSK	1	12	28.65	28.72	28.72		
5	QPSK	1	24	28.79	28.85	28.91		
5	QPSK	12	0	27.61	27.67	27.61	28.5	1
5	QPSK	12	7	27.75	27.76	27.75		
5	QPSK	12	13	27.80	27.68	27.70		
5	QPSK	25	0	27.62	27.73	27.60		
5	16QAM	1	0	27.87	27.89	27.85	28.5	1
5	16QAM	1	12	27.90	27.92	27.94		
5	16QAM	1	24	28.17	28.25	28.15		
5	16QAM	12	0	26.52	26.59	26.54	27.5	2
5	16QAM	12	7	26.71	26.72	26.68		
5	16QAM	12	13	26.72	26.69	26.77		
5	16QAM	25	0	26.60	26.61	26.66		
5	64QAM	1	0	27.02	26.96	27.02	27.5	2
5	64QAM	1	12	27.01	26.93	26.96		
5	64QAM	1	24	27.16	27.21	27.15		
5	64QAM	12	0	25.52	25.54	25.49	26.5	3
5	64QAM	12	7	25.61	25.64	25.66		
5	64QAM	12	13	25.67	25.77	25.77		
5	64QAM	25	0	25.65	25.65	25.70		
5	256QAM	1	0	23.77	23.75	23.68	24.5	5
5	256QAM	1	12	23.55	23.62	23.55		
5	256QAM	1	24	23.62	23.67	23.62		
5	256QAM	12	0	23.69	23.57	23.61	24.5	5
5	256QAM	12	7	23.65	23.62	23.67		
5	256QAM	12	13	23.64	23.62	23.64		
5	256QAM	25	0	23.69	23.61	23.67		

Band 25_Ant 0(DSI 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	22.35	22.45	22.44	23	0
20	QPSK	1	49	22.29	22.40	22.35		
20	QPSK	1	99	22.25	22.31	22.21		
20	QPSK	50	0	21.38	21.45	21.44	22	1
20	QPSK	50	24	21.30	21.34	21.23		
20	QPSK	50	50	21.37	21.38	21.34		
20	QPSK	100	0	21.37	21.41	21.39		
20	16QAM	1	0	21.64	21.76	21.73	22	1
20	16QAM	1	49	21.64	21.75	21.61		
20	16QAM	1	99	21.49	21.64	21.61		
20	16QAM	50	0	20.24	20.39	20.36	21	2
20	16QAM	50	24	20.41	20.48	20.47		
20	16QAM	50	50	20.34	20.40	20.30		
20	16QAM	100	0	20.31	20.41	20.34		
20	64QAM	1	0	21.49	21.53	21.48	22	1
20	64QAM	1	49	21.47	21.58	21.45		
20	64QAM	1	99	21.42	21.44	21.31		
20	64QAM	50	0	20.27	20.38	20.31	21	2
20	64QAM	50	24	20.42	20.43	20.35		
20	64QAM	50	50	20.27	20.38	20.29		
20	64QAM	100	0	20.34	20.43	20.37		
20	256QAM	1	0	17.16	17.13	17.18	18	5
20	256QAM	1	49	17.11	17.14	17.09		
20	256QAM	1	99	17.09	17.06	17.10		
20	256QAM	50	0	17.03	17.08	17.07	18	5
20	256QAM	50	24	17.06	17.14	17.13		
20	256QAM	50	50	17.09	17.06	17.07		
20	256QAM	100	0	17.13	17.08	17.17		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.25	22.39	22.31	23	0
15	QPSK	1	37	22.19	22.39	22.33		
15	QPSK	1	74	22.20	22.25	22.19		
15	QPSK	36	0	21.22	21.33	21.18	22	1
15	QPSK	36	20	21.34	21.39	21.43		
15	QPSK	36	39	21.31	21.27	21.33		
15	QPSK	75	0	21.31	21.33	21.26		
15	16QAM	1	0	21.58	21.75	21.63	22	1
15	16QAM	1	37	21.58	21.65	21.46		
15	16QAM	1	74	21.39	21.55	21.56		
15	16QAM	36	0	20.21	20.27	20.29	21	2
15	16QAM	36	20	20.29	20.45	20.44		
15	16QAM	36	39	20.28	20.35	20.29		
15	16QAM	75	0	20.20	20.33	20.24		
15	64QAM	1	0	21.36	21.50	21.40	22	1
15	64QAM	1	37	21.37	21.46	21.30		
15	64QAM	1	74	21.32	21.30	21.25		
15	64QAM	36	0	20.24	20.23	20.18	21	2
15	64QAM	36	20	20.30	20.30	20.24		
15	64QAM	36	39	20.15	20.34	20.24		
15	64QAM	75	0	20.29	20.28	20.24		
15	256QAM	1	0	17.09	17.06	17.04	18	5
15	256QAM	1	37	17.10	17.01	16.99		
15	256QAM	1	74	17.02	16.93	16.95		
15	256QAM	36	0	16.95	16.95	17.02	18	5
15	256QAM	36	20	16.93	17.12	17.10		
15	256QAM	36	39	16.94	16.99	17.01		
15	256QAM	75	0	17.05	16.93	17.08		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.24	22.38	22.39	23	0
10	QPSK	1	25	22.15	22.35	22.21		
10	QPSK	1	49	22.14	22.29	22.07		
10	QPSK	25	0	21.29	21.27	21.08	22	1
10	QPSK	25	12	21.26	21.31	21.43		
10	QPSK	25	25	21.25	21.33	21.32		
10	QPSK	50	0	21.33	21.31	21.27		
10	16QAM	1	0	21.59	21.73	21.63	22	1
10	16QAM	1	25	21.59	21.60	21.46		
10	16QAM	1	49	21.45	21.52	21.52		
10	16QAM	25	0	20.14	20.34	20.22	21	2
10	16QAM	25	12	20.33	20.34	20.34		
10	16QAM	25	25	20.31	20.26	20.20		
10	16QAM	50	0	20.21	20.32	20.28		
10	64QAM	1	0	21.45	21.41	21.42	22	1
10	64QAM	1	25	21.45	21.50	21.30		
10	64QAM	1	49	21.31	21.33	21.29		
10	64QAM	25	0	20.19	20.31	20.30	21	2
10	64QAM	25	12	20.29	20.28	20.33		
10	64QAM	25	25	20.12	20.36	20.14		
10	64QAM	50	0	20.22	20.38	20.29		
10	256QAM	1	0	17.03	17.01	17.08	18	5
10	256QAM	1	25	17.04	17.12	16.97		
10	256QAM	1	49	17.06	17.04	16.99		
10	256QAM	25	0	16.95	17.03	16.93	18	5
10	256QAM	25	12	16.99	17.07	17.08		
10	256QAM	25	25	17.03	17.01	17.04		
10	256QAM	50	0	17.00	16.93	17.04		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.33	22.31	22.39	23	0
5	QPSK	1	12	22.23	22.25	22.21		
5	QPSK	1	24	22.18	22.26	22.09		
5	QPSK	12	0	21.22	21.23	21.18	22	1
5	QPSK	12	7	21.35	21.35	21.33		
5	QPSK	12	13	21.31	21.24	21.20		
5	QPSK	25	0	21.29	21.27	21.35		
5	16QAM	1	0	21.50	21.71	21.70	22	1
5	16QAM	1	12	21.57	21.65	21.56		
5	16QAM	1	24	21.45	21.60	21.50		
5	16QAM	12	0	20.23	20.35	20.28	21	2
5	16QAM	12	7	20.40	20.37	20.33		
5	16QAM	12	13	20.23	20.27	20.17		
5	16QAM	25	0	20.26	20.35	20.23		
5	64QAM	1	0	21.42	21.49	21.42	22	1
5	64QAM	1	12	21.43	21.50	21.42		
5	64QAM	1	24	21.40	21.40	21.19		
5	64QAM	12	0	20.21	20.25	20.23	21	2
5	64QAM	12	7	20.30	20.34	20.20		
5	64QAM	12	13	20.15	20.24	20.17		
5	64QAM	25	0	20.28	20.39	20.28		
5	256QAM	1	0	17.09	17.04	17.10	18	5
5	256QAM	1	12	16.96	17.07	17.06		
5	256QAM	1	24	17.00	16.96	17.02		
5	256QAM	12	0	16.93	16.94	17.02	18	5
5	256QAM	12	7	16.98	17.01	17.12		
5	256QAM	12	13	17.01	16.91	16.95		
5	256QAM	25	0	17.10	17.04	17.05		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.33	22.37	22.31	23	0
3	QPSK	1	8	22.26	22.25	22.20		
3	QPSK	1	14	22.10	22.24	22.12		
3	QPSK	8	0	21.21	21.33	21.14	22	1
3	QPSK	8	4	21.26	21.30	21.43		
3	QPSK	8	7	21.29	21.37	21.23		
3	QPSK	15	0	21.24	21.30	21.30		
3	16QAM	1	0	21.49	21.71	21.70	22	1
3	16QAM	1	8	21.57	21.74	21.53		
3	16QAM	1	14	21.42	21.58	21.48		
3	16QAM	8	0	20.20	20.25	20.32	21	2
3	16QAM	8	4	20.35	20.35	20.35		
3	16QAM	8	7	20.33	20.37	20.22		
3	16QAM	15	0	20.24	20.33	20.24		
3	64QAM	1	0	21.48	21.48	21.35	22	1
3	64QAM	1	8	21.43	21.56	21.38		
3	64QAM	1	14	21.34	21.35	21.17		
3	64QAM	8	0	20.18	20.36	20.24	21	2
3	64QAM	8	4	20.35	20.32	20.21		
3	64QAM	8	7	20.22	20.28	20.22		
3	64QAM	15	0	20.28	20.38	20.34		
3	256QAM	1	0	17.12	17.12	17.13	18	5
3	256QAM	1	8	17.08	17.13	16.96		
3	256QAM	1	14	17.00	17.00	17.05		
3	256QAM	8	0	16.90	16.97	16.99	18	5
3	256QAM	8	4	16.94	17.11	16.98		
3	256QAM	8	7	16.94	16.97	17.03		
3	256QAM	15	0	17.08	16.94	17.15		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.30	22.42	22.42	23	0
1.4	QPSK	1	3	22.15	22.32	22.26		
1.4	QPSK	1	5	22.12	22.25	22.18		
1.4	QPSK	3	0	22.29	22.28	22.28		
1.4	QPSK	3	1	22.06	22.27	22.22		
1.4	QPSK	3	3	21.99	22.23	22.16		
1.4	QPSK	6	0	21.36	21.32	21.32	22	1
1.4	16QAM	1	0	21.51	21.71	21.58	22	1
1.4	16QAM	1	3	21.54	21.61	21.54		
1.4	16QAM	1	5	21.41	21.50	21.46		
1.4	16QAM	3	0	21.37	21.60	21.55		
1.4	16QAM	3	1	21.44	21.54	21.42		
1.4	16QAM	3	3	21.35	21.44	21.44		
1.4	16QAM	6	0	20.19	20.31	20.33	21	2
1.4	64QAM	1	0	21.40	21.40	21.35	22	1
1.4	64QAM	1	3	21.38	21.50	21.38		
1.4	64QAM	1	5	21.28	21.38	21.19		
1.4	64QAM	3	0	21.39	21.35	21.33		
1.4	64QAM	3	1	21.24	21.49	21.33		
1.4	64QAM	3	3	21.19	21.33	21.14		
1.4	64QAM	6	0	20.25	20.39	20.25	21	2
1.4	256QAM	1	0	17.10	16.98	17.08	18	5
1.4	256QAM	1	3	17.00	17.02	16.96		
1.4	256QAM	1	5	17.06	17.02	17.00		
1.4	256QAM	3	0	17.00	17.04	17.04		
1.4	256QAM	3	1	17.00	17.09	17.10		
1.4	256QAM	3	3	17.02	17.03	16.94		
1.4	256QAM	6	0	17.03	17.07	17.11	18	5

Band 25_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.65	21.70	21.63	22.5	0
20	QPSK	1	49	21.61	21.63	21.59		
20	QPSK	1	99	21.63	21.65	21.61		
20	QPSK	50	0	20.89	20.92	20.87	21.5	1
20	QPSK	50	24	20.83	20.89	20.86		
20	QPSK	50	50	20.88	20.89	20.85		
20	QPSK	100	0	20.85	20.90	20.83		
20	16QAM	1	0	20.82	20.90	20.82	21.5	1
20	16QAM	1	49	20.82	20.85	20.85		
20	16QAM	1	99	20.85	20.91	20.83		
20	16QAM	50	0	19.86	19.90	19.85	20.5	2
20	16QAM	50	24	19.81	19.86	19.78		
20	16QAM	50	50	19.79	19.88	19.80		
20	16QAM	100	0	19.82	19.84	19.78		
20	64QAM	1	0	19.85	19.89	19.79	20.5	2
20	64QAM	1	49	19.84	19.89	19.82		
20	64QAM	1	99	19.84	19.86	19.81		
20	64QAM	50	0	18.85	18.89	18.83	19.5	3
20	64QAM	50	24	18.81	18.88	18.79		
20	64QAM	50	50	18.78	18.82	18.76		
20	64QAM	100	0	18.84	18.82	18.76		
20	256QAM	1	0	16.82	16.82	16.76	17.5	5
20	256QAM	1	49	16.85	16.84	16.82		
20	256QAM	1	99	16.84	16.82	16.77		
20	256QAM	50	0	16.86	16.89	16.83	17.5	5
20	256QAM	50	24	16.80	16.82	16.79		
20	256QAM	50	50	16.83	16.85	16.82		
20	256QAM	100	0	16.79	16.88	16.79		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.60	21.64	21.59	22.5	0
15	QPSK	1	37	21.58	21.60	21.58		
15	QPSK	1	74	21.59	21.61	21.55		
15	QPSK	36	0	20.82	20.85	20.80	21.5	1
15	QPSK	36	20	20.77	20.88	20.85		
15	QPSK	36	39	20.87	20.86	20.80		
15	QPSK	75	0	20.83	20.89	20.79		
15	16QAM	1	0	20.81	20.84	20.79	21.5	1
15	16QAM	1	37	20.76	20.79	20.80		
15	16QAM	1	74	20.84	20.86	20.79		
15	16QAM	36	0	19.83	19.86	19.76	20.5	2
15	16QAM	36	20	19.75	19.77	19.71		
15	16QAM	36	39	19.70	19.77	19.65		
15	16QAM	75	0	19.72	19.79	19.69		
15	64QAM	1	0	19.73	19.77	19.77	20.5	2
15	64QAM	1	37	19.81	19.84	19.78		
15	64QAM	1	74	19.76	19.79	19.79		
15	64QAM	36	0	18.84	18.82	18.81	19.5	3
15	64QAM	36	20	18.72	18.77	18.67		
15	64QAM	36	39	18.72	18.67	18.65		
15	64QAM	75	0	18.78	18.77	18.74		
15	256QAM	1	0	16.71	16.74	16.66	17.5	5
15	256QAM	1	37	16.75	16.80	16.81		
15	256QAM	1	74	16.77	16.73	16.73		
15	256QAM	36	0	16.79	16.85	16.77	17.5	5
15	256QAM	36	20	16.66	16.75	16.76		
15	256QAM	36	39	16.68	16.71	16.68		
15	256QAM	75	0	16.65	16.76	16.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.61	21.65	21.59	22.5	0
10	QPSK	1	25	21.57	21.60	21.57		
10	QPSK	1	49	21.56	21.61	21.54		
10	QPSK	25	0	20.86	20.89	20.81	21.5	1
10	QPSK	25	12	20.78	20.87	20.84		
10	QPSK	25	25	20.83	20.86	20.79		
10	QPSK	50	0	20.83	20.89	20.77		
10	16QAM	1	0	20.80	20.88	20.76	21.5	1
10	16QAM	1	25	20.75	20.78	20.81		
10	16QAM	1	49	20.76	20.83	20.75		
10	16QAM	25	0	19.84	19.81	19.78	20.5	2
10	16QAM	25	12	19.75	19.85	19.70		
10	16QAM	25	25	19.66	19.74	19.78		
10	16QAM	50	0	19.68	19.70	19.66		
10	64QAM	1	0	19.79	19.84	19.70	20.5	2
10	64QAM	1	25	19.76	19.84	19.81		
10	64QAM	1	49	19.80	19.73	19.76		
10	64QAM	25	0	18.73	18.80	18.75	19.5	3
10	64QAM	25	12	18.72	18.84	18.76		
10	64QAM	25	25	18.69	18.76	18.65		
10	64QAM	50	0	18.82	18.76	18.63		
10	256QAM	1	0	16.75	16.72	16.64	17.5	5
10	256QAM	1	25	16.84	16.71	16.69		
10	256QAM	1	49	16.74	16.70	16.67		
10	256QAM	25	0	16.73	16.84	16.81	17.5	5
10	256QAM	25	12	16.77	16.72	16.71		
10	256QAM	25	25	16.71	16.72	16.70		
10	256QAM	50	0	16.72	16.77	16.69		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.63	21.63	21.60	22.5	0
5	QPSK	1	12	21.58	21.57	21.55		
5	QPSK	1	24	21.57	21.63	21.54		
5	QPSK	12	0	20.84	20.90	20.86	21.5	1
5	QPSK	12	7	20.82	20.82	20.85		
5	QPSK	12	13	20.84	20.84	20.78		
5	QPSK	25	0	20.82	20.83	20.80		
5	16QAM	1	0	20.75	20.83	20.81	21.5	1
5	16QAM	1	12	20.79	20.82	20.82		
5	16QAM	1	24	20.82	20.86	20.82		
5	16QAM	12	0	19.80	19.84	19.84	20.5	2
5	16QAM	12	7	19.77	19.84	19.72		
5	16QAM	12	13	19.68	19.82	19.76		
5	16QAM	25	0	19.79	19.75	19.65		
5	64QAM	1	0	19.81	19.85	19.64	20.5	2
5	64QAM	1	12	19.79	19.86	19.78		
5	64QAM	1	24	19.73	19.81	19.67		
5	64QAM	12	0	18.75	18.78	18.71	19.5	3
5	64QAM	12	7	18.70	18.79	18.69		
5	64QAM	12	13	18.75	18.77	18.62		
5	64QAM	25	0	18.69	18.69	18.71		
5	256QAM	1	0	16.81	16.73	16.67	17.5	5
5	256QAM	1	12	16.81	16.71	16.80		
5	256QAM	1	24	16.78	16.70	16.69		
5	256QAM	12	0	16.83	16.82	16.69	17.5	5
5	256QAM	12	7	16.77	16.80	16.72		
5	256QAM	12	13	16.80	16.81	16.70		
5	256QAM	25	0	16.74	16.75	16.74		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.58	21.68	21.57	22.5	0
3	QPSK	1	8	21.60	21.62	21.57		
3	QPSK	1	14	21.60	21.63	21.58		
3	QPSK	8	0	20.82	20.89	20.81	21.5	1
3	QPSK	8	4	20.81	20.86	20.84		
3	QPSK	8	7	20.86	20.83	20.79		
3	QPSK	15	0	20.81	20.86	20.77		
3	16QAM	1	0	20.75	20.89	20.78	21.5	1
3	16QAM	1	8	20.76	20.78	20.82		
3	16QAM	1	14	20.81	20.83	20.77		
3	16QAM	8	0	19.83	19.81	19.80	20.5	2
3	16QAM	8	4	19.75	19.82	19.75		
3	16QAM	8	7	19.70	19.77	19.66		
3	16QAM	15	0	19.76	19.73	19.68		
3	64QAM	1	0	19.75	19.84	19.75	20.5	2
3	64QAM	1	8	19.71	19.85	19.71		
3	64QAM	1	14	19.72	19.72	19.75		
3	64QAM	8	0	18.77	18.75	18.77	19.5	3
3	64QAM	8	4	18.67	18.74	18.68		
3	64QAM	8	7	18.72	18.72	18.74		
3	64QAM	15	0	18.70	18.68	18.61		
3	256QAM	1	0	16.75	16.74	16.62	17.5	5
3	256QAM	1	8	16.82	16.70	16.81		
3	256QAM	1	14	16.74	16.75	16.66		
3	256QAM	8	0	16.76	16.83	16.71	17.5	5
3	256QAM	8	4	16.72	16.70	16.68		
3	256QAM	8	7	16.74	16.75	16.81		
3	256QAM	15	0	16.78	16.76	16.73		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.60	21.68	21.57	22.5	0
1.4	QPSK	1	3	21.60	21.60	21.58		
1.4	QPSK	1	5	21.57	21.64	21.54		
1.4	QPSK	3	0	21.60	21.69	21.59		
1.4	QPSK	3	1	21.56	21.60	21.52		
1.4	QPSK	3	3	21.61	21.61	21.59		
1.4	QPSK	6	0	20.82	20.88	20.85	21.5	1
1.4	16QAM	1	0	20.80	20.86	20.83	21.5	1
1.4	16QAM	1	3	20.87	20.88	20.81		
1.4	16QAM	1	5	20.81	20.88	20.76		
1.4	16QAM	3	0	20.77	20.87	20.79		
1.4	16QAM	3	1	20.77	20.84	20.82		
1.4	16QAM	3	3	20.80	20.89	20.79		
1.4	16QAM	6	0	19.78	19.84	19.81	20.5	2
1.4	64QAM	1	0	19.80	19.77	19.74	20.5	2
1.4	64QAM	1	3	19.73	19.75	19.73		
1.4	64QAM	1	5	19.78	19.79	19.77		
1.4	64QAM	3	0	19.77	19.83	19.70		
1.4	64QAM	3	1	19.73	19.86	19.72		
1.4	64QAM	3	3	19.80	19.79	19.70		
1.4	64QAM	6	0	18.83	18.85	18.76	19.5	3
1.4	256QAM	1	0	16.75	16.81	16.74	17.5	5
1.4	256QAM	1	3	16.76	16.79	16.77		
1.4	256QAM	1	5	16.76	16.76	16.74		
1.4	256QAM	3	0	16.78	16.86	16.69		
1.4	256QAM	3	1	16.73	16.77	16.69		
1.4	256QAM	3	3	16.69	16.78	16.80		
1.4	256QAM	6	0	16.72	16.76	16.70	17.5	5

Band 26(FCC)_Ant 0(DSI 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	23.51	23.53	23.46	24	0
15	QPSK	1	37	23.47	23.52	23.41		
15	QPSK	1	74	23.44	23.46	23.42		
15	QPSK	36	0	22.45	22.49	22.44	23	1
15	QPSK	36	20	22.46	22.45	22.42		
15	QPSK	36	39	22.45	22.45	22.37		
15	QPSK	75	0	22.41	22.45	22.39		
15	16QAM	1	0	22.42	22.45	22.40	23	1
15	16QAM	1	37	22.44	22.48	22.39		
15	16QAM	1	74	22.43	22.45	22.41		
15	16QAM	36	0	21.48	21.50	21.45	22	2
15	16QAM	36	20	21.44	21.49	21.44		
15	16QAM	36	39	21.47	21.48	21.43		
15	16QAM	75	0	21.43	21.45	21.43		
15	64QAM	1	0	21.42	21.46	21.41	22	2
15	64QAM	1	37	21.45	21.47	21.42		
15	64QAM	1	74	21.46	21.48	21.41		
15	64QAM	36	0	20.48	20.50	20.46	21	3
15	64QAM	36	20	20.45	20.46	20.40		
15	64QAM	36	39	20.43	20.43	20.43		
15	64QAM	75	0	20.43	20.49	20.43		
15	256QAM	1	0	18.43	18.49	18.39	19	5
15	256QAM	1	37	18.41	18.50	18.39		
15	256QAM	1	74	18.43	18.44	18.43		
15	256QAM	36	0	18.47	18.51	18.45	19	5
15	256QAM	36	20	18.40	18.48	18.41		
15	256QAM	36	39	18.40	18.50	18.38		
15	256QAM	75	0	18.43	18.50	18.40		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.49	23.51	23.43	24	0
10	QPSK	1	25	23.40	23.47	23.34		
10	QPSK	1	49	23.41	23.45	23.40		
10	QPSK	25	0	22.41	22.48	22.40	23	1
10	QPSK	25	12	22.39	22.42	22.35		
10	QPSK	25	25	22.40	22.44	22.31		
10	QPSK	50	0	22.36	22.44	22.32		
10	16QAM	1	0	22.35	22.44	22.38	23	1
10	16QAM	1	25	22.42	22.43	22.33		
10	16QAM	1	49	22.40	22.37	22.36		
10	16QAM	25	0	21.44	21.47	21.40	22	2
10	16QAM	25	12	21.35	21.47	21.41		
10	16QAM	25	25	21.32	21.40	21.37		
10	16QAM	50	0	21.41	21.42	21.41		
10	64QAM	1	0	21.28	21.38	21.26	22	2
10	64QAM	1	25	21.31	21.40	21.40		
10	64QAM	1	49	21.40	21.37	21.34		
10	64QAM	25	0	20.39	20.38	20.42	21	3
10	64QAM	25	12	20.35	20.36	20.36		
10	64QAM	25	25	20.41	20.35	20.36		
10	64QAM	50	0	20.39	20.48	20.29		
10	256QAM	1	0	18.33	18.38	18.33	19	5
10	256QAM	1	25	18.38	18.36	18.24		
10	256QAM	1	49	18.32	18.43	18.31		
10	256QAM	25	0	18.33	18.41	18.42	19	5
10	256QAM	25	12	18.29	18.39	18.38		
10	256QAM	25	25	18.37	18.43	18.32		
10	256QAM	50	0	18.28	18.48	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.48	23.51	23.42	24	0
5	QPSK	1	12	23.43	23.46	23.34		
5	QPSK	1	24	23.39	23.40	23.39		
5	QPSK	12	0	22.42	22.46	22.41	23	1
5	QPSK	12	7	22.45	22.40	22.36		
5	QPSK	12	13	22.40	22.41	22.35		
5	QPSK	25	0	22.38	22.40	22.37		
5	16QAM	1	0	22.41	22.39	22.33	23	1
5	16QAM	1	12	22.41	22.46	22.38		
5	16QAM	1	24	22.37	22.41	22.33		
5	16QAM	12	0	21.39	21.44	21.38	22	2
5	16QAM	12	7	21.37	21.48	21.40		
5	16QAM	12	13	21.42	21.47	21.36		
5	16QAM	25	0	21.34	21.38	21.33		
5	64QAM	1	0	21.29	21.33	21.32	22	2
5	64QAM	1	12	21.41	21.45	21.37		
5	64QAM	1	24	21.43	21.44	21.27		
5	64QAM	12	0	20.33	20.41	20.36	21	3
5	64QAM	12	7	20.31	20.36	20.31		
5	64QAM	12	13	20.41	20.28	20.37		
5	64QAM	25	0	20.32	20.42	20.35		
5	256QAM	1	0	18.35	18.34	18.32	19	5
5	256QAM	1	12	18.40	18.38	18.33		
5	256QAM	1	24	18.34	18.37	18.37		
5	256QAM	12	0	18.36	18.46	18.35	19	5
5	256QAM	12	7	18.25	18.36	18.28		
5	256QAM	12	13	18.25	18.41	18.33		
5	256QAM	25	0	18.34	18.41	18.27		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.49	23.49	23.41	24	0
3	QPSK	1	8	23.41	23.47	23.36		
3	QPSK	1	14	23.39	23.43	23.40		
3	QPSK	8	0	22.46	22.42	22.37	23	1
3	QPSK	8	4	22.42	22.44	22.38		
3	QPSK	8	7	22.44	22.38	22.34		
3	QPSK	15	0	22.40	22.44	22.33		
3	16QAM	1	0	22.37	22.40	22.33	23	1
3	16QAM	1	8	22.38	22.44	22.38		
3	16QAM	1	14	22.40	22.40	22.32		
3	16QAM	8	0	21.39	21.43	21.37	22	2
3	16QAM	8	4	21.43	21.41	21.43		
3	16QAM	8	7	21.41	21.38	21.33		
3	16QAM	15	0	21.39	21.37	21.36		
3	64QAM	1	0	21.38	21.42	21.27	22	2
3	64QAM	1	8	21.40	21.34	21.29		
3	64QAM	1	14	21.34	21.33	21.31		
3	64QAM	8	0	20.40	20.43	20.31	21	3
3	64QAM	8	4	20.31	20.37	20.35		
3	64QAM	8	7	20.40	20.40	20.34		
3	64QAM	15	0	20.42	20.46	20.28		
3	256QAM	1	0	18.41	18.39	18.37	19	5
3	256QAM	1	8	18.33	18.45	18.30		
3	256QAM	1	14	18.33	18.39	18.38		
3	256QAM	8	0	18.32	18.37	18.36	19	5
3	256QAM	8	4	18.35	18.33	18.33		
3	256QAM	8	7	18.26	18.39	18.23		
3	256QAM	15	0	18.29	18.46	18.36		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.44	23.52	23.45	24	0
1.4	QPSK	1	3	23.45	23.47	23.34		
1.4	QPSK	1	5	23.43	23.41	23.41		
1.4	QPSK	3	0	23.50	23.50	23.41		
1.4	QPSK	3	1	23.42	23.50	23.37		
1.4	QPSK	3	3	23.40	23.40	23.36		
1.4	QPSK	6	0	22.43	22.44	22.41	23	1
1.4	16QAM	1	0	22.43	22.44	22.39	23	1
1.4	16QAM	1	3	22.38	22.42	22.30		
1.4	16QAM	1	5	22.34	22.42	22.36		
1.4	16QAM	3	0	22.40	22.43	22.34		
1.4	16QAM	3	1	22.39	22.46	22.34		
1.4	16QAM	3	3	22.41	22.38	22.37		
1.4	16QAM	6	0	21.42	21.44	21.42	22	2
1.4	64QAM	1	0	21.38	21.40	21.41	22	2
1.4	64QAM	1	3	21.39	21.34	21.30		
1.4	64QAM	1	5	21.31	21.33	21.42		
1.4	64QAM	3	0	21.36	21.37	21.32		
1.4	64QAM	3	1	21.44	21.43	21.30		
1.4	64QAM	3	3	21.34	21.46	21.32		
1.4	64QAM	6	0	20.38	20.48	20.37	21	3
1.4	256QAM	1	0	18.35	18.45	18.30	19	5
1.4	256QAM	1	3	18.29	18.47	18.30		
1.4	256QAM	1	5	18.35	18.41	18.28		
1.4	256QAM	3	0	18.37	18.47	18.33		
1.4	256QAM	3	1	18.32	18.35	18.26		
1.4	256QAM	3	3	18.26	18.45	18.23		
1.4	256QAM	6	0	18.40	18.45	18.39	19	5

Band 30_Ant 0(DSI 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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.11		24	0
10	QPSK	1	25		23.05			
10	QPSK	1	49		23.08			
10	QPSK	25	0		21.98		23	1
10	QPSK	25	12		21.92			
10	QPSK	25	25		21.95			
10	QPSK	50	0		21.95			
10	16QAM	1	0		21.93		23	1
10	16QAM	1	25		21.92			
10	16QAM	1	49		21.90			
10	16QAM	25	0		20.98		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.91			
10	64QAM	1	0		20.93		22	2
10	64QAM	1	25		20.90			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.01		21	3
10	64QAM	25	12		19.98			
10	64QAM	25	25		19.95			
10	64QAM	50	0		20.00			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		18.01			
10	256QAM	1	49		17.95			
10	256QAM	25	0		18.03		19	5
10	256QAM	25	12		17.93			
10	256QAM	25	25		18.02			
10	256QAM	50	0		18.01			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.10	23.04	23.05	24	0
5	QPSK	1	12	22.99	23.02	23.04		
5	QPSK	1	24	23.04	23.04	23.01		
5	QPSK	12	0	21.91	21.91	21.93	23	1
5	QPSK	12	7	21.86	21.91	21.89		
5	QPSK	12	13	21.88	21.89	21.93		
5	QPSK	25	0	21.93	21.94	21.94		
5	16QAM	1	0	21.89	21.92	21.90	23	1
5	16QAM	1	12	21.87	21.89	21.91		
5	16QAM	1	24	21.87	21.85	21.88		
5	16QAM	12	0	20.93	20.91	20.90	22	2
5	16QAM	12	7	20.89	20.88	20.89		
5	16QAM	12	13	20.89	20.88	20.84		
5	16QAM	25	0	20.86	20.80	20.77		
5	64QAM	1	0	20.78	20.90	20.83	22	2
5	64QAM	1	12	20.87	20.83	20.89		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.94	19.86	19.87	21	3
5	64QAM	12	7	19.83	19.92	19.91		
5	64QAM	12	13	19.93	19.92	19.85		
5	64QAM	25	0	19.87	19.99	19.86		
5	256QAM	1	0	17.97	17.87	17.97	19	5
5	256QAM	1	12	17.94	17.92	17.90		
5	256QAM	1	24	17.82	17.90	17.92		
5	256QAM	12	0	17.93	17.95	17.91	19	5
5	256QAM	12	7	17.87	17.82	17.82		
5	256QAM	12	13	17.98	17.96	17.96		
5	256QAM	25	0	17.91	17.93	17.94		

Band 30_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.35		23.5	0
10	QPSK	1	25		22.33			
10	QPSK	1	49		22.30			
10	QPSK	25	0		21.63		22.5	1
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.60			
10	QPSK	50	0		21.61			
10	16QAM	1	0		21.57		22.5	1
10	16QAM	1	25		21.55			
10	16QAM	1	49		21.54			
10	16QAM	25	0		20.58		21.5	2
10	16QAM	25	12		20.52			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.55			
10	64QAM	1	0		20.56		21.5	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.57			
10	64QAM	25	0		19.62		20.5	3
10	64QAM	25	12		19.58			
10	64QAM	25	25		19.60			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.55		18.5	5
10	256QAM	1	25		17.58			
10	256QAM	1	49		17.53			
10	256QAM	25	0		17.58		18.5	5
10	256QAM	25	12		17.52			
10	256QAM	25	25		17.56			
10	256QAM	50	0		17.54			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.29	22.33	22.30	23.5	0
5	QPSK	1	12	22.29	22.32	22.29		
5	QPSK	1	24	22.28	22.25	22.29		
5	QPSK	12	0	21.59	21.62	21.56	22.5	1
5	QPSK	12	7	21.55	21.57	21.53		
5	QPSK	12	13	21.59	21.54	21.53		
5	QPSK	25	0	21.55	21.54	21.57		
5	16QAM	1	0	21.55	21.54	21.52	22.5	1
5	16QAM	1	12	21.52	21.49	21.52		
5	16QAM	1	24	21.53	21.48	21.53		
5	16QAM	12	0	20.52	20.54	20.53	21.5	2
5	16QAM	12	7	20.47	20.51	20.48		
5	16QAM	12	13	20.52	20.55	20.54		
5	16QAM	25	0	20.46	20.44	20.45		
5	64QAM	1	0	20.50	20.46	20.43	21.5	2
5	64QAM	1	12	20.42	20.40	20.40		
5	64QAM	1	24	20.55	20.49	20.47		
5	64QAM	12	0	19.57	19.53	19.54	20.5	3
5	64QAM	12	7	19.48	19.55	19.53		
5	64QAM	12	13	19.59	19.54	19.56		
5	64QAM	25	0	19.57	19.49	19.56		
5	256QAM	1	0	17.51	17.46	17.49	18.5	5
5	256QAM	1	12	17.53	17.51	17.45		
5	256QAM	1	24	17.41	17.45	17.49		
5	256QAM	12	0	17.43	17.57	17.56	18.5	5
5	256QAM	12	7	17.47	17.45	17.37		
5	256QAM	12	13	17.43	17.42	17.52		
5	256QAM	25	0	17.50	17.52	17.53		

Band 66_Ant 0(DSI 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	21.90	21.97	21.96	22.5	0
20	QPSK	1	49	21.75	21.87	21.72		
20	QPSK	1	99	21.60	21.68	21.64		
20	QPSK	50	0	20.93	20.96	20.90	21.5	1
20	QPSK	50	24	20.82	20.91	20.86		
20	QPSK	50	50	20.77	20.88	20.80		
20	QPSK	100	0	20.82	20.91	20.79		
20	16QAM	1	0	21.24	21.26	21.18	21.5	1
20	16QAM	1	49	21.13	21.25	21.20		
20	16QAM	1	99	20.97	21.04	21.01		
20	16QAM	50	0	19.59	19.60	19.45	20.5	2
20	16QAM	50	24	19.94	19.98	19.86		
20	16QAM	50	50	19.86	19.88	19.80		
20	16QAM	100	0	19.89	19.92	19.83		
20	64QAM	1	0	21.01	21.08	21.07	21.5	1
20	64QAM	1	49	20.91	21.00	20.95		
20	64QAM	1	99	20.87	20.95	20.86		
20	64QAM	50	0	19.86	19.91	19.77	20.5	2
20	64QAM	50	24	19.90	20.00	19.95		
20	64QAM	50	50	19.74	19.88	19.85		
20	64QAM	100	0	19.85	19.95	19.87		
20	256QAM	1	0	16.57	16.63	16.52	17.5	5
20	256QAM	1	49	16.43	16.55	16.53		
20	256QAM	1	99	16.55	16.56	16.49		
20	256QAM	50	0	16.53	16.54	16.41	17.5	5
20	256QAM	50	24	16.48	16.50	16.40		
20	256QAM	50	50	16.57	16.62	16.49		
20	256QAM	100	0	16.54	16.60	16.56		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.80	21.93	21.92	22.5	0
15	QPSK	1	37	21.60	21.80	21.63		
15	QPSK	1	74	21.55	21.61	21.49		
15	QPSK	36	0	20.74	20.82	20.74	21.5	1
15	QPSK	36	20	20.89	20.92	20.76		
15	QPSK	36	39	20.71	20.85	20.79		
15	QPSK	75	0	20.75	20.88	20.67		
15	16QAM	1	0	21.10	21.20	21.14	21.5	1
15	16QAM	1	37	21.08	21.14	21.11		
15	16QAM	1	74	20.92	20.94	20.90		
15	16QAM	36	0	19.56	19.48	19.43	20.5	2
15	16QAM	36	20	19.92	19.88	19.83		
15	16QAM	36	39	19.72	19.76	19.74		
15	16QAM	75	0	19.88	19.89	19.71		
15	64QAM	1	0	21.00	20.94	20.95	21.5	1
15	64QAM	1	37	20.76	20.86	20.87		
15	64QAM	1	74	20.86	20.80	20.79		
15	64QAM	36	0	19.80	19.83	19.63	20.5	2
15	64QAM	36	20	19.89	19.87	19.85		
15	64QAM	36	39	19.65	19.86	19.71		
15	64QAM	75	0	19.75	19.90	19.74		
15	256QAM	1	0	16.47	16.60	16.46	17.5	5
15	256QAM	1	37	16.40	16.44	16.45		
15	256QAM	1	74	16.51	16.55	16.46		
15	256QAM	36	0	16.39	16.47	16.33	17.5	5
15	256QAM	36	20	16.43	16.40	16.29		
15	256QAM	36	39	16.49	16.60	16.47		
15	256QAM	75	0	16.48	16.53	16.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.79	21.84	21.88	22.5	0
10	QPSK	1	25	21.66	21.75	21.63		
10	QPSK	1	49	21.59	21.57	21.53		
10	QPSK	25	0	20.79	20.87	20.80	21.5	1
10	QPSK	25	12	20.82	20.84	20.85		
10	QPSK	25	25	20.62	20.79	20.74		
10	QPSK	50	0	20.80	20.76	20.71		
10	16QAM	1	0	21.15	21.22	21.17	21.5	1
10	16QAM	1	25	21.12	21.19	21.05		
10	16QAM	1	49	20.92	20.91	20.90		
10	16QAM	25	0	19.46	19.55	19.44	20.5	2
10	16QAM	25	12	19.80	19.87	19.71		
10	16QAM	25	25	19.78	19.76	19.73		
10	16QAM	50	0	19.74	19.83	19.70		
10	64QAM	1	0	20.87	21.06	21.04	21.5	1
10	64QAM	1	25	20.87	20.94	20.89		
10	64QAM	1	49	20.85	20.86	20.73		
10	64QAM	25	0	19.72	19.77	19.63	20.5	2
10	64QAM	25	12	19.86	19.98	19.81		
10	64QAM	25	25	19.60	19.80	19.84		
10	64QAM	50	0	19.79	19.80	19.75		
10	256QAM	1	0	16.48	16.62	16.37	17.5	5
10	256QAM	1	25	16.39	16.44	16.44		
10	256QAM	1	49	16.51	16.48	16.34		
10	256QAM	25	0	16.42	16.42	16.27	17.5	5
10	256QAM	25	12	16.37	16.48	16.34		
10	256QAM	25	25	16.54	16.47	16.38		
10	256QAM	50	0	16.51	16.53	16.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.82	21.90	21.85	22.5	0
5	QPSK	1	12	21.69	21.72	21.57		
5	QPSK	1	24	21.50	21.57	21.62		
5	QPSK	12	0	20.75	20.85	20.79	21.5	1
5	QPSK	12	7	20.90	20.86	20.84		
5	QPSK	12	13	20.64	20.84	20.71		
5	QPSK	25	0	20.79	20.79	20.71		
5	16QAM	1	0	21.13	21.18	21.04	21.5	1
5	16QAM	1	12	21.05	21.13	21.19		
5	16QAM	1	24	20.96	21.01	20.86		
5	16QAM	12	0	19.55	19.57	19.30	20.5	2
5	16QAM	12	7	19.85	19.92	19.79		
5	16QAM	12	13	19.81	19.86	19.70		
5	16QAM	25	0	19.87	19.83	19.69		
5	64QAM	1	0	20.88	20.98	20.95	21.5	1
5	64QAM	1	12	20.85	20.99	20.86		
5	64QAM	1	24	20.78	20.80	20.79		
5	64QAM	12	0	19.85	19.85	19.73	20.5	2
5	64QAM	12	7	19.82	19.88	19.90		
5	64QAM	12	13	19.72	19.87	19.80		
5	64QAM	25	0	19.81	19.89	19.81		
5	256QAM	1	0	16.48	16.58	16.51	17.5	5
5	256QAM	1	12	16.41	16.53	16.50		
5	256QAM	1	24	16.49	16.52	16.36		
5	256QAM	12	0	16.38	16.52	16.39	17.5	5
5	256QAM	12	7	16.47	16.44	16.33		
5	256QAM	12	13	16.47	16.61	16.45		
5	256QAM	25	0	16.51	16.50	16.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.83	21.90	21.87	22.5	0
3	QPSK	1	8	21.68	21.77	21.67		
3	QPSK	1	14	21.58	21.60	21.52		
3	QPSK	8	0	20.78	20.89	20.85	21.5	1
3	QPSK	8	4	20.81	20.90	20.82		
3	QPSK	8	7	20.69	20.74	20.79		
3	QPSK	15	0	20.72	20.81	20.64		
3	16QAM	1	0	21.21	21.18	21.17	21.5	1
3	16QAM	1	8	21.04	21.10	21.09		
3	16QAM	1	14	20.96	21.03	20.89		
3	16QAM	8	0	19.48	19.52	19.36	20.5	2
3	16QAM	8	4	19.84	19.89	19.75		
3	16QAM	8	7	19.77	19.74	19.72		
3	16QAM	15	0	19.82	19.88	19.79		
3	64QAM	1	0	20.97	21.04	20.96	21.5	1
3	64QAM	1	8	20.84	20.95	20.82		
3	64QAM	1	14	20.84	20.86	20.72		
3	64QAM	8	0	19.76	19.85	19.63	20.5	2
3	64QAM	8	4	19.84	19.91	19.94		
3	64QAM	8	7	19.70	19.86	19.84		
3	64QAM	15	0	19.80	19.90	19.84		
3	256QAM	1	0	16.54	16.62	16.45	17.5	5
3	256QAM	1	8	16.31	16.42	16.44		
3	256QAM	1	14	16.47	16.42	16.38		
3	256QAM	8	0	16.45	16.41	16.33	17.5	5
3	256QAM	8	4	16.44	16.38	16.30		
3	256QAM	8	7	16.46	16.54	16.35		
3	256QAM	15	0	16.44	16.57	16.45		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.81	21.91	21.83	22.5	0
1.4	QPSK	1	3	21.64	21.74	21.60		
1.4	QPSK	1	5	21.45	21.67	21.53		
1.4	QPSK	3	0	21.80	21.82	21.70		
1.4	QPSK	3	1	21.53	21.73	21.48		
1.4	QPSK	3	3	21.41	21.60	21.40		
1.4	QPSK	6	0	20.78	20.83	20.77	21.5	1
1.4	16QAM	1	0	21.23	21.18	21.09	21.5	1
1.4	16QAM	1	3	21.04	21.12	21.05		
1.4	16QAM	1	5	20.90	21.00	20.98		
1.4	16QAM	3	0	21.12	21.08	21.04		
1.4	16QAM	3	1	21.02	21.04	20.94		
1.4	16QAM	3	3	20.83	20.87	20.90		
1.4	16QAM	6	0	19.81	19.81	19.70	20.5	2
1.4	64QAM	1	0	20.92	21.03	20.99	21.5	1
1.4	64QAM	1	3	20.80	20.98	20.81		
1.4	64QAM	1	5	20.74	20.82	20.71		
1.4	64QAM	3	0	20.88	21.01	20.88		
1.4	64QAM	3	1	20.74	20.85	20.66		
1.4	64QAM	3	3	20.64	20.81	20.56		
1.4	64QAM	6	0	19.74	19.82	19.79	20.5	2
1.4	256QAM	1	0	16.56	16.50	16.42	17.5	5
1.4	256QAM	1	3	16.39	16.47	16.41		
1.4	256QAM	1	5	16.51	16.47	16.40		
1.4	256QAM	3	0	16.39	16.46	16.32		
1.4	256QAM	3	1	16.39	16.45	16.30		
1.4	256QAM	3	3	16.42	16.60	16.48		
1.4	256QAM	6	0	16.42	16.51	16.42	17.5	5

Band 66_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.95	21.98	21.93	23	0
20	QPSK	1	49	21.88	21.94	21.92		
20	QPSK	1	99	21.92	21.96	21.86		
20	QPSK	50	0	21.32	21.35	21.31	22	1
20	QPSK	50	24	21.30	21.32	21.26		
20	QPSK	50	50	21.30	21.31	21.29		
20	QPSK	100	0	21.31	21.33	21.30		
20	16QAM	1	0	21.31	21.31	21.28	22	1
20	16QAM	1	49	21.28	21.33	21.29		
20	16QAM	1	99	21.30	21.30	21.27		
20	16QAM	50	0	20.32	20.34	20.30	21	2
20	16QAM	50	24	20.25	20.30	20.26		
20	16QAM	50	50	20.26	20.29	20.27		
20	16QAM	100	0	20.27	20.28	20.26		
20	64QAM	1	0	20.27	20.30	20.28	21	2
20	64QAM	1	49	20.28	20.27	20.29		
20	64QAM	1	99	20.27	20.28	20.29		
20	64QAM	50	0	19.31	19.33	19.30	20	3
20	64QAM	50	24	19.28	19.31	19.24		
20	64QAM	50	50	19.25	19.28	19.28		
20	64QAM	100	0	19.25	19.30	19.29		
20	256QAM	1	0	17.27	17.32	17.29	18	5
20	256QAM	1	49	17.29	17.33	17.24		
20	256QAM	1	99	17.32	17.31	17.28		
20	256QAM	50	0	17.33	17.36	17.31	18	5
20	256QAM	50	24	17.26	17.32	17.26		
20	256QAM	50	50	17.32	17.35	17.24		
20	256QAM	100	0	17.27	17.31	17.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.93	21.95	21.88	23	0
15	QPSK	1	37	21.84	21.87	21.90		
15	QPSK	1	74	21.91	21.92	21.79		
15	QPSK	36	0	21.30	21.33	21.30	22	1
15	QPSK	36	20	21.27	21.28	21.23		
15	QPSK	36	39	21.26	21.28	21.22		
15	QPSK	75	0	21.24	21.27	21.28		
15	16QAM	1	0	21.28	21.26	21.23	22	1
15	16QAM	1	37	21.24	21.32	21.24		
15	16QAM	1	74	21.23	21.23	21.19		
15	16QAM	36	0	20.25	20.25	20.26	21	2
15	16QAM	36	20	20.17	20.23	20.24		
15	16QAM	36	39	20.16	20.28	20.26		
15	16QAM	75	0	20.18	20.21	20.15		
15	64QAM	1	0	20.26	20.25	20.16	21	2
15	64QAM	1	37	20.19	20.21	20.20		
15	64QAM	1	74	20.17	20.18	20.17		
15	64QAM	36	0	19.19	19.31	19.20	20	3
15	64QAM	36	20	19.20	19.21	19.16		
15	64QAM	36	39	19.14	19.22	19.13		
15	64QAM	75	0	19.21	19.27	19.25		
15	256QAM	1	0	17.21	17.19	17.23	18	5
15	256QAM	1	37	17.23	17.31	17.14		
15	256QAM	1	74	17.30	17.21	17.20		
15	256QAM	36	0	17.23	17.28	17.19	18	5
15	256QAM	36	20	17.23	17.20	17.20		
15	256QAM	36	39	17.17	17.28	17.12		
15	256QAM	75	0	17.17	17.28	17.21		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.88	21.97	21.87	23	0
10	QPSK	1	25	21.81	21.87	21.85		
10	QPSK	1	49	21.87	21.89	21.81		
10	QPSK	25	0	21.30	21.31	21.25	22	1
10	QPSK	25	12	21.23	21.27	21.25		
10	QPSK	25	25	21.26	21.24	21.22		
10	QPSK	50	0	21.30	21.27	21.28		
10	16QAM	1	0	21.27	21.28	21.24	22	1
10	16QAM	1	25	21.27	21.28	21.22		
10	16QAM	1	49	21.29	21.21	21.23		
10	16QAM	25	0	20.25	20.26	20.28	21	2
10	16QAM	25	12	20.18	20.22	20.24		
10	16QAM	25	25	20.11	20.27	20.20		
10	16QAM	50	0	20.19	20.26	20.20		
10	64QAM	1	0	20.19	20.18	20.26	21	2
10	64QAM	1	25	20.17	20.21	20.21		
10	64QAM	1	49	20.13	20.23	20.15		
10	64QAM	25	0	19.27	19.22	19.18	20	3
10	64QAM	25	12	19.21	19.20	19.19		
10	64QAM	25	25	19.20	19.16	19.15		
10	64QAM	50	0	19.11	19.24	19.18		
10	256QAM	1	0	17.19	17.28	17.28	18	5
10	256QAM	1	25	17.14	17.32	17.21		
10	256QAM	1	49	17.20	17.30	17.24		
10	256QAM	25	0	17.30	17.26	17.24	18	5
10	256QAM	25	12	17.11	17.19	17.23		
10	256QAM	25	25	17.19	17.24	17.21		
10	256QAM	50	0	17.18	17.23	17.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.88	21.92	21.91	23	0
5	QPSK	1	12	21.82	21.88	21.89		
5	QPSK	1	24	21.91	21.94	21.85		
5	QPSK	12	0	21.29	21.34	21.29	22	1
5	QPSK	12	7	21.29	21.28	21.24		
5	QPSK	12	13	21.28	21.29	21.24		
5	QPSK	25	0	21.29	21.31	21.26		
5	16QAM	1	0	21.24	21.24	21.26	22	1
5	16QAM	1	12	21.27	21.29	21.22		
5	16QAM	1	24	21.23	21.29	21.23		
5	16QAM	12	0	20.28	20.30	20.25	21	2
5	16QAM	12	7	20.24	20.21	20.24		
5	16QAM	12	13	20.24	20.16	20.12		
5	16QAM	25	0	20.12	20.14	20.20		
5	64QAM	1	0	20.25	20.23	20.15	21	2
5	64QAM	1	12	20.13	20.14	20.24		
5	64QAM	1	24	20.20	20.16	20.19		
5	64QAM	12	0	19.25	19.25	19.21	20	3
5	64QAM	12	7	19.19	19.26	19.19		
5	64QAM	12	13	19.14	19.16	19.19		
5	64QAM	25	0	19.22	19.27	19.20		
5	256QAM	1	0	17.14	17.31	17.20	18	5
5	256QAM	1	12	17.14	17.30	17.12		
5	256QAM	1	24	17.22	17.22	17.24		
5	256QAM	12	0	17.22	17.27	17.16	18	5
5	256QAM	12	7	17.12	17.30	17.22		
5	256QAM	12	13	17.25	17.29	17.18		
5	256QAM	25	0	17.23	17.24	17.25		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.92	21.95	21.87	23	0
3	QPSK	1	8	21.85	21.89	21.87		
3	QPSK	1	14	21.89	21.92	21.85		
3	QPSK	8	0	21.26	21.30	21.29	22	1
3	QPSK	8	4	21.28	21.28	21.23		
3	QPSK	8	7	21.23	21.27	21.24		
3	QPSK	15	0	21.27	21.31	21.26		
3	16QAM	1	0	21.24	21.25	21.25	22	1
3	16QAM	1	8	21.23	21.30	21.23		
3	16QAM	1	14	21.27	21.26	21.20		
3	16QAM	8	0	20.24	20.30	20.29	21	2
3	16QAM	8	4	20.22	20.25	20.17		
3	16QAM	8	7	20.20	20.19	20.13		
3	16QAM	15	0	20.19	20.25	20.16		
3	64QAM	1	0	20.20	20.26	20.14	21	2
3	64QAM	1	8	20.26	20.19	20.25		
3	64QAM	1	14	20.12	20.22	20.28		
3	64QAM	8	0	19.30	19.23	19.21	20	3
3	64QAM	8	4	19.15	19.18	19.09		
3	64QAM	8	7	19.19	19.27	19.17		
3	64QAM	15	0	19.20	19.25	19.24		
3	256QAM	1	0	17.13	17.22	17.25	18	5
3	256QAM	1	8	17.27	17.21	17.17		
3	256QAM	1	14	17.23	17.30	17.16		
3	256QAM	8	0	17.29	17.25	17.18	18	5
3	256QAM	8	4	17.12	17.21	17.13		
3	256QAM	8	7	17.22	17.34	17.09		
3	256QAM	15	0	17.21	17.27	17.20		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.89	21.93	21.87	23	0
1.4	QPSK	1	3	21.84	21.90	21.85		
1.4	QPSK	1	5	21.88	21.93	21.84		
1.4	QPSK	3	0	21.94	21.94	21.90		
1.4	QPSK	3	1	21.81	21.87	21.86		
1.4	QPSK	3	3	21.89	21.91	21.79		
1.4	QPSK	6	0	21.31	21.32	21.28	22	1
1.4	16QAM	1	0	21.26	21.29	21.19	22	1
1.4	16QAM	1	3	21.25	21.30	21.23		
1.4	16QAM	1	5	21.26	21.30	21.27		
1.4	16QAM	3	0	21.25	21.28	21.25		
1.4	16QAM	3	1	21.22	21.28	21.28		
1.4	16QAM	3	3	21.24	21.26	21.25		
1.4	16QAM	6	0	20.31	20.31	20.21	21	2
1.4	64QAM	1	0	20.24	20.22	20.18	21	2
1.4	64QAM	1	3	20.18	20.28	20.23		
1.4	64QAM	1	5	20.17	20.15	20.20		
1.4	64QAM	3	0	20.21	20.17	20.23		
1.4	64QAM	3	1	20.16	20.23	20.19		
1.4	64QAM	3	3	20.16	20.13	20.20		
1.4	64QAM	6	0	19.29	19.28	19.18	20	3
1.4	256QAM	1	0	17.23	17.27	17.15	18	5
1.4	256QAM	1	3	17.20	17.30	17.23		
1.4	256QAM	1	5	17.18	17.21	17.25		
1.4	256QAM	3	0	17.28	17.30	17.27		
1.4	256QAM	3	1	17.11	17.22	17.16		
1.4	256QAM	3	3	17.29	17.25	17.13		
1.4	256QAM	6	0	17.19	17.25	17.25	18	5

Band 71_Ant 0(DSI 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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.55	23.58	23.53	24	0
20	QPSK	1	49	23.48	23.53	23.47		
20	QPSK	1	99	23.51	23.51	23.51		
20	QPSK	50	0	22.58	22.60	22.52	23	1
20	QPSK	50	24	22.53	22.58	22.49		
20	QPSK	50	50	22.53	22.56	22.47		
20	QPSK	100	0	22.52	22.54	22.48		
20	16QAM	1	0	22.55	22.58	22.47	23	1
20	16QAM	1	49	22.54	22.58	22.46		
20	16QAM	1	99	22.57	22.59	22.51		
20	16QAM	50	0	21.58	21.61	21.55	22	2
20	16QAM	50	24	21.51	21.58	21.51		
20	16QAM	50	50	21.52	21.54	21.48		
20	16QAM	100	0	21.57	21.59	21.50		
20	64QAM	1	0	21.54	21.58	21.49	22	2
20	64QAM	1	49	21.53	21.54	21.50		
20	64QAM	1	99	21.57	21.54	21.49		
20	64QAM	50	0	20.56	20.59	20.53	21	3
20	64QAM	50	24	20.52	20.57	20.50		
20	64QAM	50	50	20.55	20.53	20.47		
20	64QAM	100	0	20.51	20.54	20.50		
20	256QAM	1	0	18.58	18.55	18.52	19	5
20	256QAM	1	49	18.56	18.59	18.55		
20	256QAM	1	99	18.53	18.60	18.52		
20	256QAM	50	0	18.60	18.62	18.58	19	5
20	256QAM	50	24	18.56	18.61	18.56		
20	256QAM	50	50	18.59	18.56	18.56		
20	256QAM	100	0	18.58	18.57	18.52		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.48	23.54	23.50	24	0
15	QPSK	1	37	23.41	23.48	23.46		
15	QPSK	1	74	23.47	23.48	23.47		
15	QPSK	36	0	22.55	22.55	22.51	23	1
15	QPSK	36	20	22.47	22.55	22.44		
15	QPSK	36	39	22.48	22.49	22.43		
15	QPSK	75	0	22.49	22.50	22.41		
15	16QAM	1	0	22.48	22.51	22.41	23	1
15	16QAM	1	37	22.52	22.52	22.39		
15	16QAM	1	74	22.54	22.54	22.49		
15	16QAM	36	0	21.53	21.52	21.50	22	2
15	16QAM	36	20	21.48	21.57	21.42		
15	16QAM	36	39	21.44	21.53	21.47		
15	16QAM	75	0	21.44	21.50	21.41		
15	64QAM	1	0	21.39	21.56	21.44	22	2
15	64QAM	1	37	21.48	21.52	21.44		
15	64QAM	1	74	21.46	21.52	21.37		
15	64QAM	36	0	20.47	20.57	20.42	21	3
15	64QAM	36	20	20.48	20.42	20.41		
15	64QAM	36	39	20.42	20.46	20.32		
15	64QAM	75	0	20.47	20.52	20.35		
15	256QAM	1	0	18.51	18.53	18.37	19	5
15	256QAM	1	37	18.44	18.53	18.41		
15	256QAM	1	74	18.52	18.46	18.43		
15	256QAM	36	0	18.56	18.56	18.57	19	5
15	256QAM	36	20	18.55	18.57	18.49		
15	256QAM	36	39	18.49	18.54	18.45		
15	256QAM	75	0	18.51	18.48	18.48		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.48	23.55	23.46	24	0
10	QPSK	1	25	23.45	23.48	23.40		
10	QPSK	1	49	23.50	23.46	23.50		
10	QPSK	25	0	22.52	22.57	22.51	23	1
10	QPSK	25	12	22.48	22.55	22.45		
10	QPSK	25	25	22.48	22.55	22.40		
10	QPSK	50	0	22.50	22.51	22.44		
10	16QAM	1	0	22.51	22.53	22.43	23	1
10	16QAM	1	25	22.47	22.53	22.40		
10	16QAM	1	49	22.50	22.51	22.44		
10	16QAM	25	0	21.51	21.57	21.46	22	2
10	16QAM	25	12	21.44	21.51	21.45		
10	16QAM	25	25	21.50	21.47	21.35		
10	16QAM	50	0	21.53	21.52	21.42		
10	64QAM	1	0	21.46	21.50	21.38	22	2
10	64QAM	1	25	21.50	21.42	21.45		
10	64QAM	1	49	21.48	21.53	21.46		
10	64QAM	25	0	20.50	20.46	20.38	21	3
10	64QAM	25	12	20.40	20.42	20.49		
10	64QAM	25	25	20.46	20.43	20.44		
10	64QAM	50	0	20.42	20.41	20.40		
10	256QAM	1	0	18.54	18.51	18.41	19	5
10	256QAM	1	25	18.50	18.57	18.49		
10	256QAM	1	49	18.46	18.50	18.45		
10	256QAM	25	0	18.55	18.59	18.53	19	5
10	256QAM	25	12	18.53	18.55	18.45		
10	256QAM	25	25	18.54	18.43	18.45		
10	256QAM	50	0	18.57	18.47	18.38		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.52	23.53	23.47	24	0
5	QPSK	1	12	23.41	23.52	23.46		
5	QPSK	1	24	23.50	23.45	23.47		
5	QPSK	12	0	22.54	22.56	22.50	23	1
5	QPSK	12	7	22.46	22.57	22.42		
5	QPSK	12	13	22.47	22.52	22.41		
5	QPSK	25	0	22.47	22.53	22.41		
5	16QAM	1	0	22.50	22.53	22.46	23	1
5	16QAM	1	12	22.50	22.55	22.44		
5	16QAM	1	24	22.53	22.58	22.48		
5	16QAM	12	0	21.53	21.54	21.54	22	2
5	16QAM	12	7	21.48	21.51	21.46		
5	16QAM	12	13	21.38	21.39	21.38		
5	16QAM	25	0	21.51	21.58	21.48		
5	64QAM	1	0	21.51	21.44	21.37	22	2
5	64QAM	1	12	21.52	21.45	21.46		
5	64QAM	1	24	21.48	21.53	21.34		
5	64QAM	12	0	20.54	20.56	20.49	21	3
5	64QAM	12	7	20.44	20.43	20.43		
5	64QAM	12	13	20.54	20.47	20.32		
5	64QAM	25	0	20.40	20.44	20.49		
5	256QAM	1	0	18.47	18.54	18.49	19	5
5	256QAM	1	12	18.49	18.52	18.43		
5	256QAM	1	24	18.51	18.58	18.50		
5	256QAM	12	0	18.47	18.61	18.52	19	5
5	256QAM	12	7	18.44	18.56	18.44		
5	256QAM	12	13	18.56	18.43	18.47		
5	256QAM	25	0	18.44	18.44	18.38		

Band 38_Ant 0(DSI 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	23.11	23.15	22.93	24	0
20	QPSK	1	49	23.06	23.09	22.89		
20	QPSK	1	99	23.08	23.09	22.91		
20	QPSK	50	0	22.03	22.05	21.98	23	1
20	QPSK	50	24	22.01	22.02	21.95		
20	QPSK	50	50	21.96	22.00	21.96		
20	QPSK	100	0	22.00	22.03	21.93		
20	16QAM	1	0	21.94	21.98	21.97	23	1
20	16QAM	1	49	21.94	22.01	21.99		
20	16QAM	1	99	21.91	21.97	21.95		
20	16QAM	50	0	20.93	20.98	20.93	22	2
20	16QAM	50	24	20.91	20.95	20.89		
20	16QAM	50	50	20.86	20.92	20.87		
20	16QAM	100	0	20.90	20.93	20.89		
20	64QAM	1	0	20.93	20.97	20.91	22	2
20	64QAM	1	49	20.91	20.92	20.89		
20	64QAM	1	99	20.76	20.89	20.84		
20	64QAM	50	0	19.89	19.99	19.96	21	3
20	64QAM	50	24	19.77	19.92	19.84		
20	64QAM	50	50	19.76	19.89	19.86		
20	64QAM	100	0	19.93	19.95	19.84		
20	256QAM	1	0	17.96	18.00	17.89	19	5
20	256QAM	1	49	17.76	17.90	17.85		
20	256QAM	1	99	17.85	17.95	17.85		
20	256QAM	50	0	17.99	18.01	17.97	19	5
20	256QAM	50	24	17.78	17.89	17.79		
20	256QAM	50	50	17.78	17.93	17.82		
20	256QAM	100	0	17.87	17.95	17.90		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.04	23.09	22.86	24	0
15	QPSK	1	37	23.04	23.03	22.86		
15	QPSK	1	74	23.05	23.06	22.89		
15	QPSK	36	0	22.02	22.03	21.97	23	1
15	QPSK	36	20	21.97	21.97	21.93		
15	QPSK	36	39	21.92	21.93	21.89		
15	QPSK	75	0	21.94	22.00	21.87		
15	16QAM	1	0	21.88	21.94	21.96	23	1
15	16QAM	1	37	21.91	21.98	21.98		
15	16QAM	1	74	21.84	21.95	21.92		
15	16QAM	36	0	20.92	20.94	20.90	22	2
15	16QAM	36	20	20.85	20.94	20.81		
15	16QAM	36	39	20.84	20.87	20.72		
15	16QAM	75	0	20.81	20.88	20.88		
15	64QAM	1	0	20.90	20.88	20.89	22	2
15	64QAM	1	37	20.76	20.83	20.86		
15	64QAM	1	74	20.66	20.88	20.77		
15	64QAM	36	0	19.77	19.87	19.93	21	3
15	64QAM	36	20	19.76	19.84	19.83		
15	64QAM	36	39	19.64	19.77	19.83		
15	64QAM	75	0	19.90	19.94	19.83		
15	256QAM	1	0	17.81	17.95	17.76	19	5
15	256QAM	1	37	17.71	17.80	17.72		
15	256QAM	1	74	17.76	17.84	17.77		
15	256QAM	36	0	17.92	17.96	17.84	19	5
15	256QAM	36	20	17.66	17.82	17.66		
15	256QAM	36	39	17.71	17.88	17.77		
15	256QAM	75	0	17.75	17.87	17.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.07	23.11	22.91	24	0
10	QPSK	1	25	23.01	23.02	22.84		
10	QPSK	1	49	23.07	23.08	22.86		
10	QPSK	25	0	21.96	22.02	21.95	23	1
10	QPSK	25	12	21.94	21.97	21.89		
10	QPSK	25	25	21.94	21.99	21.93		
10	QPSK	50	0	21.99	22.00	21.88		
10	16QAM	1	0	21.87	21.96	21.94	23	1
10	16QAM	1	25	21.91	22.00	21.95		
10	16QAM	1	49	21.83	21.92	21.94		
10	16QAM	25	0	20.88	20.97	20.92	22	2
10	16QAM	25	12	20.90	20.86	20.81		
10	16QAM	25	25	20.79	20.91	20.85		
10	16QAM	50	0	20.88	20.82	20.80		
10	64QAM	1	0	20.80	20.90	20.90	22	2
10	64QAM	1	25	20.80	20.88	20.77		
10	64QAM	1	49	20.66	20.86	20.72		
10	64QAM	25	0	19.83	19.84	19.90	21	3
10	64QAM	25	12	19.64	19.89	19.70		
10	64QAM	25	25	19.69	19.82	19.71		
10	64QAM	50	0	19.85	19.89	19.73		
10	256QAM	1	0	17.86	17.94	17.87	19	5
10	256QAM	1	25	17.75	17.80	17.76		
10	256QAM	1	49	17.76	17.92	17.79		
10	256QAM	25	0	17.90	17.90	17.83	19	5
10	256QAM	25	12	17.72	17.78	17.74		
10	256QAM	25	25	17.74	17.92	17.71		
10	256QAM	50	0	17.79	17.88	17.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.07	23.12	22.86	24	0
5	QPSK	1	12	23.04	23.08	22.82		
5	QPSK	1	24	23.04	23.04	22.84		
5	QPSK	12	0	22.00	21.98	21.96	23	1
5	QPSK	12	7	21.94	21.98	21.93		
5	QPSK	12	13	21.94	21.95	21.92		
5	QPSK	25	0	21.95	22.00	21.92		
5	16QAM	1	0	21.88	21.93	21.95	23	1
5	16QAM	1	12	21.89	21.96	21.96		
5	16QAM	1	24	21.89	21.91	21.89		
5	16QAM	12	0	20.90	20.94	20.84	22	2
5	16QAM	12	7	20.85	20.94	20.87		
5	16QAM	12	13	20.77	20.85	20.86		
5	16QAM	25	0	20.85	20.85	20.86		
5	64QAM	1	0	20.90	20.94	20.86	22	2
5	64QAM	1	12	20.83	20.90	20.83		
5	64QAM	1	24	20.69	20.84	20.83		
5	64QAM	12	0	19.80	19.94	19.81	21	3
5	64QAM	12	7	19.76	19.83	19.73		
5	64QAM	12	13	19.71	19.88	19.81		
5	64QAM	25	0	19.79	19.86	19.81		
5	256QAM	1	0	17.89	17.88	17.87	19	5
5	256QAM	1	12	17.72	17.84	17.70		
5	256QAM	1	24	17.72	17.91	17.74		
5	256QAM	12	0	17.90	17.88	17.85	19	5
5	256QAM	12	7	17.71	17.82	17.78		
5	256QAM	12	13	17.69	17.86	17.80		
5	256QAM	25	0	17.84	17.80	17.86		

Band 38_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.11	22.13	22.10	23	0
20	QPSK	1	49	22.10	22.10	22.07		
20	QPSK	1	99	22.07	22.12	22.04		
20	QPSK	50	0	21.07	21.09	21.05	22	1
20	QPSK	50	24	21.02	21.05	21.03		
20	QPSK	50	50	21.00	21.04	21.03		
20	QPSK	100	0	21.05	21.07	21.03		
20	16QAM	1	0	21.00	21.05	21.00	22	1
20	16QAM	1	49	21.01	21.08	21.03		
20	16QAM	1	99	21.04	21.02	21.00		
20	16QAM	50	0	20.02	20.05	20.00	21	2
20	16QAM	50	24	19.96	20.01	19.94		
20	16QAM	50	50	19.97	19.98	19.97		
20	16QAM	100	0	20.00	20.01	19.94		
20	64QAM	1	0	19.95	20.04	19.93	21	2
20	64QAM	1	49	19.98	20.04	19.93		
20	64QAM	1	99	19.99	20.03	19.99		
20	64QAM	50	0	19.01	19.03	19.00	20	3
20	64QAM	50	24	18.96	18.98	18.98		
20	64QAM	50	50	18.99	19.02	18.95		
20	64QAM	100	0	18.98	19.01	18.96		
20	256QAM	1	0	17.01	17.03	16.99	18	5
20	256QAM	1	49	17.01	16.98	16.96		
20	256QAM	1	99	16.96	16.98	16.94		
20	256QAM	50	0	17.03	17.05	17.01	18	5
20	256QAM	50	24	16.97	16.99	16.96		
20	256QAM	50	50	16.97	17.02	16.95		
20	256QAM	100	0	16.98	17.02	17.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.06	22.11	22.04	23	0
15	QPSK	1	37	22.06	22.08	22.05		
15	QPSK	1	74	22.02	22.06	21.98		
15	QPSK	36	0	21.01	21.04	21.04	22	1
15	QPSK	36	20	20.98	21.02	20.98		
15	QPSK	36	39	20.94	20.99	21.02		
15	QPSK	75	0	21.02	21.05	21.01		
15	16QAM	1	0	20.96	21.04	20.96	22	1
15	16QAM	1	37	20.97	21.04	20.97		
15	16QAM	1	74	20.98	20.95	20.97		
15	16QAM	36	0	20.00	19.96	19.91	21	2
15	16QAM	36	20	19.91	19.96	19.88		
15	16QAM	36	39	19.93	19.86	19.94		
15	16QAM	75	0	19.86	19.89	19.86		
15	64QAM	1	0	19.91	19.99	19.89	21	2
15	64QAM	1	37	19.95	20.02	19.92		
15	64QAM	1	74	19.97	19.91	19.88		
15	64QAM	36	0	18.91	19.01	18.99	20	3
15	64QAM	36	20	18.91	18.96	18.89		
15	64QAM	36	39	18.94	18.94	18.82		
15	64QAM	75	0	18.90	18.88	18.82		
15	256QAM	1	0	16.88	16.97	16.97	18	5
15	256QAM	1	37	16.87	16.85	16.95		
15	256QAM	1	74	16.84	16.85	16.91		
15	256QAM	36	0	16.97	17.02	16.97	18	5
15	256QAM	36	20	16.91	16.89	16.88		
15	256QAM	36	39	16.88	16.89	16.87		
15	256QAM	75	0	16.97	16.88	16.96		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.06	22.06	22.05	23	0
10	QPSK	1	25	22.05	22.07	22.01		
10	QPSK	1	49	22.02	22.06	21.98		
10	QPSK	25	0	21.01	21.07	20.98	22	1
10	QPSK	25	12	21.01	20.98	20.97		
10	QPSK	25	25	20.99	20.97	21.00		
10	QPSK	50	0	21.03	21.03	21.02		
10	16QAM	1	0	20.96	21.02	20.94	22	1
10	16QAM	1	25	20.96	21.02	20.96		
10	16QAM	1	49	21.01	20.98	20.97		
10	16QAM	25	0	19.94	19.96	19.93	21	2
10	16QAM	25	12	19.89	19.96	19.89		
10	16QAM	25	25	19.90	19.92	19.94		
10	16QAM	50	0	19.85	19.87	19.87		
10	64QAM	1	0	19.92	20.01	19.90	21	2
10	64QAM	1	25	19.97	20.01	19.90		
10	64QAM	1	49	19.94	19.92	19.87		
10	64QAM	25	0	18.93	18.99	18.86	20	3
10	64QAM	25	12	18.91	18.89	18.92		
10	64QAM	25	25	18.84	18.88	18.80		
10	64QAM	50	0	18.89	18.96	18.94		
10	256QAM	1	0	16.88	16.95	16.86	18	5
10	256QAM	1	25	16.99	16.84	16.91		
10	256QAM	1	49	16.82	16.90	16.90		
10	256QAM	25	0	17.02	16.93	16.94	18	5
10	256QAM	25	12	16.95	16.98	16.88		
10	256QAM	25	25	16.96	16.99	16.83		
10	256QAM	50	0	16.85	17.01	16.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.07	22.08	22.05	23	0
5	QPSK	1	12	22.04	22.03	22.01		
5	QPSK	1	24	22.03	22.06	22.03		
5	QPSK	12	0	21.04	21.02	21.01	22	1
5	QPSK	12	7	20.96	20.99	20.96		
5	QPSK	12	13	20.93	20.98	21.01		
5	QPSK	25	0	21.00	21.05	21.00		
5	16QAM	1	0	20.93	20.99	20.97	22	1
5	16QAM	1	12	20.96	21.05	20.97		
5	16QAM	1	24	21.01	20.96	20.95		
5	16QAM	12	0	19.94	19.97	19.95	21	2
5	16QAM	12	7	19.87	19.93	19.89		
5	16QAM	12	13	19.94	19.95	19.82		
5	16QAM	25	0	19.88	19.90	19.79		
5	64QAM	1	0	19.94	19.92	19.79	21	2
5	64QAM	1	12	19.96	19.98	19.84		
5	64QAM	1	24	19.92	19.91	19.96		
5	64QAM	12	0	18.87	19.00	18.99	20	3
5	64QAM	12	7	18.87	18.93	18.95		
5	64QAM	12	13	18.94	18.91	18.87		
5	64QAM	25	0	18.93	18.92	18.90		
5	256QAM	1	0	16.88	17.01	16.84	18	5
5	256QAM	1	12	16.88	16.92	16.87		
5	256QAM	1	24	16.83	16.85	16.87		
5	256QAM	12	0	17.00	16.98	16.87	18	5
5	256QAM	12	7	16.91	16.98	16.89		
5	256QAM	12	13	16.83	16.93	16.94		
5	256QAM	25	0	16.94	16.92	16.92		

Band 41_Ant 0(DSI 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	23.03	23.25	22.95	22.98	22.93	24	0
20	QPSK	1	49	23.01	23.20	22.92	22.93	22.86		
20	QPSK	1	99	23.02	23.22	22.93	22.93	22.89		
20	QPSK	50	0	22.01	22.26	21.96	21.98	21.95	23	1
20	QPSK	50	24	21.99	22.25	21.95	21.92	21.91		
20	QPSK	50	50	21.99	22.21	21.94	21.97	21.90		
20	QPSK	100	0	21.95	22.24	21.90	21.91	21.88		
20	16QAM	1	0	21.94	22.19	21.89	21.94	21.94	23	1
20	16QAM	1	49	21.95	22.23	21.91	21.95	21.93		
20	16QAM	1	99	21.95	22.19	21.93	21.97	21.92		
20	16QAM	50	0	21.03	21.26	20.98	20.99	20.93	22	2
20	16QAM	50	24	21.02	21.23	20.94	20.94	20.90		
20	16QAM	50	50	20.98	21.25	20.97	20.95	20.89		
20	16QAM	100	0	21.02	21.21	20.96	20.93	20.88		
20	64QAM	1	0	20.96	21.20	20.96	20.92	20.92	22	2
20	64QAM	1	49	20.96	21.23	20.95	20.93	20.90		
20	64QAM	1	99	20.98	21.19	20.96	20.95	20.92		
20	64QAM	50	0	20.05	20.25	20.00	20.02	19.95	21	3
20	64QAM	50	24	19.98	20.22	19.98	19.97	19.94		
20	64QAM	50	50	19.98	20.22	19.98	20.00	19.93		
20	64QAM	100	0	20.00	20.22	19.97	19.97	19.91		
20	256QAM	1	0	18.02	18.21	17.99	18.04	17.91	19	5
20	256QAM	1	49	18.03	18.27	17.96	18.02	17.91		
20	256QAM	1	99	17.99	18.21	18.01	18.03	17.91		
20	256QAM	50	0	18.06	18.28	18.02	18.05	17.98	19	5
20	256QAM	50	24	18.03	18.27	17.98	18.04	17.97		
20	256QAM	50	50	18.04	18.22	17.99	18.00	17.94		
20	256QAM	100	0	18.00	18.26	18.01	18.01	17.93		
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	22.98	23.23	22.91	22.96	22.91	24	0
15	QPSK	1	37	22.99	23.18	22.90	22.92	22.85		
15	QPSK	1	74	22.95	23.20	22.88	22.88	22.84		
15	QPSK	36	0	21.99	22.21	21.89	21.97	21.89	23	1
15	QPSK	36	20	21.93	22.20	21.93	21.86	21.87		
15	QPSK	36	39	21.92	22.16	21.91	21.91	21.83		
15	QPSK	75	0	21.92	22.18	21.83	21.84	21.82		
15	16QAM	1	0	21.89	22.18	21.83	21.91	21.91	23	1
15	16QAM	1	37	21.91	22.16	21.85	21.88	21.91		
15	16QAM	1	74	21.91	22.15	21.85	21.95	21.91		
15	16QAM	36	0	20.99	21.17	20.97	20.98	20.84	22	2
15	16QAM	36	20	20.97	21.14	20.91	20.87	20.86		
15	16QAM	36	39	20.83	21.21	20.96	20.85	20.85		
15	16QAM	75	0	20.88	21.19	20.87	20.80	20.80		
15	64QAM	1	0	20.95	21.16	20.86	20.79	20.90	22	2
15	64QAM	1	37	20.92	21.22	20.91	20.87	20.88		
15	64QAM	1	74	20.87	21.18	20.93	20.85	20.78		
15	64QAM	36	0	19.95	20.16	19.95	19.94	19.80	21	3
15	64QAM	36	20	19.84	20.15	19.89	19.92	19.83		
15	64QAM	36	39	19.85	20.19	19.97	19.88	19.82		
15	64QAM	75	0	19.89	20.19	19.93	19.91	19.76		
15	256QAM	1	0	17.94	18.15	17.85	17.99	17.81	19	5
15	256QAM	1	37	17.98	18.21	17.94	18.01	17.88		
15	256QAM	1	74	17.90	18.19	17.93	17.97	17.83		
15	256QAM	36	0	17.98	18.27	17.92	18.04	17.84	19	5
15	256QAM	36	20	17.98	18.14	17.96	17.93	17.85		
15	256QAM	36	39	18.03	18.08	17.85	17.92	17.86		
15	256QAM	75	0	17.94	18.22	17.90	17.98	17.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.00	23.23	22.90	22.95	22.87	24	0
10	QPSK	1	25	22.96	23.14	22.85	22.91	22.82		
10	QPSK	1	49	22.96	23.18	22.89	22.92	22.87		
10	QPSK	25	0	21.95	22.23	21.89	21.93	21.94	23	1
10	QPSK	25	12	21.97	22.19	21.90	21.91	21.84		
10	QPSK	25	25	21.98	22.19	21.93	21.95	21.84		
10	QPSK	50	0	21.88	22.18	21.83	21.89	21.85		
10	16QAM	1	0	21.88	22.17	21.86	21.89	21.89	23	1
10	16QAM	1	25	21.94	22.22	21.85	21.91	21.92		
10	16QAM	1	49	21.91	22.14	21.90	21.89	21.84		
10	16QAM	25	0	20.98	21.17	20.92	20.95	20.86	22	2
10	16QAM	25	12	20.93	21.18	20.91	20.86	20.87		
10	16QAM	25	25	20.94	21.16	20.95	20.84	20.80		
10	16QAM	50	0	21.01	21.16	20.83	20.81	20.81		
10	64QAM	1	0	20.86	21.07	20.90	20.82	20.84	22	2
10	64QAM	1	25	20.92	21.14	20.87	20.86	20.85		
10	64QAM	1	49	20.84	21.04	20.90	20.80	20.89		
10	64QAM	25	0	19.96	20.11	19.98	20.00	19.86	21	3
10	64QAM	25	12	19.83	20.21	19.94	19.82	19.85		
10	64QAM	25	25	19.87	20.14	19.84	19.98	19.82		
10	64QAM	50	0	19.94	20.16	19.84	19.91	19.88		
10	256QAM	1	0	17.98	18.13	17.89	17.92	17.89	19	5
10	256QAM	1	25	18.00	18.22	17.82	17.92	17.89		
10	256QAM	1	49	17.97	18.12	17.93	18.00	17.81		
10	256QAM	25	0	17.92	18.17	17.87	17.90	17.91	19	5
10	256QAM	25	12	17.94	18.25	17.94	17.99	17.94		
10	256QAM	25	25	17.91	18.10	17.91	17.89	17.81		
10	256QAM	50	0	17.90	18.11	17.93	17.87	17.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.00	23.22	22.94	22.94	22.88	24	0
5	QPSK	1	12	22.97	23.14	22.90	22.90	22.85		
5	QPSK	1	24	22.98	23.21	22.90	22.88	22.86		
5	QPSK	12	0	21.95	22.25	21.94	21.93	21.92	23	1
5	QPSK	12	7	21.94	22.22	21.94	21.86	21.87		
5	QPSK	12	13	21.92	22.14	21.90	21.95	21.87		
5	QPSK	25	0	21.92	22.19	21.89	21.84	21.87		
5	16QAM	1	0	21.91	22.17	21.85	21.87	21.93	23	1
5	16QAM	1	12	21.94	22.20	21.86	21.88	21.92		
5	16QAM	1	24	21.91	22.10	21.92	21.95	21.91		
5	16QAM	12	0	21.00	21.19	20.94	20.94	20.85	22	2
5	16QAM	12	7	21.01	21.16	20.85	20.92	20.87		
5	16QAM	12	13	20.85	21.12	20.88	20.91	20.77		
5	16QAM	25	0	21.00	21.19	20.89	20.83	20.73		
5	64QAM	1	0	20.81	21.07	20.85	20.83	20.88	22	2
5	64QAM	1	12	20.86	21.21	20.86	20.81	20.87		
5	64QAM	1	24	20.92	21.04	20.87	20.92	20.82		
5	64QAM	12	0	20.04	20.18	19.87	19.87	19.83	21	3
5	64QAM	12	7	19.86	20.12	19.93	19.91	19.82		
5	64QAM	12	13	19.85	20.19	19.93	19.87	19.79		
5	64QAM	25	0	19.88	20.14	19.94	19.92	19.85		
5	256QAM	1	0	17.89	18.16	17.87	17.94	17.78	19	5
5	256QAM	1	12	17.89	18.18	17.90	17.97	17.80		
5	256QAM	1	24	17.90	18.07	17.97	17.93	17.81		
5	256QAM	12	0	18.01	18.24	17.98	18.04	17.95	19	5
5	256QAM	12	7	17.97	18.16	17.85	18.01	17.89		
5	256QAM	12	13	17.95	18.12	17.88	17.94	17.88		
5	256QAM	25	0	17.86	18.13	17.99	18.00	17.90		

Band 41_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.06	22.22	22.08	21.95	22.04	23	0
20	QPSK	1	49	22.00	22.21	22.05	21.88	21.98		
20	QPSK	1	99	22.05	22.18	22.02	21.92	21.97		
20	QPSK	50	0	21.02	21.18	21.05	20.98	21.02	22	1
20	QPSK	50	24	21.01	21.13	20.98	20.93	20.97		
20	QPSK	50	50	21.00	21.11	21.03	20.95	20.97		
20	QPSK	100	0	21.01	21.17	21.03	20.97	21.01		
20	16QAM	1	0	20.96	21.14	21.00	20.95	20.97	22	1
20	16QAM	1	49	21.01	21.12	21.03	20.92	20.95		
20	16QAM	1	99	21.00	21.15	20.99	20.97	21.01		
20	16QAM	50	0	20.02	20.18	20.02	19.98	20.02	21	2
20	16QAM	50	24	19.98	20.14	19.97	19.93	19.97		
20	16QAM	50	50	20.00	20.11	19.96	19.93	19.95		
20	16QAM	100	0	19.98	20.13	19.99	19.93	19.96		
20	64QAM	1	0	20.01	20.14	19.95	19.92	19.95	21	2
20	64QAM	1	49	19.99	20.14	20.00	19.92	19.97		
20	64QAM	1	99	20.00	20.13	19.97	19.96	19.95		
20	64QAM	50	0	19.03	19.17	19.01	18.98	19.02	20	3
20	64QAM	50	24	18.98	19.11	18.94	18.91	18.98		
20	64QAM	50	50	19.00	19.15	18.94	18.96	19.01		
20	64QAM	100	0	18.98	19.16	18.95	18.91	19.00		
20	256QAM	1	0	16.99	17.11	16.97	16.93	16.99	18	5
20	256QAM	1	49	17.01	17.10	17.00	16.94	16.96		
20	256QAM	1	99	16.98	17.12	16.98	16.94	16.98		
20	256QAM	50	0	17.05	17.15	17.03	16.98	17.02	18	5
20	256QAM	50	24	17.00	17.12	16.98	16.95	16.96		
20	256QAM	50	50	16.99	17.09	16.98	16.92	16.98		
20	256QAM	100	0	17.03	17.09	16.98	16.92	16.99		
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	22.04	22.18	22.04	21.91	21.99	23	0
15	QPSK	1	37	21.95	22.20	21.98	21.86	21.91		
15	QPSK	1	74	22.00	22.17	21.95	21.86	21.92		
15	QPSK	36	0	20.98	21.13	21.02	20.97	21.01	22	1
15	QPSK	36	20	20.97	21.12	20.92	20.89	20.93		
15	QPSK	36	39	20.95	21.06	21.02	20.90	20.93		
15	QPSK	75	0	20.94	21.15	20.98	20.96	20.99		
15	16QAM	1	0	20.89	21.13	20.99	20.94	20.96	22	1
15	16QAM	1	37	20.96	21.05	20.99	20.86	20.93		
15	16QAM	1	74	20.98	21.08	20.97	20.96	20.98		
15	16QAM	36	0	19.93	20.12	20.00	19.90	19.99	21	2
15	16QAM	36	20	19.89	20.08	19.96	19.90	19.92		
15	16QAM	36	39	19.90	20.07	19.94	19.82	19.82		
15	16QAM	75	0	19.89	20.03	19.84	19.92	19.91		
15	64QAM	1	0	19.96	20.11	19.83	19.86	19.89	21	2
15	64QAM	1	37	19.90	20.09	19.97	19.88	19.86		
15	64QAM	1	74	19.94	20.01	19.83	19.92	19.94		
15	64QAM	36	0	18.97	19.08	18.93	18.97	18.95	20	3
15	64QAM	36	20	18.91	18.96	18.88	18.78	18.90		
15	64QAM	36	39	18.89	19.14	18.79	18.81	18.95		
15	64QAM	75	0	18.89	19.06	18.84	18.81	18.89		
15	256QAM	1	0	16.92	17.00	16.89	16.81	16.85	18	5
15	256QAM	1	37	17.00	16.96	16.86	16.93	16.87		
15	256QAM	1	74	16.87	17.03	16.90	16.83	16.87		
15	256QAM	36	0	16.98	17.01	16.97	16.84	16.89	18	5
15	256QAM	36	20	16.89	17.06	16.85	16.94	16.93		
15	256QAM	36	39	16.94	17.07	16.83	16.81	16.90		
15	256QAM	75	0	16.88	16.98	16.86	16.84	16.92		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.01	22.18	22.01	21.88	21.97	23	0
10	QPSK	1	25	21.97	22.20	22.04	21.81	21.94		
10	QPSK	1	49	21.99	22.15	21.99	21.85	21.96		
10	QPSK	25	0	20.95	21.11	20.99	20.93	20.98	22	1
10	QPSK	25	12	20.94	21.12	20.94	20.92	20.94		
10	QPSK	25	25	20.97	21.04	20.98	20.88	20.90		
10	QPSK	50	0	20.99	21.13	20.97	20.90	20.94		
10	16QAM	1	0	20.93	21.12	20.95	20.93	20.96	22	1
10	16QAM	1	25	20.96	21.09	21.01	20.87	20.88		
10	16QAM	1	49	20.91	21.12	20.92	20.91	21.00		
10	16QAM	25	0	20.00	20.11	19.93	19.91	19.97	21	2
10	16QAM	25	12	19.97	20.08	19.89	19.87	19.92		
10	16QAM	25	25	19.97	20.08	19.82	19.90	19.89		
10	16QAM	50	0	19.90	19.99	19.93	19.83	19.91		
10	64QAM	1	0	19.91	20.09	19.85	19.90	19.88	21	2
10	64QAM	1	25	19.86	20.09	19.87	19.83	19.84		
10	64QAM	1	49	19.93	19.99	19.82	19.93	19.81		
10	64QAM	25	0	18.98	19.07	18.89	18.90	18.93	20	3
10	64QAM	25	12	18.86	19.09	18.93	18.83	18.91		
10	64QAM	25	25	18.88	19.06	18.88	18.90	18.99		
10	64QAM	50	0	18.89	19.03	18.81	18.88	18.91		
10	256QAM	1	0	16.89	17.06	16.83	16.82	16.98	18	5
10	256QAM	1	25	16.96	17.04	16.93	16.87	16.87		
10	256QAM	1	49	16.83	17.02	16.86	16.84	16.92		
10	256QAM	25	0	17.04	17.03	16.97	16.96	16.97	18	5
10	256QAM	25	12	16.93	17.00	16.89	16.87	16.81		
10	256QAM	25	25	16.95	16.98	16.88	16.90	16.93		
10	256QAM	50	0	17.00	17.07	16.89	16.78	16.94		
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	22.04	22.17	22.02	21.91	22.03	23	0
5	QPSK	1	12	21.98	22.20	21.99	21.84	21.96		
5	QPSK	1	24	22.01	22.12	21.99	21.91	21.95		
5	QPSK	12	0	21.01	21.13	21.03	20.96	20.99	22	1
5	QPSK	12	7	20.94	21.12	20.96	20.91	20.96		
5	QPSK	12	13	20.94	21.04	20.99	20.94	20.91		
5	QPSK	25	0	20.99	21.10	21.02	20.94	20.94		
5	16QAM	1	0	20.94	21.07	20.95	20.89	20.90	22	1
5	16QAM	1	12	21.00	21.09	20.99	20.87	20.88		
5	16QAM	1	24	20.98	21.10	20.92	20.88	20.94		
5	16QAM	12	0	19.95	20.15	19.96	19.91	19.93	21	2
5	16QAM	12	7	19.93	20.08	19.88	19.86	19.90		
5	16QAM	12	13	19.94	20.06	19.94	19.87	19.90		
5	16QAM	25	0	19.85	20.06	19.87	19.79	19.95		
5	64QAM	1	0	19.99	20.04	19.80	19.85	19.82	21	2
5	64QAM	1	12	19.85	20.01	19.91	19.89	19.84		
5	64QAM	1	24	19.93	20.08	19.94	19.88	19.81		
5	64QAM	12	0	18.95	19.10	18.92	18.95	19.00	20	3
5	64QAM	12	7	18.90	19.10	18.83	18.86	18.97		
5	64QAM	12	13	18.95	19.07	18.79	18.84	18.94		
5	64QAM	25	0	18.83	19.05	18.93	18.86	18.85		
5	256QAM	1	0	16.89	17.08	16.93	16.80	16.90	18	5
5	256QAM	1	12	16.88	16.95	16.96	16.87	16.88		
5	256QAM	1	24	16.94	17.00	16.88	16.92	16.97		
5	256QAM	12	0	16.99	17.00	16.93	16.96	16.95	18	5
5	256QAM	12	7	16.94	17.03	16.93	16.87	16.92		
5	256QAM	12	13	16.91	17.05	16.88	16.82	16.96		
5	256QAM	25	0	16.92	16.95	16.86	16.84	16.90		

Part 27Q_Band 42_Ant 0(DSI 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.13	21.20	21.05	22	0
20	QPSK	1	49	21.06	21.12	21.02		
20	QPSK	1	99	21.10	21.03	20.98		
20	QPSK	50	0	20.09	20.11	20.07	21	1
20	QPSK	50	24	20.03	20.09	20.05		
20	QPSK	50	50	20.07	19.98	19.99		
20	QPSK	100	0	20.10	20.13	19.99		
20	16QAM	1	0	20.04	20.03	19.97	21	1
20	16QAM	1	49	19.93	20.08	20.00		
20	16QAM	1	99	19.90	19.93	20.03		
20	16QAM	50	0	18.99	19.06	19.06	20	2
20	16QAM	50	24	18.95	19.01	19.00		
20	16QAM	50	50	19.06	19.03	19.02		
20	16QAM	100	0	18.98	19.00	19.01		
20	64QAM	1	0	18.96	18.97	19.03	20	2
20	64QAM	1	49	18.97	19.01	19.01		
20	64QAM	1	99	18.98	18.97	18.98		
20	64QAM	50	0	17.97	18.06	18.06	19	3
20	64QAM	50	24	17.94	17.94	17.96		
20	64QAM	50	50	17.98	18.04	17.96		
20	64QAM	100	0	17.99	18.05	17.94		
20	256QAM	1	0	15.96	16.04	16.01	17	5
20	256QAM	1	49	16.04	16.05	15.98		
20	256QAM	1	99	15.99	16.03	16.05		
20	256QAM	50	0	16.12	16.01	15.97	17	5
20	256QAM	50	24	15.93	16.03	15.95		
20	256QAM	50	50	15.95	16.07	16.01		
20	256QAM	100	0	16.08	16.08	16.01		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.09	21.05	21.03	22	0
15	QPSK	1	37	21.09	21.04	21.10		
15	QPSK	1	74	21.07	21.02	21.05		
15	QPSK	36	0	20.05	20.14	20.05	21	1
15	QPSK	36	20	20.01	20.08	20.03		
15	QPSK	36	39	20.07	20.04	19.93		
15	QPSK	75	0	20.07	20.03	20.03		
15	16QAM	1	0	19.93	19.94	20.00	21	1
15	16QAM	1	37	20.00	20.04	19.97		
15	16QAM	1	74	19.95	20.04	20.05		
15	16QAM	36	0	19.00	19.05	19.10	20	2
15	16QAM	36	20	19.06	19.09	18.95		
15	16QAM	36	39	18.94	18.96	19.04		
15	16QAM	75	0	19.05	19.01	19.08		
15	64QAM	1	0	18.95	19.07	19.05	20	2
15	64QAM	1	37	19.06	19.00	19.04		
15	64QAM	1	74	19.06	19.05	19.00		
15	64QAM	36	0	17.97	18.05	17.97	19	3
15	64QAM	36	20	18.00	17.96	17.94		
15	64QAM	36	39	17.95	18.07	18.02		
15	64QAM	75	0	18.03	17.99	18.04		
15	256QAM	1	0	15.96	16.12	15.93	17	5
15	256QAM	1	37	16.04	15.96	15.96		
15	256QAM	1	74	15.94	16.03	15.99		
15	256QAM	36	0	16.09	16.04	16.07	17	5
15	256QAM	36	20	15.94	16.03	16.04		
15	256QAM	36	39	15.97	16.02	15.95		
15	256QAM	75	0	16.06	15.98	16.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.12	21.10	21.02	22	0
10	QPSK	1	25	21.02	21.06	21.03		
10	QPSK	1	49	20.97	21.15	20.97		
10	QPSK	25	0	20.00	20.10	19.99	21	1
10	QPSK	25	12	20.03	20.02	20.04		
10	QPSK	25	25	19.95	20.05	19.99		
10	QPSK	50	0	20.06	20.11	19.96		
10	16QAM	1	0	20.02	20.00	19.98	21	1
10	16QAM	1	25	19.99	19.99	20.02		
10	16QAM	1	49	19.98	19.97	20.06		
10	16QAM	25	0	19.05	19.04	19.10	20	2
10	16QAM	25	12	18.94	19.11	18.92		
10	16QAM	25	25	18.99	18.95	18.94		
10	16QAM	50	0	19.01	19.00	18.95		
10	64QAM	1	0	19.05	18.98	19.02	20	2
10	64QAM	1	25	18.96	19.08	19.01		
10	64QAM	1	49	19.01	18.99	18.99		
10	64QAM	25	0	18.03	18.08	18.08	19	3
10	64QAM	25	12	17.91	17.97	17.90		
10	64QAM	25	25	17.98	18.04	17.93		
10	64QAM	50	0	17.93	18.05	18.07		
10	256QAM	1	0	15.99	16.09	16.04	17	5
10	256QAM	1	25	15.99	15.98	15.99		
10	256QAM	1	49	16.04	16.01	15.94		
10	256QAM	25	0	16.04	16.14	15.98	17	5
10	256QAM	25	12	16.00	16.04	15.92		
10	256QAM	25	25	16.06	16.08	16.00		
10	256QAM	50	0	16.09	15.97	15.97		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.09	21.12	21.03	22	0
5	QPSK	1	12	21.09	21.10	21.02		
5	QPSK	1	24	21.08	21.12	20.99		
5	QPSK	12	0	20.00	20.00	19.98	21	1
5	QPSK	12	7	20.07	20.00	19.95		
5	QPSK	12	13	20.05	19.97	20.02		
5	QPSK	25	0	19.98	20.12	20.09		
5	16QAM	1	0	20.07	20.03	19.97	21	1
5	16QAM	1	12	19.96	20.00	20.01		
5	16QAM	1	24	19.95	19.96	20.02		
5	16QAM	12	0	19.03	18.99	19.01	20	2
5	16QAM	12	7	19.07	19.06	18.92		
5	16QAM	12	13	18.92	18.99	19.04		
5	16QAM	25	0	18.95	18.97	19.03		
5	64QAM	1	0	19.07	19.02	19.00	20	2
5	64QAM	1	12	19.01	19.09	18.96		
5	64QAM	1	24	18.94	19.11	18.96		
5	64QAM	12	0	17.98	17.99	18.08	19	3
5	64QAM	12	7	17.95	18.02	17.98		
5	64QAM	12	13	18.01	18.03	17.91		
5	64QAM	25	0	18.03	18.10	18.06		
5	256QAM	1	0	16.05	16.04	16.06	17	5
5	256QAM	1	12	16.03	16.04	15.98		
5	256QAM	1	24	15.93	16.02	16.04		
5	256QAM	12	0	16.00	16.08	16.02	17	5
5	256QAM	12	7	15.99	15.94	16.02		
5	256QAM	12	13	16.02	16.00	16.00		
5	256QAM	25	0	16.06	15.96	15.90		

Part 96_Band 42_Ant 0(DSI 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				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.92	20.95	20.62	22	0
20	QPSK	1	49	20.91	20.78	20.61		
20	QPSK	1	99	20.84	20.66	20.59		
20	QPSK	50	0	19.92	19.93	19.74	21	1
20	QPSK	50	24	19.91	19.73	19.59		
20	QPSK	50	50	19.80	19.69	19.67		
20	QPSK	100	0	19.87	19.88	19.63		
20	16QAM	1	0	19.80	19.86	19.68	21	1
20	16QAM	1	49	19.82	19.81	19.59		
20	16QAM	1	99	19.76	19.78	19.57		
20	16QAM	50	0	18.78	18.78	18.63	20	2
20	16QAM	50	24	18.84	18.80	18.63		
20	16QAM	50	50	18.76	18.71	18.66		
20	16QAM	100	0	18.82	18.71	18.52		
20	64QAM	1	0	18.73	18.68	18.58	20	2
20	64QAM	1	49	18.84	18.64	18.62		
20	64QAM	1	99	18.77	18.71	18.60		
20	64QAM	50	0	17.89	17.76	17.71	19	3
20	64QAM	50	24	17.83	17.68	17.61		
20	64QAM	50	50	17.78	17.63	17.60		
20	64QAM	100	0	17.91	17.68	17.69		
20	256QAM	1	0	15.86	15.65	15.55	17	5
20	256QAM	1	49	15.81	15.69	15.54		
20	256QAM	1	99	15.88	15.63	15.65		
20	256QAM	50	0	15.84	15.78	15.61	17	5
20	256QAM	50	24	15.82	15.73	15.71		
20	256QAM	50	50	15.76	15.65	15.66		
20	256QAM	100	0	15.72	15.76	15.73		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.84	20.75	20.58	22	0
15	QPSK	1	37	20.87	20.70	20.68		
15	QPSK	1	74	20.84	20.65	20.63		
15	QPSK	36	0	19.83	19.77	19.71	21	1
15	QPSK	36	20	19.78	19.70	19.59		
15	QPSK	36	39	19.82	19.67	19.70		
15	QPSK	75	0	19.82	19.75	19.65		
15	16QAM	1	0	19.86	19.73	19.68	21	1
15	16QAM	1	37	19.85	19.76	19.70		
15	16QAM	1	74	19.78	19.80	19.54		
15	16QAM	36	0	18.86	18.79	18.67	20	2
15	16QAM	36	20	18.86	18.69	18.62		
15	16QAM	36	39	18.81	18.70	18.59		
15	16QAM	75	0	18.82	18.75	18.57		
15	64QAM	1	0	18.82	18.73	18.67	20	2
15	64QAM	1	37	18.76	18.71	18.56		
15	64QAM	1	74	18.76	18.66	18.64		
15	64QAM	36	0	17.88	17.78	17.65	19	3
15	64QAM	36	20	17.79	17.70	17.52		
15	64QAM	36	39	17.75	17.71	17.64		
15	64QAM	75	0	17.84	17.66	17.58		
15	256QAM	1	0	15.86	15.78	15.57	17	5
15	256QAM	1	37	15.76	15.74	15.67		
15	256QAM	1	74	15.83	15.67	15.61		
15	256QAM	36	0	15.89	15.80	15.67	17	5
15	256QAM	36	20	15.83	15.63	15.71		
15	256QAM	36	39	15.77	15.70	15.68		
15	256QAM	75	0	15.78	15.73	15.69		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.90	20.78	20.71	22	0
10	QPSK	1	25	20.77	20.71	20.68		
10	QPSK	1	49	20.83	20.70	20.65		
10	QPSK	25	0	19.79	19.73	19.72	21	1
10	QPSK	25	12	19.79	19.73	19.60		
10	QPSK	25	25	19.74	19.74	19.68		
10	QPSK	50	0	19.85	19.78	19.60		
10	16QAM	1	0	19.84	19.74	19.58	21	1
10	16QAM	1	25	19.89	19.74	19.68		
10	16QAM	1	49	19.82	19.79	19.53		
10	16QAM	25	0	18.88	18.75	18.59	20	2
10	16QAM	25	12	18.82	18.74	18.53		
10	16QAM	25	25	18.71	18.68	18.67		
10	16QAM	50	0	18.71	18.77	18.58		
10	64QAM	1	0	18.85	18.75	18.66	20	2
10	64QAM	1	25	18.79	18.70	18.56		
10	64QAM	1	49	18.82	18.68	18.61		
10	64QAM	25	0	17.92	17.74	17.58	19	3
10	64QAM	25	12	17.75	17.76	17.61		
10	64QAM	25	25	17.82	17.76	17.60		
10	64QAM	50	0	17.87	17.75	17.56		
10	256QAM	1	0	15.84	15.69	15.57	17	5
10	256QAM	1	25	15.77	15.66	15.67		
10	256QAM	1	49	15.80	15.74	15.59		
10	256QAM	25	0	15.87	15.77	15.70	17	5
10	256QAM	25	12	15.80	15.74	15.66		
10	256QAM	25	25	15.90	15.74	15.66		
10	256QAM	50	0	15.75	15.73	15.69		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.82	20.83	20.71	22	0
5	QPSK	1	12	20.78	20.77	20.62		
5	QPSK	1	24	20.86	20.74	20.54		
5	QPSK	12	0	19.88	19.83	19.67	21	1
5	QPSK	12	7	19.83	19.71	19.71		
5	QPSK	12	13	19.79	19.75	19.58		
5	QPSK	25	0	19.86	19.84	19.61		
5	16QAM	1	0	19.88	19.72	19.62	21	1
5	16QAM	1	12	19.79	19.82	19.72		
5	16QAM	1	24	19.78	19.79	19.59		
5	16QAM	12	0	18.78	18.70	18.60	20	2
5	16QAM	12	7	18.78	18.81	18.56		
5	16QAM	12	13	18.79	18.62	18.63		
5	16QAM	25	0	18.79	18.70	18.51		
5	64QAM	1	0	18.75	18.67	18.68	20	2
5	64QAM	1	12	18.79	18.70	18.61		
5	64QAM	1	24	18.83	18.69	18.53		
5	64QAM	12	0	17.93	17.74	17.63	19	3
5	64QAM	12	7	17.88	17.76	17.60		
5	64QAM	12	13	17.84	17.63	17.69		
5	64QAM	25	0	17.80	17.69	17.66		
5	256QAM	1	0	15.79	15.69	15.69	17	5
5	256QAM	1	12	15.73	15.74	15.60		
5	256QAM	1	24	15.80	15.76	15.57		
5	256QAM	12	0	15.80	15.67	15.61	17	5
5	256QAM	12	7	15.87	15.68	15.63		
5	256QAM	12	13	15.89	15.68	15.70		
5	256QAM	25	0	15.72	15.75	15.69		

Part 27Q_Band 42_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.08	21.43	21.18	23	0
20	QPSK	1	49	21.06	21.39	21.15		
20	QPSK	1	99	21.05	21.40	21.14		
20	QPSK	50	0	20.11	20.48	20.20	22	1
20	QPSK	50	24	20.09	20.46	20.17		
20	QPSK	50	50	20.09	20.47	20.17		
20	QPSK	100	0	20.10	20.45	20.18		
20	16QAM	1	0	20.10	20.47	20.18	22	1
20	16QAM	1	49	20.08	20.47	20.14		
20	16QAM	1	99	20.10	20.44	20.19		
20	16QAM	50	0	19.13	19.50	19.21	21	2
20	16QAM	50	24	19.11	19.46	19.18		
20	16QAM	50	50	19.13	19.47	19.15		
20	16QAM	100	0	19.12	19.49	19.20		
20	64QAM	1	0	19.11	19.49	19.18	21	2
20	64QAM	1	49	19.12	19.48	19.20		
20	64QAM	1	99	19.11	19.46	19.19		
20	64QAM	50	0	18.12	18.51	18.20	20	3
20	64QAM	50	24	18.13	18.50	18.18		
20	64QAM	50	50	18.15	18.50	18.16		
20	64QAM	100	0	18.11	18.45	18.19		
20	256QAM	1	0	16.07	16.44	16.20	18	5
20	256QAM	1	49	16.09	16.44	16.20		
20	256QAM	1	99	16.10	16.43	16.15		
20	256QAM	50	0	16.13	16.49	16.21	18	5
20	256QAM	50	24	16.09	16.43	16.14		
20	256QAM	50	50	16.09	16.42	16.15		
20	256QAM	100	0	16.10	16.48	16.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.02	21.42	21.15	23	0
15	QPSK	1	37	21.07	21.40	21.15		
15	QPSK	1	74	21.04	21.41	21.16		
15	QPSK	36	0	20.05	20.45	20.19	22	1
15	QPSK	36	20	20.10	20.43	20.18		
15	QPSK	36	39	20.07	20.44	20.16		
15	QPSK	75	0	20.06	20.41	20.14		
15	16QAM	1	0	20.09	20.45	20.14	22	1
15	16QAM	1	37	20.09	20.44	20.19		
15	16QAM	1	74	20.08	20.44	20.16		
15	16QAM	36	0	19.12	19.47	19.14	21	2
15	16QAM	36	20	19.10	19.48	19.20		
15	16QAM	36	39	19.09	19.43	19.15		
15	16QAM	75	0	19.12	19.45	19.17		
15	64QAM	1	0	19.12	19.44	19.14	21	2
15	64QAM	1	37	19.11	19.49	19.17		
15	64QAM	1	74	19.09	19.48	19.18		
15	64QAM	36	0	18.12	18.48	18.19	20	3
15	64QAM	36	20	18.12	18.44	18.19		
15	64QAM	36	39	18.13	18.49	18.19		
15	64QAM	75	0	18.10	18.48	18.18		
15	256QAM	1	0	16.09	16.45	16.17	18	5
15	256QAM	1	37	16.11	16.47	16.16		
15	256QAM	1	74	16.07	16.43	16.20		
15	256QAM	36	0	16.10	16.47	16.14	18	5
15	256QAM	36	20	16.08	16.42	16.19		
15	256QAM	36	39	16.12	16.46	16.16		
15	256QAM	75	0	16.10	16.46	16.16		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.03	21.37	21.13	23	0
10	QPSK	1	25	21.04	21.42	21.15		
10	QPSK	1	49	21.07	21.42	21.17		
10	QPSK	25	0	20.10	20.46	20.15	22	1
10	QPSK	25	12	20.07	20.42	20.16		
10	QPSK	25	25	20.08	20.44	20.13		
10	QPSK	50	0	20.08	20.45	20.15		
10	16QAM	1	0	20.09	20.43	20.16	22	1
10	16QAM	1	25	20.04	20.41	20.15		
10	16QAM	1	49	20.07	20.44	20.17		
10	16QAM	25	0	19.11	19.47	19.19	21	2
10	16QAM	25	12	19.11	19.47	19.14		
10	16QAM	25	25	19.12	19.43	19.20		
10	16QAM	50	0	19.09	19.48	19.19		
10	64QAM	1	0	19.12	19.48	19.16	21	2
10	64QAM	1	25	19.10	19.43	19.17		
10	64QAM	1	49	19.11	19.47	19.20		
10	64QAM	25	0	18.10	18.49	18.13	20	3
10	64QAM	25	12	18.12	18.47	18.15		
10	64QAM	25	25	18.13	18.44	18.16		
10	64QAM	50	0	18.14	18.45	18.16		
10	256QAM	1	0	16.10	16.42	16.18	18	5
10	256QAM	1	25	16.12	16.46	16.17		
10	256QAM	1	49	16.09	16.43	16.17		
10	256QAM	25	0	16.07	16.45	16.14	18	5
10	256QAM	25	12	16.09	16.46	16.16		
10	256QAM	25	25	16.10	16.43	16.14		
10	256QAM	50	0	16.10	16.42	16.20		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.06	21.36	21.14	23	0
5	QPSK	1	12	21.02	21.39	21.15		
5	QPSK	1	24	21.04	21.36	21.14		
5	QPSK	12	0	20.07	20.46	20.18	22	1
5	QPSK	12	7	20.06	20.44	20.16		
5	QPSK	12	13	20.08	20.43	20.17		
5	QPSK	25	0	20.10	20.45	20.14		
5	16QAM	1	0	20.10	20.41	20.19	22	1
5	16QAM	1	12	20.06	20.41	20.19		
5	16QAM	1	24	20.05	20.42	20.16		
5	16QAM	12	0	19.10	19.45	19.20	21	2
5	16QAM	12	7	19.11	19.47	19.18		
5	16QAM	12	13	19.09	19.46	19.18		
5	16QAM	25	0	19.11	19.44	19.19		
5	64QAM	1	0	19.10	19.47	19.16	21	2
5	64QAM	1	12	19.08	19.44	19.17		
5	64QAM	1	24	19.09	19.47	19.16		
5	64QAM	12	0	18.11	18.49	18.15	20	3
5	64QAM	12	7	18.10	18.48	18.17		
5	64QAM	12	13	18.14	18.45	18.13		
5	64QAM	25	0	18.13	18.45	18.14		
5	256QAM	1	0	16.07	16.46	16.20	18	5
5	256QAM	1	12	16.07	16.44	16.19		
5	256QAM	1	24	16.09	16.45	16.15		
5	256QAM	12	0	16.11	16.44	16.17	18	5
5	256QAM	12	7	16.10	16.46	16.19		
5	256QAM	12	13	16.09	16.43	16.16		
5	256QAM	25	0	16.09	16.44	16.16		

Part 96_Band 42_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	21.28	21.52	21.66	23	0
20	QPSK	1	49	21.27	21.49	21.59		
20	QPSK	1	99	21.27	21.50	21.63		
20	QPSK	50	0	20.30	20.55	20.68	22	1
20	QPSK	50	24	20.28	20.52	20.64		
20	QPSK	50	50	20.26	20.54	20.62		
20	QPSK	100	0	20.28	20.53	20.65		
20	16QAM	1	0	20.27	20.49	20.65	22	1
20	16QAM	1	49	20.27	20.54	20.67		
20	16QAM	1	99	20.28	20.53	20.66		
20	16QAM	50	0	19.31	19.55	19.68	21	2
20	16QAM	50	24	19.24	19.53	19.62		
20	16QAM	50	50	19.24	19.48	19.65		
20	16QAM	100	0	19.29	19.50	19.64		
20	64QAM	1	0	19.29	19.52	19.63	21	2
20	64QAM	1	49	19.25	19.52	19.64		
20	64QAM	1	99	19.29	19.49	19.61		
20	64QAM	50	0	18.30	18.56	18.67	20	3
20	64QAM	50	24	18.24	18.52	18.60		
20	64QAM	50	50	18.25	18.52	18.60		
20	64QAM	100	0	18.25	18.49	18.66		
20	256QAM	1	0	16.28	16.50	16.65	18	5
20	256QAM	1	49	16.29	16.53	16.63		
20	256QAM	1	99	16.26	16.49	16.68		
20	256QAM	50	0	16.32	16.55	16.70	18	5
20	256QAM	50	24	16.27	16.52	16.64		
20	256QAM	50	50	16.28	16.52	16.69		
20	256QAM	100	0	16.27	16.54	16.69		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.24	21.45	21.61	23	0
15	QPSK	1	37	21.20	21.42	21.56		
15	QPSK	1	74	21.21	21.49	21.59		
15	QPSK	36	0	20.26	20.50	20.64	22	1
15	QPSK	36	20	20.22	20.50	20.63		
15	QPSK	36	39	20.22	20.53	20.58		
15	QPSK	75	0	20.25	20.48	20.61		
15	16QAM	1	0	20.25	20.47	20.64	22	1
15	16QAM	1	37	20.26	20.49	20.63		
15	16QAM	1	74	20.20	20.50	20.62		
15	16QAM	36	0	19.24	19.47	19.61	21	2
15	16QAM	36	20	19.19	19.50	19.54		
15	16QAM	36	39	19.20	19.42	19.55		
15	16QAM	75	0	19.15	19.44	19.62		
15	64QAM	1	0	19.14	19.40	19.62	21	2
15	64QAM	1	37	19.13	19.41	19.54		
15	64QAM	1	74	19.15	19.42	19.54		
15	64QAM	36	0	18.25	18.51	18.65	20	3
15	64QAM	36	20	18.15	18.44	18.59		
15	64QAM	36	39	18.17	18.48	18.46		
15	64QAM	75	0	18.22	18.47	18.56		
15	256QAM	1	0	16.16	16.40	16.62	18	5
15	256QAM	1	37	16.18	16.46	16.51		
15	256QAM	1	74	16.23	16.35	16.60		
15	256QAM	36	0	16.24	16.45	16.56	18	5
15	256QAM	36	20	16.22	16.42	16.59		
15	256QAM	36	39	16.25	16.45	16.67		
15	256QAM	75	0	16.22	16.53	16.64		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.21	21.46	21.63	23	0
10	QPSK	1	25	21.22	21.46	21.56		
10	QPSK	1	49	21.24	21.44	21.57		
10	QPSK	25	0	20.27	20.50	20.61	22	1
10	QPSK	25	12	20.27	20.47	20.57		
10	QPSK	25	25	20.20	20.50	20.55		
10	QPSK	50	0	20.26	20.47	20.59		
10	16QAM	1	0	20.20	20.47	20.61	22	1
10	16QAM	1	25	20.20	20.49	20.63		
10	16QAM	1	49	20.27	20.48	20.65		
10	16QAM	25	0	19.30	19.52	19.62	21	2
10	16QAM	25	12	19.22	19.45	19.53		
10	16QAM	25	25	19.17	19.43	19.60		
10	16QAM	50	0	19.16	19.37	19.60		
10	64QAM	1	0	19.21	19.50	19.48	21	2
10	64QAM	1	25	19.24	19.42	19.58		
10	64QAM	1	49	19.17	19.48	19.52		
10	64QAM	25	0	18.16	18.55	18.66	20	3
10	64QAM	25	12	18.16	18.41	18.59		
10	64QAM	25	25	18.19	18.51	18.48		
10	64QAM	50	0	18.19	18.45	18.51		
10	256QAM	1	0	16.22	16.41	16.63	18	5
10	256QAM	1	25	16.24	16.38	16.50		
10	256QAM	1	49	16.13	16.40	16.58		
10	256QAM	25	0	16.28	16.47	16.60	18	5
10	256QAM	25	12	16.21	16.45	16.56		
10	256QAM	25	25	16.21	16.50	16.67		
10	256QAM	50	0	16.22	16.46	16.68		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.22	21.46	21.65	23	0
5	QPSK	1	12	21.24	21.47	21.57		
5	QPSK	1	24	21.24	21.43	21.56		
5	QPSK	12	0	20.29	20.48	20.62	22	1
5	QPSK	12	7	20.26	20.45	20.59		
5	QPSK	12	13	20.19	20.47	20.56		
5	QPSK	25	0	20.22	20.51	20.62		
5	16QAM	1	0	20.21	20.48	20.59	22	1
5	16QAM	1	12	20.22	20.47	20.61		
5	16QAM	1	24	20.20	20.45	20.57		
5	16QAM	12	0	19.30	19.51	19.62	21	2
5	16QAM	12	7	19.17	19.47	19.60		
5	16QAM	12	13	19.15	19.33	19.52		
5	16QAM	25	0	19.18	19.36	19.52		
5	64QAM	1	0	19.16	19.40	19.53	21	2
5	64QAM	1	12	19.13	19.42	19.61		
5	64QAM	1	24	19.27	19.37	19.52		
5	64QAM	12	0	18.23	18.42	18.53	20	3
5	64QAM	12	7	18.11	18.46	18.55		
5	64QAM	12	13	18.15	18.42	18.45		
5	64QAM	25	0	18.11	18.48	18.61		
5	256QAM	1	0	16.16	16.49	16.63	18	5
5	256QAM	1	12	16.23	16.51	16.59		
5	256QAM	1	24	16.17	16.36	16.54		
5	256QAM	12	0	16.22	16.50	16.66	18	5
5	256QAM	12	7	16.18	16.45	16.55		
5	256QAM	12	13	16.21	16.43	16.66		
5	256QAM	25	0	16.24	16.52	16.62		

Band 43(FCC)_Ant 0(DSI 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				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.12	21.19	21.14	22.5	0
20	QPSK	1	49	21.10	21.03	21.08		
20	QPSK	1	99	21.11	21.05	21.04		
20	QPSK	50	0	20.16	20.21	20.19	21.5	1
20	QPSK	50	24	20.09	20.06	20.06		
20	QPSK	50	50	20.00	20.06	20.08		
20	QPSK	100	0	20.05	20.15	20.14		
20	16QAM	1	0	20.04	20.20	20.12	21.5	1
20	16QAM	1	49	20.15	20.16	20.08		
20	16QAM	1	99	20.02	20.15	20.08		
20	16QAM	50	0	19.04	19.09	19.00	20.5	2
20	16QAM	50	24	18.97	18.97	19.00		
20	16QAM	50	50	18.89	19.04	19.02		
20	16QAM	100	0	19.02	18.99	19.04		
20	64QAM	1	0	19.07	19.03	18.95	20.5	2
20	64QAM	1	49	19.00	19.02	19.04		
20	64QAM	1	99	18.97	19.00	18.93		
20	64QAM	50	0	18.01	17.99	18.01	19.5	3
20	64QAM	50	24	17.91	17.97	17.92		
20	64QAM	50	50	18.02	18.09	17.97		
20	64QAM	100	0	18.05	17.99	17.94		
20	256QAM	1	0	16.07	16.04	15.90	17.5	5
20	256QAM	1	49	15.97	15.96	15.80		
20	256QAM	1	99	16.03	15.97	15.92		
20	256QAM	50	0	16.05	16.09	15.95	17.5	5
20	256QAM	50	24	16.00	16.03	15.92		
20	256QAM	50	50	16.04	15.93	15.93		
20	256QAM	100	0	16.03	15.97	15.94		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.14	21.10	21.15	22.5	0
15	QPSK	1	37	21.15	21.14	21.10		
15	QPSK	1	74	21.08	21.07	21.05		
15	QPSK	36	0	20.16	20.08	20.15	21.5	1
15	QPSK	36	20	20.16	20.10	20.04		
15	QPSK	36	39	20.02	20.12	20.12		
15	QPSK	75	0	20.12	20.07	20.05		
15	16QAM	1	0	20.14	20.16	20.03	21.5	1
15	16QAM	1	37	20.01	20.09	19.99		
15	16QAM	1	74	20.06	20.11	20.05		
15	16QAM	36	0	19.05	19.10	19.02	20.5	2
15	16QAM	36	20	18.95	18.94	18.93		
15	16QAM	36	39	18.97	18.99	19.00		
15	16QAM	75	0	19.06	18.99	19.03		
15	64QAM	1	0	19.05	18.99	19.00	20.5	2
15	64QAM	1	37	18.89	18.99	19.00		
15	64QAM	1	74	19.03	18.97	19.07		
15	64QAM	36	0	18.00	18.04	18.02	19.5	3
15	64QAM	36	20	18.01	18.07	17.94		
15	64QAM	36	39	17.92	18.00	17.97		
15	64QAM	75	0	17.96	18.06	17.95		
15	256QAM	1	0	16.05	15.98	15.91	17.5	5
15	256QAM	1	37	16.02	16.01	15.80		
15	256QAM	1	74	16.05	16.02	15.93		
15	256QAM	36	0	15.97	16.04	15.94	17.5	5
15	256QAM	36	20	15.92	15.97	15.90		
15	256QAM	36	39	16.07	15.94	15.81		
15	256QAM	75	0	16.03	16.03	15.87		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.07	21.11	21.11	22.5	0
10	QPSK	1	25	21.15	21.04	21.12		
10	QPSK	1	49	21.10	20.98	20.98		
10	QPSK	25	0	20.06	20.22	20.10	21.5	1
10	QPSK	25	12	20.15	20.15	20.10		
10	QPSK	25	25	20.05	20.12	20.08		
10	QPSK	50	0	20.07	20.08	20.05		
10	16QAM	1	0	20.10	20.12	19.98	21.5	1
10	16QAM	1	25	20.04	20.20	20.05		
10	16QAM	1	49	20.14	20.05	20.06		
10	16QAM	25	0	19.09	18.98	18.96	20.5	2
10	16QAM	25	12	19.03	19.03	18.96		
10	16QAM	25	25	18.97	18.98	18.96		
10	16QAM	50	0	19.02	18.99	18.93		
10	64QAM	1	0	19.06	19.06	18.95	20.5	2
10	64QAM	1	25	18.93	18.97	19.01		
10	64QAM	1	49	18.95	18.99	18.95		
10	64QAM	25	0	17.95	18.09	17.96	19.5	3
10	64QAM	25	12	17.90	18.04	17.94		
10	64QAM	25	25	18.06	18.02	17.95		
10	64QAM	50	0	18.06	18.02	18.04		
10	256QAM	1	0	16.01	16.04	15.92	17.5	5
10	256QAM	1	25	16.05	15.95	15.91		
10	256QAM	1	49	15.98	16.01	15.85		
10	256QAM	25	0	16.09	15.98	15.97	17.5	5
10	256QAM	25	12	15.96	15.99	15.92		
10	256QAM	25	25	15.97	16.06	15.94		
10	256QAM	50	0	16.04	16.08	15.92		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.04	21.16	21.14	22.5	0
5	QPSK	1	12	21.16	21.15	21.14		
5	QPSK	1	24	20.99	21.01	21.07		
5	QPSK	12	0	20.12	20.20	20.05	21.5	1
5	QPSK	12	7	20.03	20.11	20.12		
5	QPSK	12	13	20.05	20.03	20.01		
5	QPSK	25	0	20.06	20.16	20.05		
5	16QAM	1	0	20.11	20.19	20.01	21.5	1
5	16QAM	1	12	20.05	20.21	20.03		
5	16QAM	1	24	20.14	20.10	20.02		
5	16QAM	12	0	19.01	19.11	19.08	20.5	2
5	16QAM	12	7	19.09	18.94	19.00		
5	16QAM	12	13	19.00	18.95	18.98		
5	16QAM	25	0	19.04	18.94	18.96		
5	64QAM	1	0	19.06	19.05	18.97	20.5	2
5	64QAM	1	12	18.91	19.06	19.04		
5	64QAM	1	24	19.07	18.99	19.04		
5	64QAM	12	0	18.07	18.07	17.96	19.5	3
5	64QAM	12	7	17.91	18.00	17.92		
5	64QAM	12	13	17.98	18.02	17.94		
5	64QAM	25	0	17.97	17.95	17.92		
5	256QAM	1	0	16.02	16.04	15.83	17.5	5
5	256QAM	1	12	16.05	16.04	15.88		
5	256QAM	1	24	15.93	15.91	15.87		
5	256QAM	12	0	16.08	15.98	15.95	17.5	5
5	256QAM	12	7	15.93	16.02	15.90		
5	256QAM	12	13	15.95	16.04	15.87		
5	256QAM	25	0	15.96	16.06	15.93		

Band 43(FCC)_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.53	21.55	21.53	23	0
20	QPSK	1	49	21.47	21.49	21.47		
20	QPSK	1	99	21.50	21.52	21.52		
20	QPSK	50	0	20.60	20.63	20.61	22	1
20	QPSK	50	24	20.55	20.58	20.56		
20	QPSK	50	50	20.56	20.60	20.60		
20	QPSK	100	0	20.58	20.61	20.60		
20	16QAM	1	0	20.53	20.58	20.55	22	1
20	16QAM	1	49	20.53	20.56	20.55		
20	16QAM	1	99	20.55	20.57	20.58		
20	16QAM	50	0	19.60	19.62	19.61	21	2
20	16QAM	50	24	19.58	19.60	19.56		
20	16QAM	50	50	19.54	19.58	19.58		
20	16QAM	100	0	19.57	19.57	19.56		
20	64QAM	1	0	19.59	19.60	19.60	21	2
20	64QAM	1	49	19.57	19.61	19.54		
20	64QAM	1	99	19.55	19.58	19.57		
20	64QAM	50	0	18.58	18.62	18.61	20	3
20	64QAM	50	24	18.52	18.56	18.55		
20	64QAM	50	50	18.52	18.56	18.55		
20	64QAM	100	0	18.52	18.59	18.56		
20	256QAM	1	0	16.58	16.63	16.60	18	5
20	256QAM	1	49	16.52	16.62	16.57		
20	256QAM	1	99	16.51	16.56	16.59		
20	256QAM	50	0	16.51	16.60	16.54	18	5
20	256QAM	50	24	16.51	16.61	16.53		
20	256QAM	50	50	16.56	16.59	16.57		
20	256QAM	100	0	16.55	16.60	16.55		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.47	21.49	21.51	23	0
15	QPSK	1	37	21.41	21.47	21.42		
15	QPSK	1	74	21.43	21.50	21.49		
15	QPSK	36	0	20.55	20.57	20.60	22	1
15	QPSK	36	20	20.50	20.54	20.54		
15	QPSK	36	39	20.51	20.54	20.56		
15	QPSK	75	0	20.52	20.55	20.56		
15	16QAM	1	0	20.49	20.54	20.48	22	1
15	16QAM	1	37	20.46	20.55	20.53		
15	16QAM	1	74	20.49	20.55	20.57		
15	16QAM	36	0	19.59	19.60	19.55	21	2
15	16QAM	36	20	19.52	19.55	19.50		
15	16QAM	36	39	19.47	19.46	19.46		
15	16QAM	75	0	19.49	19.43	19.44		
15	64QAM	1	0	19.58	19.48	19.50	21	2
15	64QAM	1	37	19.50	19.47	19.39		
15	64QAM	1	74	19.48	19.54	19.48		
15	64QAM	36	0	18.49	18.51	18.53	20	3
15	64QAM	36	20	18.43	18.46	18.51		
15	64QAM	36	39	18.40	18.52	18.40		
15	64QAM	75	0	18.37	18.51	18.54		
15	256QAM	1	0	16.50	16.51	16.45	18	5
15	256QAM	1	37	16.45	16.51	16.50		
15	256QAM	1	74	16.50	16.41	16.46		
15	256QAM	36	0	16.38	16.52	16.50	18	5
15	256QAM	36	20	16.38	16.57	16.51		
15	256QAM	36	39	16.42	16.58	16.44		
15	256QAM	75	0	16.50	16.53	16.43		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.52	21.50	21.49	23	0
10	QPSK	1	25	21.43	21.43	21.40		
10	QPSK	1	49	21.48	21.50	21.47		
10	QPSK	25	0	20.55	20.62	20.59	22	1
10	QPSK	25	12	20.52	20.52	20.54		
10	QPSK	25	25	20.52	20.55	20.57		
10	QPSK	50	0	20.55	20.59	20.53		
10	16QAM	1	0	20.46	20.54	20.51	22	1
10	16QAM	1	25	20.51	20.49	20.49		
10	16QAM	1	49	20.52	20.50	20.52		
10	16QAM	25	0	19.58	19.60	19.55	21	2
10	16QAM	25	12	19.49	19.52	19.50		
10	16QAM	25	25	19.43	19.55	19.56		
10	16QAM	50	0	19.46	19.56	19.42		
10	64QAM	1	0	19.55	19.45	19.58	21	2
10	64QAM	1	25	19.54	19.58	19.53		
10	64QAM	1	49	19.46	19.45	19.55		
10	64QAM	25	0	18.52	18.50	18.53	20	3
10	64QAM	25	12	18.44	18.41	18.53		
10	64QAM	25	25	18.48	18.55	18.41		
10	64QAM	50	0	18.37	18.44	18.47		
10	256QAM	1	0	16.57	16.56	16.52	18	5
10	256QAM	1	25	16.51	16.59	16.48		
10	256QAM	1	49	16.40	16.54	16.50		
10	256QAM	25	0	16.38	16.56	16.50	18	5
10	256QAM	25	12	16.36	16.46	16.51		
10	256QAM	25	25	16.44	16.49	16.49		
10	256QAM	50	0	16.42	16.49	16.49		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.51	21.52	21.49	23	0
5	QPSK	1	12	21.41	21.44	21.42		
5	QPSK	1	24	21.49	21.48	21.48		
5	QPSK	12	0	20.59	20.59	20.55	22	1
5	QPSK	12	7	20.49	20.55	20.49		
5	QPSK	12	13	20.50	20.53	20.58		
5	QPSK	25	0	20.55	20.57	20.53		
5	16QAM	1	0	20.49	20.53	20.48	22	1
5	16QAM	1	12	20.46	20.49	20.52		
5	16QAM	1	24	20.49	20.50	20.51		
5	16QAM	12	0	19.51	19.55	19.58	21	2
5	16QAM	12	7	19.51	19.51	19.55		
5	16QAM	12	13	19.49	19.57	19.50		
5	16QAM	25	0	19.54	19.51	19.42		
5	64QAM	1	0	19.46	19.51	19.57	21	2
5	64QAM	1	12	19.55	19.55	19.53		
5	64QAM	1	24	19.50	19.50	19.48		
5	64QAM	12	0	18.54	18.60	18.48	20	3
5	64QAM	12	7	18.40	18.48	18.41		
5	64QAM	12	13	18.51	18.52	18.54		
5	64QAM	25	0	18.41	18.52	18.45		
5	256QAM	1	0	16.51	16.56	16.52	18	5
5	256QAM	1	12	16.45	16.52	16.48		
5	256QAM	1	24	16.46	16.44	16.57		
5	256QAM	12	0	16.50	16.47	16.39	18	5
5	256QAM	12	7	16.41	16.48	16.49		
5	256QAM	12	13	16.47	16.49	16.52		
5	256QAM	25	0	16.46	16.58	16.45		

Part 96_Band 48_Ant 0(DSI 1)

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	21.32	21.14	21.05	21.26	22.5	0
20	QPSK	1	49	21.31	21.02	20.91	21.21		
20	QPSK	1	99	21.17	21.13	20.97	21.11		
20	QPSK	50	0	21.29	21.11	21.01	21.22	22.5	0
20	QPSK	50	24	21.17	21.09	20.90	21.21		
20	QPSK	50	50	21.28	21.05	20.98	21.08		
20	QPSK	100	0	21.23	21.04	21.05	21.22		
20	16QAM	1	0	21.29	20.96	20.97	21.21	22.5	0
20	16QAM	1	49	21.18	21.02	20.98	21.10		
20	16QAM	1	99	21.11	21.06	20.89	21.16		
20	16QAM	50	0	20.24	19.98	19.88	20.21	21.5	1
20	16QAM	50	24	20.21	20.10	19.93	20.15		
20	16QAM	50	50	20.24	20.11	19.92	20.05		
20	16QAM	100	0	20.21	19.99	19.93	20.16		
20	64QAM	1	0	20.13	20.03	20.01	20.18	21.5	1
20	64QAM	1	49	20.29	19.99	19.97	20.18		
20	64QAM	1	99	20.17	20.09	19.94	20.20		
20	64QAM	50	0	19.18	19.03	19.02	19.08	20.5	2
20	64QAM	50	24	19.28	19.10	18.86	19.19		
20	64QAM	50	50	19.13	18.97	18.90	19.12		
20	64QAM	100	0	19.24	18.99	18.89	19.12		
20	256QAM	1	0	17.11	17.01	16.87	17.17	18.5	4
20	256QAM	1	49	17.13	17.07	16.97	17.10		
20	256QAM	1	99	17.16	16.95	17.03	17.19		
20	256QAM	50	0	17.18	17.07	16.94	17.13	18.5	4
20	256QAM	50	24	17.21	17.01	16.83	17.10		
20	256QAM	50	50	17.21	16.98	16.91	17.15		
20	256QAM	100	0	17.25	16.87	16.88	17.12		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.23	21.03	20.94	21.23	22.5	0
15	QPSK	1	37	21.19	21.00	20.90	21.13		
15	QPSK	1	74	21.17	21.11	20.91	21.17		
15	QPSK	36	0	21.20	21.02	21.03	21.24	22.5	0
15	QPSK	36	20	21.22	21.04	20.95	21.10		
15	QPSK	36	39	21.26	20.95	20.93	21.16		
15	QPSK	75	0	21.22	20.99	20.97	21.15		
15	16QAM	1	0	21.16	21.04	20.86	21.21	22.5	0
15	16QAM	1	37	21.22	21.04	20.98	21.21		
15	16QAM	1	74	21.20	20.95	20.95	21.15		
15	16QAM	36	0	20.30	20.04	20.00	20.13	21.5	1
15	16QAM	36	20	20.26	20.09	19.95	20.20		
15	16QAM	36	39	20.27	20.09	19.86	20.14		
15	16QAM	75	0	20.26	20.04	20.01	20.20		
15	64QAM	1	0	20.25	20.07	20.00	20.10	21.5	1
15	64QAM	1	37	20.28	20.04	19.92	20.12		
15	64QAM	1	74	20.25	19.98	20.01	20.08		
15	64QAM	36	0	19.19	18.98	18.97	19.15	20.5	2
15	64QAM	36	20	19.25	19.10	18.95	19.19		
15	64QAM	36	39	19.20	19.07	18.94	19.17		
15	64QAM	75	0	19.24	19.01	18.97	19.09		
15	256QAM	1	0	17.11	17.12	16.89	17.04	18.5	4
15	256QAM	1	37	17.18	17.06	17.02	17.14		
15	256QAM	1	74	17.26	16.99	16.97	17.06		
15	256QAM	36	0	17.12	17.07	16.94	17.18	18.5	4
15	256QAM	36	20	17.30	17.02	16.89	17.12		
15	256QAM	36	39	17.27	16.98	17.03	17.03		
15	256QAM	75	0	17.26	16.89	17.00	17.07		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.28	21.13	21.04	21.19	22.5	0
10	QPSK	1	25	21.27	21.05	20.92	21.24		
10	QPSK	1	49	21.19	21.13	20.94	21.12		
10	QPSK	25	0	21.22	21.12	20.99	21.13	22.5	0
10	QPSK	25	12	21.23	21.02	20.90	21.16		
10	QPSK	25	25	21.19	21.09	20.91	21.05		
10	QPSK	50	0	21.18	21.06	21.00	21.11		
10	16QAM	1	0	21.21	21.05	20.92	21.21	22.5	0
10	16QAM	1	25	21.28	20.96	20.92	21.15		
10	16QAM	1	49	21.25	21.05	21.00	21.21		
10	16QAM	25	0	20.25	20.01	19.89	20.11	21.5	1
10	16QAM	25	12	20.18	20.04	19.91	20.11		
10	16QAM	25	25	20.23	20.09	19.97	20.10		
10	16QAM	50	0	20.17	19.99	19.95	20.15		
10	64QAM	1	0	20.21	19.98	19.97	20.19	21.5	1
10	64QAM	1	25	20.16	20.08	20.01	20.14		
10	64QAM	1	49	20.29	19.97	19.92	20.09		
10	64QAM	25	0	19.17	19.03	18.97	19.07	20.5	2
10	64QAM	25	12	19.27	19.12	18.91	19.12		
10	64QAM	25	25	19.24	19.06	18.98	19.10		
10	64QAM	50	0	19.18	18.99	18.93	19.12		
10	256QAM	1	0	17.21	17.05	16.92	17.09	18.5	4
10	256QAM	1	25	17.12	17.11	16.91	17.11		
10	256QAM	1	49	17.17	16.92	17.04	17.11		
10	256QAM	25	0	17.14	16.99	17.00	17.11	18.5	4
10	256QAM	25	12	17.20	17.02	16.83	17.05		
10	256QAM	25	25	17.16	17.10	16.90	17.14		
10	256QAM	50	0	17.27	16.93	16.96	17.12		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.21	21.13	20.98	21.27	22.5	0
5	QPSK	1	12	21.26	20.98	20.94	21.22		
5	QPSK	1	24	21.29	21.13	20.95	21.21		
5	QPSK	12	0	21.27	21.00	20.93	21.26	22.5	0
5	QPSK	12	7	21.28	21.11	20.99	21.16		
5	QPSK	12	13	21.23	21.05	20.88	21.11		
5	QPSK	25	0	21.19	21.08	21.04	21.12		
5	16QAM	1	0	21.26	21.03	20.95	21.12	22.5	0
5	16QAM	1	12	21.20	20.95	20.97	21.14		
5	16QAM	1	24	21.23	21.01	20.93	21.24		
5	16QAM	12	0	20.23	19.94	19.97	20.23	21.5	1
5	16QAM	12	7	20.23	19.96	19.98	20.15		
5	16QAM	12	13	20.20	20.00	19.89	20.06		
5	16QAM	25	0	20.17	19.99	19.91	20.20		
5	64QAM	1	0	20.25	20.05	19.96	20.12	21.5	1
5	64QAM	1	12	20.20	20.06	20.01	20.10		
5	64QAM	1	24	20.21	20.08	19.96	20.22		
5	64QAM	12	0	19.14	19.11	18.97	19.06	20.5	2
5	64QAM	12	7	19.22	18.99	18.86	19.22		
5	64QAM	12	13	19.15	19.01	19.00	19.09		
5	64QAM	25	0	19.29	19.01	18.89	19.14		
5	256QAM	1	0	17.10	17.07	16.95	17.09	18.5	4
5	256QAM	1	12	17.22	17.08	16.92	17.17		
5	256QAM	1	24	17.18	16.96	16.92	17.13		
5	256QAM	12	0	17.18	17.04	17.02	17.11	18.5	4
5	256QAM	12	7	17.22	17.07	16.80	17.15		
5	256QAM	12	13	17.15	17.02	17.02	17.16		
5	256QAM	25	0	17.14	16.99	16.97	17.03		

Part 96_Band 48_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.15	21.55	21.70	21.43	23	0
20	QPSK	1	49	21.12	21.52	21.65	21.37		
20	QPSK	1	99	21.13	21.51	21.52	21.25		
20	QPSK	50	0	20.15	20.63	20.65	20.45	22	1
20	QPSK	50	24	20.04	20.62	20.60	20.40		
20	QPSK	50	50	20.14	20.59	20.58	20.35		
20	QPSK	100	0	20.08	20.58	20.60	20.41		
20	16QAM	1	0	20.47	20.46	20.57	20.53	22	1
20	16QAM	1	49	20.54	20.58	20.65	20.63		
20	16QAM	1	99	20.45	20.52	20.56	20.51		
20	16QAM	50	0	19.47	19.55	19.58	19.53	21	2
20	16QAM	50	24	19.61	19.59	19.66	19.56		
20	16QAM	50	50	19.51	19.55	19.59	19.52		
20	16QAM	100	0	19.56	19.55	19.62	19.59		
20	64QAM	1	0	19.66	19.64	19.68	19.59	21	2
20	64QAM	1	49	19.65	19.62	19.67	19.60		
20	64QAM	1	99	19.60	19.55	19.65	19.57		
20	64QAM	50	0	18.67	18.64	18.69	18.67	20	3
20	64QAM	50	24	18.56	18.58	18.65	18.61		
20	64QAM	50	50	18.52	18.61	18.63	18.53		
20	64QAM	100	0	18.57	18.55	18.61	18.51		
20	256QAM	1	0	16.50	16.51	16.54	16.50	18	5
20	256QAM	1	49	16.51	16.46	16.55	16.48		
20	256QAM	1	99	16.45	16.43	16.51	16.46		
20	256QAM	50	0	16.47	16.50	16.53	16.49	18	5
20	256QAM	50	24	16.45	16.39	16.50	16.47		
20	256QAM	50	50	16.48	16.47	16.53	16.42		
20	256QAM	100	0	16.48	16.40	16.51	16.41		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.05	21.45	21.60	21.33	23	0
15	QPSK	1	37	21.11	21.42	21.55	21.27		
15	QPSK	1	74	21.03	21.41	21.42	21.15		
15	QPSK	36	0	20.05	20.55	20.55	20.35	22	1
15	QPSK	36	20	20.03	20.52	20.50	20.30		
15	QPSK	36	39	20.04	20.49	20.48	20.25		
15	QPSK	75	0	20.02	20.48	20.50	20.31		
15	16QAM	1	0	20.37	20.36	20.47	20.43	22	1
15	16QAM	1	37	20.44	20.48	20.55	20.53		
15	16QAM	1	74	20.35	20.42	20.46	20.41		
15	16QAM	36	0	19.37	19.45	19.48	19.43	21	2
15	16QAM	36	20	19.51	19.49	19.56	19.46		
15	16QAM	36	39	19.41	19.45	19.49	19.42		
15	16QAM	75	0	19.46	19.45	19.52	19.49		
15	64QAM	1	0	19.56	19.54	19.58	19.49	21	2
15	64QAM	1	37	19.55	19.52	19.57	19.50		
15	64QAM	1	74	19.50	19.45	19.55	19.47		
15	64QAM	36	0	18.57	18.54	18.59	18.57	20	3
15	64QAM	36	20	18.46	18.48	18.55	18.51		
15	64QAM	36	39	18.42	18.51	18.53	18.43		
15	64QAM	75	0	18.47	18.45	18.51	18.41		
15	256QAM	1	0	16.40	16.41	16.44	16.40	18	5
15	256QAM	1	37	16.41	16.36	16.45	16.38		
15	256QAM	1	74	16.35	16.33	16.41	16.36		
15	256QAM	36	0	16.37	16.40	16.43	16.39	18	5
15	256QAM	36	20	16.35	16.29	16.40	16.37		
15	256QAM	36	39	16.38	16.37	16.43	16.32		
15	256QAM	75	0	16.38	16.30	16.41	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.13	21.53	21.68	21.41	23	0
10	QPSK	1	25	21.11	21.50	21.63	21.35		
10	QPSK	1	49	21.11	21.49	21.50	21.23		
10	QPSK	25	0	20.13	20.63	20.63	20.43	22	1
10	QPSK	25	12	20.02	20.60	20.58	20.38		
10	QPSK	25	25	20.12	20.57	20.56	20.33		
10	QPSK	50	0	20.06	20.56	20.58	20.39		
10	16QAM	1	0	20.45	20.44	20.55	20.51	22	1
10	16QAM	1	25	20.52	20.56	20.63	20.61		
10	16QAM	1	49	20.43	20.50	20.54	20.49		
10	16QAM	25	0	19.45	19.53	19.56	19.51	21	2
10	16QAM	25	12	19.59	19.57	19.64	19.54		
10	16QAM	25	25	19.49	19.53	19.57	19.50		
10	16QAM	50	0	19.54	19.53	19.60	19.57		
10	64QAM	1	0	19.64	19.62	19.66	19.57	21	2
10	64QAM	1	25	19.63	19.60	19.65	19.58		
10	64QAM	1	49	19.58	19.53	19.63	19.55		
10	64QAM	25	0	18.65	18.62	18.67	18.65	20	3
10	64QAM	25	12	18.54	18.56	18.63	18.59		
10	64QAM	25	25	18.50	18.59	18.61	18.51		
10	64QAM	50	0	18.55	18.53	18.59	18.49		
10	256QAM	1	0	16.48	16.49	16.52	16.48	18	5
10	256QAM	1	25	16.49	16.44	16.53	16.46		
10	256QAM	1	49	16.43	16.41	16.49	16.44		
10	256QAM	25	0	16.45	16.48	16.51	16.47	18	5
10	256QAM	25	12	16.43	16.37	16.48	16.45		
10	256QAM	25	25	16.46	16.45	16.51	16.40		
10	256QAM	50	0	16.46	16.38	16.49	16.39		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.11	21.51	21.66	21.39	23	0
5	QPSK	1	12	21.08	21.48	21.61	21.33		
5	QPSK	1	24	21.09	21.47	21.48	21.21		
5	QPSK	12	0	20.11	20.61	20.61	20.41	22	1
5	QPSK	12	7	20.00	20.58	20.56	20.36		
5	QPSK	12	13	20.10	20.55	20.54	20.31		
5	QPSK	25	0	20.04	20.54	20.56	20.37		
5	16QAM	1	0	20.43	20.42	20.53	20.49	22	1
5	16QAM	1	12	20.50	20.54	20.61	20.59		
5	16QAM	1	24	20.41	20.48	20.52	20.47		
5	16QAM	12	0	19.43	19.51	19.54	19.49	21	2
5	16QAM	12	7	19.57	19.55	19.62	19.52		
5	16QAM	12	13	19.47	19.51	19.55	19.48		
5	16QAM	25	0	19.52	19.51	19.58	19.55		
5	64QAM	1	0	19.62	19.60	19.64	19.55	21	2
5	64QAM	1	12	19.61	19.58	19.63	19.56		
5	64QAM	1	24	19.56	19.51	19.61	19.53		
5	64QAM	12	0	18.63	18.60	18.65	18.63	20	3
5	64QAM	12	7	18.52	18.54	18.61	18.57		
5	64QAM	12	13	18.48	18.57	18.59	18.49		
5	64QAM	25	0	18.53	18.51	18.57	18.47		
5	256QAM	1	0	16.46	16.47	16.50	16.46	18	5
5	256QAM	1	12	16.47	16.42	16.51	16.44		
5	256QAM	1	24	16.41	16.39	16.47	16.42		
5	256QAM	12	0	16.43	16.46	16.49	16.45	18	5
5	256QAM	12	7	16.41	16.35	16.46	16.43		
5	256QAM	12	13	16.44	16.43	16.49	16.38		
5	256QAM	25	0	16.44	16.36	16.47	16.37		

Reduced Power Mode for Sensor On_Simultaneous

Band		WCDMA II_Ant 0(DSI 6/8/9/12)			Tune-up Limit (dBm)	WCDMA IV_Ant 0(DSI 6/8/9/12)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	22.39	22.49	22.43	**23.00**	22.07	22.11	22.07	**22.50**
3GPP Rel 6	HSDPA Subtest-1	22.39	22.34	22.19	**23.00**	21.09	21.06	20.97	**21.50**
3GPP Rel 6	HSDPA Subtest-2	22.41	22.34	22.16	**23.00**	21.08	21.08	20.93	**21.50**
3GPP Rel 6	HSDPA Subtest-3	21.92	21.84	21.68	**22.50**	20.57	20.59	20.49	**21.00**
3GPP Rel 6	HSDPA Subtest-4	21.93	21.84	21.66	**22.50**	20.59	20.48	20.47	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.37	22.26	22.13	**23.00**	21.07	21.03	20.94	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.28	22.21	22.09	**23.00**	21.03	20.95	20.90	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-3	21.79	21.73	21.53	**22.50**	20.54	20.45	20.40	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.87	21.79	21.59	**22.50**	20.55	20.38	20.42	**21.00**
3GPP Rel 6	HSUPA Subtest-1	21.97	22.10	22.11	**23.00**	21.03	21.08	20.99	**21.50**
3GPP Rel 6	HSUPA Subtest-2	19.96	20.08	20.10	**21.00**	19.04	19.09	18.96	**19.50**
3GPP Rel 6	HSUPA Subtest-3	20.93	21.05	21.08	**22.00**	20.01	20.05	20.03	**20.50**
3GPP Rel 6	HSUPA Subtest-4	19.88	20.07	20.05	**21.00**	19.04	19.09	18.96	**19.50**
3GPP Rel 6	HSUPA Subtest-5	21.90	22.10	22.10	**23.00**	21.10	21.10	21.10	**21.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.99	20.00	20.00	**20.50**	18.79	18.81	18.84	**19.00**

Band		WCDMA V_Ant 0(DSI 6/8/9/12)			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	23.37	23.40	23.39	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.45	22.47	22.41	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.49	22.50	22.46	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.97	21.98	21.93	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.96	21.95	21.92	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.43	22.42	22.38	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.43	22.44	22.41	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	21.93	21.88	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.95	21.94	21.85	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.37	22.31	22.32	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.38	20.33	20.33	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.34	21.35	21.32	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.34	20.33	20.34	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.30	22.30	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.21	20.18	20.15	**20.50**

Band 2_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	22.25	22.35	22.30	23	0
20	QPSK	1	49	22.22	22.23	22.30		
20	QPSK	1	99	22.13	22.27	22.16		
20	QPSK	50	0	21.37	21.41	21.31	22	1
20	QPSK	50	24	21.19	21.20	21.14		
20	QPSK	50	50	21.27	21.26	21.24		
20	QPSK	100	0	21.26	21.38	21.30		
20	16QAM	1	0	21.60	21.65	21.66	22	1
20	16QAM	1	49	21.52	21.60	21.56		
20	16QAM	1	99	21.44	21.59	21.58		
20	16QAM	50	0	20.17	20.27	20.32	21	2
20	16QAM	50	24	20.26	20.33	20.40		
20	16QAM	50	50	20.27	20.32	20.17		
20	16QAM	100	0	20.17	20.40	20.29		
20	64QAM	1	0	21.40	21.50	21.43	22	1
20	64QAM	1	49	21.32	21.50	21.42		
20	64QAM	1	99	21.32	21.32	21.30		
20	64QAM	50	0	20.13	20.27	20.17	21	2
20	64QAM	50	24	20.35	20.28	20.29		
20	64QAM	50	50	20.17	20.32	20.17		
20	64QAM	100	0	20.21	20.33	20.24		
20	256QAM	1	0	17.05	17.10	17.07	18	5
20	256QAM	1	49	17.00	17.06	16.96		
20	256QAM	1	99	17.04	16.95	16.95		
20	256QAM	50	0	16.99	16.96	16.93	18	5
20	256QAM	50	24	16.93	17.02	16.99		
20	256QAM	50	50	17.04	16.94	17.04		
20	256QAM	100	0	17.02	17.02	17.06		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.17	22.28	22.30	23	0
15	QPSK	1	37	22.13	22.10	22.23		
15	QPSK	1	74	22.07	22.21	22.06		
15	QPSK	36	0	21.06	21.17	21.09	22	1
15	QPSK	36	20	21.26	21.37	21.28		
15	QPSK	36	39	21.22	21.15	21.13		
15	QPSK	75	0	21.16	21.27	21.21		
15	16QAM	1	0	21.57	21.56	21.52	22	1
15	16QAM	1	37	21.42	21.52	21.50		
15	16QAM	1	74	21.39	21.49	21.54		
15	16QAM	36	0	20.16	20.17	20.17	21	2
15	16QAM	36	20	20.23	20.23	20.39		
15	16QAM	36	39	20.23	20.27	20.03		
15	16QAM	75	0	20.13	20.35	20.21		
15	64QAM	1	0	21.35	21.45	21.30	22	1
15	64QAM	1	37	21.30	21.38	21.28		
15	64QAM	1	74	21.27	21.29	21.21		
15	64QAM	36	0	20.00	20.12	20.04	21	2
15	64QAM	36	20	20.26	20.24	20.27		
15	64QAM	36	39	20.06	20.18	20.14		
15	64QAM	75	0	20.12	20.31	20.23		
15	256QAM	1	0	17.03	17.01	17.04	18	5
15	256QAM	1	37	16.90	17.05	16.88		
15	256QAM	1	74	16.89	16.94	16.94		
15	256QAM	36	0	16.96	16.82	16.80	18	5
15	256QAM	36	20	16.82	16.90	16.93		
15	256QAM	36	39	16.92	16.79	17.00		
15	256QAM	75	0	17.01	16.95	16.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.12	22.18	22.28	23	0
10	QPSK	1	25	22.16	22.16	22.25		
10	QPSK	1	49	22.01	22.24	22.07		
10	QPSK	25	0	21.07	21.10	21.06	22	1
10	QPSK	25	12	21.32	21.37	21.20		
10	QPSK	25	25	21.12	21.12	21.14		
10	QPSK	50	0	21.21	21.23	21.15		
10	16QAM	1	0	21.50	21.54	21.55	22	1
10	16QAM	1	25	21.45	21.48	21.47		
10	16QAM	1	49	21.30	21.58	21.46		
10	16QAM	25	0	20.07	20.19	20.18	21	2
10	16QAM	25	12	20.13	20.18	20.29		
10	16QAM	25	25	20.14	20.28	20.14		
10	16QAM	50	0	20.06	20.31	20.21		
10	64QAM	1	0	21.38	21.39	21.30	22	1
10	64QAM	1	25	21.24	21.41	21.34		
10	64QAM	1	49	21.25	21.17	21.17		
10	64QAM	25	0	19.98	20.13	20.15	21	2
10	64QAM	25	12	20.22	20.18	20.21		
10	64QAM	25	25	20.16	20.24	20.16		
10	64QAM	50	0	20.12	20.19	20.14		
10	256QAM	1	0	16.91	17.06	16.99	18	5
10	256QAM	1	25	16.98	16.95	16.82		
10	256QAM	1	49	16.90	16.82	16.92		
10	256QAM	25	0	16.95	16.93	16.90	18	5
10	256QAM	25	12	16.80	16.88	16.95		
10	256QAM	25	25	16.89	16.81	16.98		
10	256QAM	50	0	16.88	17.00	16.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.12	22.26	22.25	23	0
5	QPSK	1	12	22.08	22.09	22.21		
5	QPSK	1	24	22.02	22.21	22.01		
5	QPSK	12	0	21.10	21.12	21.02	22	1
5	QPSK	12	7	21.25	21.40	21.16		
5	QPSK	12	13	21.20	21.25	21.19		
5	QPSK	25	0	21.18	21.35	21.15		
5	16QAM	1	0	21.51	21.57	21.60	22	1
5	16QAM	1	12	21.37	21.53	21.54		
5	16QAM	1	24	21.34	21.46	21.54		
5	16QAM	12	0	20.12	20.24	20.23	21	2
5	16QAM	12	7	20.22	20.30	20.34		
5	16QAM	12	13	20.13	20.19	20.02		
5	16QAM	25	0	20.14	20.36	20.27		
5	64QAM	1	0	21.27	21.47	21.34	22	1
5	64QAM	1	12	21.21	21.41	21.28		
5	64QAM	1	24	21.21	21.21	21.15		
5	64QAM	12	0	20.00	20.12	20.11	21	2
5	64QAM	12	7	20.22	20.18	20.24		
5	64QAM	12	13	20.04	20.30	20.14		
5	64QAM	25	0	20.15	20.22	20.13		
5	256QAM	1	0	16.95	17.01	17.03	18	5
5	256QAM	1	12	16.92	17.01	16.95		
5	256QAM	1	24	16.90	16.92	16.80		
5	256QAM	12	0	16.96	16.85	16.90	18	5
5	256QAM	12	7	16.88	16.92	16.95		
5	256QAM	12	13	17.00	16.80	17.03		
5	256QAM	25	0	16.94	17.00	17.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.13	22.29	22.33	23	0
3	QPSK	1	8	22.08	22.19	22.28		
3	QPSK	1	14	22.12	22.26	22.08		
3	QPSK	8	0	21.14	21.09	21.04	22	1
3	QPSK	8	4	21.32	21.31	21.30		
3	QPSK	8	7	21.21	21.25	21.21		
3	QPSK	15	0	21.23	21.28	21.15		
3	16QAM	1	0	21.57	21.54	21.62	22	1
3	16QAM	1	8	21.48	21.53	21.46		
3	16QAM	1	14	21.31	21.52	21.48		
3	16QAM	8	0	20.09	20.20	20.18	21	2
3	16QAM	8	4	20.16	20.20	20.26		
3	16QAM	8	7	20.16	20.31	20.11		
3	16QAM	15	0	20.13	20.37	20.17		
3	64QAM	1	0	21.27	21.47	21.37	22	1
3	64QAM	1	8	21.25	21.35	21.35		
3	64QAM	1	14	21.17	21.31	21.22		
3	64QAM	8	0	20.05	20.23	20.03	21	2
3	64QAM	8	4	20.33	20.22	20.26		
3	64QAM	8	7	20.16	20.17	20.11		
3	64QAM	15	0	20.12	20.19	20.22		
3	256QAM	1	0	17.04	16.99	17.01	18	5
3	256QAM	1	8	16.94	17.03	16.81		
3	256QAM	1	14	16.90	16.80	16.82		
3	256QAM	8	0	16.84	16.95	16.82	18	5
3	256QAM	8	4	16.81	16.89	16.87		
3	256QAM	8	7	16.93	16.93	16.99		
3	256QAM	15	0	16.97	16.91	17.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.20	22.21	22.26	23	0
1.4	QPSK	1	3	22.19	22.08	22.19		
1.4	QPSK	1	5	22.05	22.22	22.11		
1.4	QPSK	3	0	22.09	22.19	22.13		
1.4	QPSK	3	1	22.07	21.95	22.11		
1.4	QPSK	3	3	21.99	22.18	22.05		
1.4	QPSK	6	0	21.25	21.29	21.16	22	1
1.4	16QAM	1	0	21.47	21.57	21.61	22	1
1.4	16QAM	1	3	21.45	21.53	21.47		
1.4	16QAM	1	5	21.38	21.49	21.43		
1.4	16QAM	3	0	21.33	21.51	21.59		
1.4	16QAM	3	1	21.40	21.38	21.39		
1.4	16QAM	3	3	21.37	21.48	21.28		
1.4	16QAM	6	0	20.06	20.26	20.23	21	2
1.4	64QAM	1	0	21.32	21.43	21.42	22	1
1.4	64QAM	1	3	21.19	21.46	21.41		
1.4	64QAM	1	5	21.18	21.30	21.19		
1.4	64QAM	3	0	21.24	21.33	21.30		
1.4	64QAM	3	1	21.05	21.45	21.30		
1.4	64QAM	3	3	21.04	21.24	21.06		
1.4	64QAM	6	0	20.13	20.32	20.19	21	2
1.4	256QAM	1	0	16.97	17.03	17.02	18	5
1.4	256QAM	1	3	16.92	16.97	16.87		
1.4	256QAM	1	5	16.97	16.87	16.81		
1.4	256QAM	3	0	16.88	16.84	16.82		
1.4	256QAM	3	1	16.83	16.96	16.94		
1.4	256QAM	3	3	16.95	16.85	16.91		
1.4	256QAM	6	0	16.99	16.89	17.02	18	5

Band 2_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.56	21.63	21.55	22.5	0
20	QPSK	1	49	21.50	21.57	21.53		
20	QPSK	1	99	21.49	21.58	21.48		
20	QPSK	50	0	20.95	20.98	20.93	21.5	1
20	QPSK	50	24	20.91	20.97	20.92		
20	QPSK	50	50	20.92	20.92	20.89		
20	QPSK	100	0	20.93	20.95	20.91		
20	16QAM	1	0	21.03	21.05	21.02	21.5	1
20	16QAM	1	49	20.89	20.91	20.90		
20	16QAM	1	99	20.92	20.91	20.91		
20	16QAM	50	0	19.90	19.92	19.89	20.5	2
20	16QAM	50	24	19.86	19.87	19.85		
20	16QAM	50	50	19.88	19.85	19.85		
20	16QAM	100	0	19.90	19.91	19.89		
20	64QAM	1	0	19.91	19.93	19.90	20.5	2
20	64QAM	1	49	19.86	19.89	19.86		
20	64QAM	1	99	19.84	19.91	19.83		
20	64QAM	50	0	18.90	18.91	18.89	19.5	3
20	64QAM	50	24	18.83	18.87	18.86		
20	64QAM	50	50	18.84	18.88	18.83		
20	64QAM	100	0	18.87	18.89	18.85		
20	256QAM	1	0	16.93	16.95	16.92	17.5	5
20	256QAM	1	49	16.90	16.90	16.89		
20	256QAM	1	99	16.88	16.91	16.89		
20	256QAM	50	0	16.92	16.95	16.90	17.5	5
20	256QAM	50	24	16.86	16.93	16.91		
20	256QAM	50	50	16.91	16.92	16.88		
20	256QAM	100	0	16.91	16.93	16.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.53	21.61	21.52	22.5	0
15	QPSK	1	37	21.46	21.54	21.52		
15	QPSK	1	74	21.44	21.51	21.45		
15	QPSK	36	0	20.94	20.94	20.92	21.5	1
15	QPSK	36	20	20.90	20.91	20.89		
15	QPSK	36	39	20.89	20.91	20.82		
15	QPSK	75	0	20.87	20.92	20.90		
15	16QAM	1	0	20.96	20.99	21.01	21.5	1
15	16QAM	1	37	20.84	20.90	20.88		
15	16QAM	1	74	20.86	20.86	20.90		
15	16QAM	36	0	19.89	19.90	19.85	20.5	2
15	16QAM	36	20	19.78	19.79	19.84		
15	16QAM	36	39	19.87	19.78	19.75		
15	16QAM	75	0	19.76	19.78	19.81		
15	64QAM	1	0	19.82	19.92	19.89	20.5	2
15	64QAM	1	37	19.74	19.78	19.85		
15	64QAM	1	74	19.82	19.89	19.68		
15	64QAM	36	0	18.85	18.78	18.80	19.5	3
15	64QAM	36	20	18.68	18.81	18.83		
15	64QAM	36	39	18.71	18.79	18.70		
15	64QAM	75	0	18.75	18.82	18.80		
15	256QAM	1	0	16.78	16.87	16.88	17.5	5
15	256QAM	1	37	16.87	16.80	16.83		
15	256QAM	1	74	16.74	16.90	16.80		
15	256QAM	36	0	16.88	16.85	16.80	17.5	5
15	256QAM	36	20	16.85	16.85	16.82		
15	256QAM	36	39	16.77	16.77	16.86		
15	256QAM	75	0	16.89	16.89	16.82		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.51	21.56	21.54	22.5	0
10	QPSK	1	25	21.44	21.52	21.47		
10	QPSK	1	49	21.44	21.56	21.46		
10	QPSK	25	0	20.92	20.95	20.89	21.5	1
10	QPSK	25	12	20.90	20.94	20.90		
10	QPSK	25	25	20.86	20.91	20.84		
10	QPSK	50	0	20.86	20.92	20.87		
10	16QAM	1	0	21.00	21.02	20.98	21.5	1
10	16QAM	1	25	20.87	20.84	20.87		
10	16QAM	1	49	20.83	20.88	20.90		
10	16QAM	25	0	19.82	19.85	19.88	20.5	2
10	16QAM	25	12	19.82	19.79	19.82		
10	16QAM	25	25	19.84	19.70	19.78		
10	16QAM	50	0	19.82	19.80	19.78		
10	64QAM	1	0	19.90	19.85	19.75	20.5	2
10	64QAM	1	25	19.74	19.77	19.80		
10	64QAM	1	49	19.73	19.79	19.77		
10	64QAM	25	0	18.88	18.82	18.87	19.5	3
10	64QAM	25	12	18.76	18.85	18.80		
10	64QAM	25	25	18.73	18.82	18.75		
10	64QAM	50	0	18.78	18.85	18.77		
10	256QAM	1	0	16.91	16.84	16.85	17.5	5
10	256QAM	1	25	16.88	16.89	16.83		
10	256QAM	1	49	16.75	16.76	16.84		
10	256QAM	25	0	16.83	16.82	16.77	17.5	5
10	256QAM	25	12	16.85	16.85	16.89		
10	256QAM	25	25	16.83	16.85	16.75		
10	256QAM	50	0	16.84	16.82	16.85		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.51	21.61	21.53	22.5	0
5	QPSK	1	12	21.49	21.56	21.49		
5	QPSK	1	24	21.45	21.55	21.46		
5	QPSK	12	0	20.90	20.97	20.89	21.5	1
5	QPSK	12	7	20.89	20.90	20.90		
5	QPSK	12	13	20.89	20.91	20.87		
5	QPSK	25	0	20.92	20.88	20.88		
5	16QAM	1	0	20.99	21.00	20.98	21.5	1
5	16QAM	1	12	20.86	20.89	20.83		
5	16QAM	1	24	20.84	20.89	20.83		
5	16QAM	12	0	19.86	19.86	19.86	20.5	2
5	16QAM	12	7	19.77	19.81	19.83		
5	16QAM	12	13	19.77	19.72	19.76		
5	16QAM	25	0	19.75	19.81	19.76		
5	64QAM	1	0	19.87	19.86	19.83	20.5	2
5	64QAM	1	12	19.84	19.88	19.74		
5	64QAM	1	24	19.77	19.90	19.70		
5	64QAM	12	0	18.77	18.79	18.80	19.5	3
5	64QAM	12	7	18.70	18.76	18.85		
5	64QAM	12	13	18.83	18.82	18.71		
5	64QAM	25	0	18.76	18.80	18.79		
5	256QAM	1	0	16.89	16.83	16.78	17.5	5
5	256QAM	1	12	16.75	16.82	16.78		
5	256QAM	1	24	16.86	16.89	16.85		
5	256QAM	12	0	16.78	16.92	16.80	17.5	5
5	256QAM	12	7	16.77	16.87	16.87		
5	256QAM	12	13	16.80	16.78	16.78		
5	256QAM	25	0	16.88	16.81	16.85		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.49	21.61	21.49	22.5	0
3	QPSK	1	8	21.44	21.55	21.47		
3	QPSK	1	14	21.48	21.56	21.44		
3	QPSK	8	0	20.91	20.92	20.89	21.5	1
3	QPSK	8	4	20.84	20.90	20.86		
3	QPSK	8	7	20.85	20.89	20.85		
3	QPSK	15	0	20.90	20.92	20.89		
3	16QAM	1	0	20.97	21.01	20.95	21.5	1
3	16QAM	1	8	20.85	20.86	20.89		
3	16QAM	1	14	20.89	20.85	20.87		
3	16QAM	8	0	19.88	19.83	19.86	20.5	2
3	16QAM	8	4	19.83	19.84	19.81		
3	16QAM	8	7	19.73	19.81	19.80		
3	16QAM	15	0	19.89	19.77	19.86		
3	64QAM	1	0	19.86	19.91	19.83	20.5	2
3	64QAM	1	8	19.80	19.83	19.78		
3	64QAM	1	14	19.74	19.85	19.81		
3	64QAM	8	0	18.78	18.76	18.76	19.5	3
3	64QAM	8	4	18.68	18.81	18.72		
3	64QAM	8	7	18.69	18.75	18.74		
3	64QAM	15	0	18.84	18.87	18.72		
3	256QAM	1	0	16.90	16.94	16.79	17.5	5
3	256QAM	1	8	16.79	16.75	16.79		
3	256QAM	1	14	16.82	16.82	16.75		
3	256QAM	8	0	16.87	16.82	16.75	17.5	5
3	256QAM	8	4	16.71	16.86	16.85		
3	256QAM	8	7	16.90	16.79	16.83		
3	256QAM	15	0	16.83	16.89	16.84		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.55	21.58	21.51	22.5	0
1.4	QPSK	1	3	21.44	21.56	21.52		
1.4	QPSK	1	5	21.46	21.57	21.44		
1.4	QPSK	3	0	21.50	21.59	21.49		
1.4	QPSK	3	1	21.49	21.51	21.51		
1.4	QPSK	3	3	21.44	21.52	21.45		
1.4	QPSK	6	0	20.93	20.96	20.90	21.5	1
1.4	16QAM	1	0	20.88	20.92	20.88	21.5	1
1.4	16QAM	1	3	20.90	20.86	20.84		
1.4	16QAM	1	5	20.88	20.92	20.85		
1.4	16QAM	3	0	21.00	21.04	20.95		
1.4	16QAM	3	1	20.86	20.88	20.88		
1.4	16QAM	3	3	20.86	20.89	20.90		
1.4	16QAM	6	0	19.82	19.85	19.84	20.5	2
1.4	64QAM	1	0	19.85	19.79	19.78	20.5	2
1.4	64QAM	1	3	19.84	19.81	19.70		
1.4	64QAM	1	5	19.82	19.78	19.80		
1.4	64QAM	3	0	19.78	19.83	19.86		
1.4	64QAM	3	1	19.76	19.81	19.85		
1.4	64QAM	3	3	19.70	19.78	19.79		
1.4	64QAM	6	0	18.80	18.82	18.80	19.5	3
1.4	256QAM	1	0	16.84	16.89	16.85	17.5	5
1.4	256QAM	1	3	16.88	16.79	16.75		
1.4	256QAM	1	5	16.81	16.80	16.87		
1.4	256QAM	3	0	16.77	16.81	16.85		
1.4	256QAM	3	1	16.84	16.79	16.88		
1.4	256QAM	3	3	16.82	16.82	16.74		
1.4	256QAM	6	0	16.90	16.85	16.77	17.5	5

Band 4_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.87	21.90	21.89	22.5	0
20	QPSK	1	49	21.70	21.81	21.69		
20	QPSK	1	99	21.54	21.56	21.51		
20	QPSK	50	0	20.80	20.87	20.85	21.5	1
20	QPSK	50	24	20.74	20.86	20.85		
20	QPSK	50	50	20.63	20.80	20.74		
20	QPSK	100	0	20.72	20.86	20.71		
20	16QAM	1	0	21.21	21.18	21.07	21.5	1
20	16QAM	1	49	21.00	21.16	21.05		
20	16QAM	1	99	20.96	20.89	20.86		
20	16QAM	50	0	19.49	19.51	19.34	20.5	2
20	16QAM	50	24	19.86	19.95	19.74		
20	16QAM	50	50	19.75	19.78	19.77		
20	16QAM	100	0	19.86	19.80	19.70		
20	64QAM	1	0	21.00	21.05	20.96	21.5	1
20	64QAM	1	49	20.80	20.97	20.88		
20	64QAM	1	99	20.72	20.82	20.74		
20	64QAM	50	0	19.83	19.81	19.73	20.5	2
20	64QAM	50	24	19.89	19.85	19.92		
20	64QAM	50	50	19.70	19.73	19.79		
20	64QAM	100	0	19.75	19.85	19.80		
20	256QAM	1	0	16.45	16.57	16.49	17.5	5
20	256QAM	1	49	16.32	16.50	16.44		
20	256QAM	1	99	16.54	16.41	16.45		
20	256QAM	50	0	16.41	16.46	16.39	17.5	5
20	256QAM	50	24	16.44	16.41	16.31		
20	256QAM	50	50	16.53	16.56	16.40		
20	256QAM	100	0	16.44	16.48	16.47		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.78	21.79	21.76	22.5	0
15	QPSK	1	37	21.60	21.73	21.61		
15	QPSK	1	74	21.41	21.52	21.46		
15	QPSK	36	0	20.60	20.72	20.79	21.5	1
15	QPSK	36	20	20.79	20.84	20.78		
15	QPSK	36	39	20.51	20.72	20.64		
15	QPSK	75	0	20.65	20.76	20.66		
15	16QAM	1	0	21.20	21.15	20.98	21.5	1
15	16QAM	1	37	20.95	21.05	20.93		
15	16QAM	1	74	20.91	20.77	20.76		
15	16QAM	36	0	19.39	19.45	19.20	20.5	2
15	16QAM	36	20	19.81	19.83	19.67		
15	16QAM	36	39	19.72	19.71	19.69		
15	16QAM	75	0	19.79	19.74	19.59		
15	64QAM	1	0	20.91	20.90	20.95	21.5	1
15	64QAM	1	37	20.73	20.88	20.74		
15	64QAM	1	74	20.68	20.81	20.69		
15	64QAM	36	0	19.74	19.66	19.61	20.5	2
15	64QAM	36	20	19.78	19.72	19.81		
15	64QAM	36	39	19.69	19.69	19.77		
15	64QAM	75	0	19.62	19.71	19.66		
15	256QAM	1	0	16.30	16.43	16.42	17.5	5
15	256QAM	1	37	16.19	16.45	16.31		
15	256QAM	1	74	16.50	16.37	16.36		
15	256QAM	36	0	16.35	16.38	16.34	17.5	5
15	256QAM	36	20	16.39	16.38	16.20		
15	256QAM	36	39	16.45	16.54	16.38		
15	256QAM	75	0	16.43	16.44	16.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.75	21.81	21.88	22.5	0
10	QPSK	1	25	21.66	21.71	21.55		
10	QPSK	1	49	21.47	21.44	21.40		
10	QPSK	25	0	20.63	20.79	20.76	21.5	1
10	QPSK	25	12	20.69	20.73	20.73		
10	QPSK	25	25	20.48	20.79	20.72		
10	QPSK	50	0	20.61	20.83	20.64		
10	16QAM	1	0	21.06	21.04	20.99	21.5	1
10	16QAM	1	25	20.87	21.13	21.03		
10	16QAM	1	49	20.81	20.78	20.80		
10	16QAM	25	0	19.47	19.47	19.20	20.5	2
10	16QAM	25	12	19.72	19.85	19.61		
10	16QAM	25	25	19.68	19.67	19.76		
10	16QAM	50	0	19.85	19.66	19.63		
10	64QAM	1	0	20.92	21.04	20.84	21.5	1
10	64QAM	1	25	20.67	20.90	20.76		
10	64QAM	1	49	20.57	20.79	20.66		
10	64QAM	25	0	19.72	19.72	19.70	20.5	2
10	64QAM	25	12	19.86	19.79	19.87		
10	64QAM	25	25	19.65	19.69	19.77		
10	64QAM	50	0	19.60	19.72	19.66		
10	256QAM	1	0	16.34	16.56	16.41	17.5	5
10	256QAM	1	25	16.28	16.39	16.32		
10	256QAM	1	49	16.51	16.27	16.42		
10	256QAM	25	0	16.29	16.37	16.34	17.5	5
10	256QAM	25	12	16.42	16.39	16.21		
10	256QAM	25	25	16.50	16.48	16.35		
10	256QAM	50	0	16.31	16.35	16.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.78	21.84	21.84	22.5	0
5	QPSK	1	12	21.69	21.80	21.68		
5	QPSK	1	24	21.52	21.50	21.43		
5	QPSK	12	0	20.66	20.71	20.83	21.5	1
5	QPSK	12	7	20.79	20.75	20.80		
5	QPSK	12	13	20.60	20.65	20.72		
5	QPSK	25	0	20.60	20.79	20.66		
5	16QAM	1	0	21.13	21.04	20.96	21.5	1
5	16QAM	1	12	20.87	21.10	20.95		
5	16QAM	1	24	20.82	20.82	20.71		
5	16QAM	12	0	19.39	19.43	19.32	20.5	2
5	16QAM	12	7	19.79	19.84	19.64		
5	16QAM	12	13	19.62	19.64	19.70		
5	16QAM	25	0	19.81	19.66	19.62		
5	64QAM	1	0	20.88	20.94	20.83	21.5	1
5	64QAM	1	12	20.68	20.87	20.80		
5	64QAM	1	24	20.57	20.78	20.68		
5	64QAM	12	0	19.82	19.77	19.69	20.5	2
5	64QAM	12	7	19.80	19.84	19.88		
5	64QAM	12	13	19.57	19.67	19.73		
5	64QAM	25	0	19.63	19.72	19.78		
5	256QAM	1	0	16.31	16.52	16.45	17.5	5
5	256QAM	1	12	16.30	16.45	16.33		
5	256QAM	1	24	16.47	16.32	16.43		
5	256QAM	12	0	16.40	16.44	16.37	17.5	5
5	256QAM	12	7	16.43	16.31	16.22		
5	256QAM	12	13	16.47	16.41	16.34		
5	256QAM	25	0	16.32	16.41	16.33		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.81	21.78	21.83	22.5	0
3	QPSK	1	8	21.61	21.67	21.58		
3	QPSK	1	14	21.46	21.54	21.39		
3	QPSK	8	0	20.70	20.84	20.80	21.5	1
3	QPSK	8	4	20.78	20.85	20.84		
3	QPSK	8	7	20.56	20.72	20.67		
3	QPSK	15	0	20.71	20.76	20.67		
3	16QAM	1	0	21.06	21.11	21.02	21.5	1
3	16QAM	1	8	20.91	21.14	20.90		
3	16QAM	1	14	20.92	20.79	20.79		
3	16QAM	8	0	19.42	19.42	19.19	20.5	2
3	16QAM	8	4	19.79	19.83	19.62		
3	16QAM	8	7	19.60	19.71	19.75		
3	16QAM	15	0	19.82	19.67	19.57		
3	64QAM	1	0	20.88	21.00	20.94	21.5	1
3	64QAM	1	8	20.75	20.86	20.80		
3	64QAM	1	14	20.64	20.80	20.60		
3	64QAM	8	0	19.80	19.72	19.60	20.5	2
3	64QAM	8	4	19.84	19.72	19.77		
3	64QAM	8	7	19.68	19.70	19.76		
3	64QAM	15	0	19.67	19.77	19.68		
3	256QAM	1	0	16.33	16.47	16.44	17.5	5
3	256QAM	1	8	16.28	16.38	16.37		
3	256QAM	1	14	16.44	16.32	16.31		
3	256QAM	8	0	16.29	16.43	16.28	17.5	5
3	256QAM	8	4	16.39	16.28	16.23		
3	256QAM	8	7	16.48	16.47	16.34		
3	256QAM	15	0	16.42	16.34	16.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.82	21.77	21.76	22.5	0
1.4	QPSK	1	3	21.58	21.67	21.59		
1.4	QPSK	1	5	21.42	21.41	21.43		
1.4	QPSK	3	0	21.69	21.74	21.74		
1.4	QPSK	3	1	21.45	21.64	21.50		
1.4	QPSK	3	3	21.39	21.38	21.28		
1.4	QPSK	6	0	20.66	20.76	20.64	21.5	1
1.4	16QAM	1	0	21.16	21.08	21.00	21.5	1
1.4	16QAM	1	3	20.87	21.11	21.01		
1.4	16QAM	1	5	20.85	20.74	20.76		
1.4	16QAM	3	0	21.01	21.00	20.96		
1.4	16QAM	3	1	20.78	21.05	20.97		
1.4	16QAM	3	3	20.71	20.64	20.68		
1.4	16QAM	6	0	19.84	19.73	19.66	20.5	2
1.4	64QAM	1	0	20.98	20.96	20.88	21.5	1
1.4	64QAM	1	3	20.75	20.93	20.81		
1.4	64QAM	1	5	20.59	20.68	20.66		
1.4	64QAM	3	0	20.94	20.87	20.78		
1.4	64QAM	3	1	20.70	20.92	20.66		
1.4	64QAM	3	3	20.50	20.54	20.64		
1.4	64QAM	6	0	19.61	19.79	19.76	20.5	2
1.4	256QAM	1	0	16.40	16.45	16.43	17.5	5
1.4	256QAM	1	3	16.22	16.46	16.29		
1.4	256QAM	1	5	16.41	16.34	16.31		
1.4	256QAM	3	0	16.29	16.42	16.35		
1.4	256QAM	3	1	16.33	16.33	16.29		
1.4	256QAM	3	3	16.44	16.49	16.30		
1.4	256QAM	6	0	16.29	16.38	16.41	17.5	5

Band 4_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.06	22.08	22.05	23	0
20	QPSK	1	49	22.00	22.03	21.98		
20	QPSK	1	99	21.99	22.06	22.01		
20	QPSK	50	0	21.43	21.45	21.42	22	1
20	QPSK	50	24	21.39	21.40	21.39		
20	QPSK	50	50	21.41	21.41	21.39		
20	QPSK	100	0	21.41	21.42	21.40		
20	16QAM	1	0	21.42	21.38	21.36	22	1
20	16QAM	1	49	21.36	21.44	21.39		
20	16QAM	1	99	21.40	21.42	21.35		
20	16QAM	50	0	20.41	20.43	20.40	21	2
20	16QAM	50	24	20.38	20.41	20.33		
20	16QAM	50	50	20.40	20.36	20.37		
20	16QAM	100	0	20.38	20.37	20.39		
20	64QAM	1	0	20.37	20.37	20.35	21	2
20	64QAM	1	49	20.35	20.37	20.34		
20	64QAM	1	99	20.38	20.42	20.33		
20	64QAM	50	0	19.40	19.42	19.38	20	3
20	64QAM	50	24	19.33	19.39	19.37		
20	64QAM	50	50	19.38	19.40	19.31		
20	64QAM	100	0	19.33	19.40	19.36		
20	256QAM	1	0	17.37	17.38	17.36	18	5
20	256QAM	1	49	17.32	17.38	17.31		
20	256QAM	1	99	17.36	17.37	17.30		
20	256QAM	50	0	17.39	17.41	17.37	18	5
20	256QAM	50	24	17.38	17.36	17.33		
20	256QAM	50	50	17.35	17.34	17.30		
20	256QAM	100	0	17.37	17.34	17.32		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.03	22.07	22.02	23	0
15	QPSK	1	37	21.93	22.02	21.95		
15	QPSK	1	74	21.98	22.03	21.99		
15	QPSK	36	0	21.37	21.42	21.35	22	1
15	QPSK	36	20	21.35	21.39	21.35		
15	QPSK	36	39	21.40	21.38	21.36		
15	QPSK	75	0	21.34	21.39	21.36		
15	16QAM	1	0	21.39	21.36	21.32	22	1
15	16QAM	1	37	21.33	21.38	21.36		
15	16QAM	1	74	21.32	21.39	21.29		
15	16QAM	36	0	20.37	20.35	20.33	21	2
15	16QAM	36	20	20.32	20.39	20.29		
15	16QAM	36	39	20.37	20.23	20.29		
15	16QAM	75	0	20.37	20.23	20.24		
15	64QAM	1	0	20.24	20.22	20.28	21	2
15	64QAM	1	37	20.33	20.22	20.29		
15	64QAM	1	74	20.23	20.34	20.19		
15	64QAM	36	0	19.30	19.38	19.31	20	3
15	64QAM	36	20	19.29	19.27	19.32		
15	64QAM	36	39	19.28	19.35	19.20		
15	64QAM	75	0	19.29	19.34	19.32		
15	256QAM	1	0	17.33	17.33	17.27	18	5
15	256QAM	1	37	17.31	17.33	17.26		
15	256QAM	1	74	17.32	17.34	17.23		
15	256QAM	36	0	17.28	17.27	17.22	18	5
15	256QAM	36	20	17.28	17.28	17.26		
15	256QAM	36	39	17.25	17.25	17.21		
15	256QAM	75	0	17.24	17.21	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.01	22.01	22.02	23	0
10	QPSK	1	25	21.95	21.97	21.91		
10	QPSK	1	49	21.94	22.05	22.00		
10	QPSK	25	0	21.36	21.44	21.39	22	1
10	QPSK	25	12	21.38	21.36	21.32		
10	QPSK	25	25	21.34	21.40	21.38		
10	QPSK	50	0	21.34	21.39	21.33		
10	16QAM	1	0	21.37	21.35	21.30	22	1
10	16QAM	1	25	21.29	21.39	21.38		
10	16QAM	1	49	21.39	21.37	21.33		
10	16QAM	25	0	20.38	20.36	20.35	21	2
10	16QAM	25	12	20.29	20.32	20.26		
10	16QAM	25	25	20.27	20.25	20.32		
10	16QAM	50	0	20.25	20.23	20.28		
10	64QAM	1	0	20.35	20.22	20.29	21	2
10	64QAM	1	25	20.25	20.27	20.22		
10	64QAM	1	49	20.37	20.37	20.29		
10	64QAM	25	0	19.31	19.36	19.27	20	3
10	64QAM	25	12	19.29	19.34	19.35		
10	64QAM	25	25	19.29	19.31	19.20		
10	64QAM	50	0	19.27	19.26	19.35		
10	256QAM	1	0	17.24	17.23	17.34	18	5
10	256QAM	1	25	17.20	17.29	17.27		
10	256QAM	1	49	17.28	17.31	17.27		
10	256QAM	25	0	17.32	17.40	17.35	18	5
10	256QAM	25	12	17.25	17.21	17.20		
10	256QAM	25	25	17.26	17.28	17.23		
10	256QAM	50	0	17.26	17.19	17.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.00	22.06	22.02	23	0
5	QPSK	1	12	21.94	21.98	21.97		
5	QPSK	1	24	21.93	22.04	21.98		
5	QPSK	12	0	21.42	21.44	21.38	22	1
5	QPSK	12	7	21.36	21.33	21.32		
5	QPSK	12	13	21.39	21.38	21.32		
5	QPSK	25	0	21.39	21.37	21.33		
5	16QAM	1	0	21.41	21.36	21.35	22	1
5	16QAM	1	12	21.31	21.37	21.38		
5	16QAM	1	24	21.34	21.40	21.33		
5	16QAM	12	0	20.33	20.37	20.38	21	2
5	16QAM	12	7	20.30	20.39	20.25		
5	16QAM	12	13	20.33	20.34	20.28		
5	16QAM	25	0	20.30	20.29	20.26		
5	64QAM	1	0	20.31	20.32	20.30	21	2
5	64QAM	1	12	20.27	20.30	20.23		
5	64QAM	1	24	20.28	20.39	20.27		
5	64QAM	12	0	19.30	19.39	19.27	20	3
5	64QAM	12	7	19.28	19.38	19.34		
5	64QAM	12	13	19.33	19.25	19.20		
5	64QAM	25	0	19.29	19.25	19.22		
5	256QAM	1	0	17.23	17.25	17.33	18	5
5	256QAM	1	12	17.26	17.34	17.16		
5	256QAM	1	24	17.24	17.29	17.19		
5	256QAM	12	0	17.37	17.30	17.36	18	5
5	256QAM	12	7	17.29	17.25	17.18		
5	256QAM	12	13	17.25	17.29	17.25		
5	256QAM	25	0	17.26	17.27	17.17		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.04	22.04	22.02	23	0
3	QPSK	1	8	21.95	21.99	21.94		
3	QPSK	1	14	21.94	22.00	21.97		
3	QPSK	8	0	21.39	21.43	21.40	22	1
3	QPSK	8	4	21.32	21.34	21.35		
3	QPSK	8	7	21.38	21.39	21.32		
3	QPSK	15	0	21.36	21.41	21.34		
3	16QAM	1	0	21.41	21.37	21.32	22	1
3	16QAM	1	8	21.29	21.40	21.37		
3	16QAM	1	14	21.38	21.37	21.32		
3	16QAM	8	0	20.33	20.38	20.36	21	2
3	16QAM	8	4	20.35	20.33	20.24		
3	16QAM	8	7	20.35	20.33	20.22		
3	16QAM	15	0	20.32	20.25	20.26		
3	64QAM	1	0	20.33	20.31	20.22	21	2
3	64QAM	1	8	20.29	20.22	20.23		
3	64QAM	1	14	20.31	20.30	20.32		
3	64QAM	8	0	19.38	19.35	19.30	20	3
3	64QAM	8	4	19.29	19.36	19.29		
3	64QAM	8	7	19.35	19.38	19.21		
3	64QAM	15	0	19.24	19.27	19.23		
3	256QAM	1	0	17.34	17.34	17.25	18	5
3	256QAM	1	8	17.22	17.31	17.19		
3	256QAM	1	14	17.28	17.23	17.23		
3	256QAM	8	0	17.35	17.34	17.34	18	5
3	256QAM	8	4	17.23	17.24	17.28		
3	256QAM	8	7	17.31	17.28	17.26		
3	256QAM	15	0	17.25	17.30	17.28		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.00	22.01	22.00	23	0
1.4	QPSK	1	3	21.94	22.01	21.94		
1.4	QPSK	1	5	21.94	22.00	22.00		
1.4	QPSK	3	0	22.02	22.01	22.03		
1.4	QPSK	3	1	21.97	22.01	21.97		
1.4	QPSK	3	3	21.96	21.99	21.96		
1.4	QPSK	6	0	21.38	21.42	21.40	22	1
1.4	16QAM	1	0	21.34	21.36	21.37	22	1
1.4	16QAM	1	3	21.35	21.38	21.36		
1.4	16QAM	1	5	21.37	21.36	21.37		
1.4	16QAM	3	0	21.38	21.36	21.31		
1.4	16QAM	3	1	21.29	21.38	21.37		
1.4	16QAM	3	3	21.37	21.34	21.31		
1.4	16QAM	6	0	20.35	20.34	20.35	21	2
1.4	64QAM	1	0	20.37	20.32	20.28	21	2
1.4	64QAM	1	3	20.37	20.33	20.36		
1.4	64QAM	1	5	20.25	20.35	20.30		
1.4	64QAM	3	0	20.29	20.23	20.23		
1.4	64QAM	3	1	20.31	20.26	20.22		
1.4	64QAM	3	3	20.32	20.38	20.24		
1.4	64QAM	6	0	19.31	19.35	19.26	20	3
1.4	256QAM	1	0	17.25	17.33	17.23	18	5
1.4	256QAM	1	3	17.19	17.32	17.17		
1.4	256QAM	1	5	17.33	17.29	17.19		
1.4	256QAM	3	0	17.32	17.28	17.29		
1.4	256QAM	3	1	17.30	17.22	17.31		
1.4	256QAM	3	3	17.34	17.26	17.18		
1.4	256QAM	6	0	17.33	17.26	17.17	18	5

Band 5_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	23.36	23.41	23.38	24	0
10	QPSK	1	25	23.33	23.38	23.36		
10	QPSK	1	49	23.29	23.35	23.32		
10	QPSK	25	0	22.35	22.40	22.36	23	1
10	QPSK	25	12	22.31	22.38	22.35		
10	QPSK	25	25	22.29	22.35	22.31		
10	QPSK	50	0	22.31	22.37	22.32		
10	16QAM	1	0	22.28	22.37	22.32	23	1
10	16QAM	1	25	22.28	22.37	22.30		
10	16QAM	1	49	22.31	22.39	22.33		
10	16QAM	25	0	21.38	21.42	21.40	22	2
10	16QAM	25	12	21.37	21.40	21.38		
10	16QAM	25	25	21.31	21.37	21.38		
10	16QAM	50	0	21.33	21.41	21.38		
10	64QAM	1	0	21.32	21.41	21.36	22	2
10	64QAM	1	25	21.31	21.35	21.38		
10	64QAM	1	49	21.34	21.37	21.34		
10	64QAM	25	0	20.38	20.43	20.40	21	3
10	64QAM	25	12	20.34	20.39	20.33		
10	64QAM	25	25	20.31	20.42	20.38		
10	64QAM	50	0	20.32	20.42	20.33		
10	256QAM	1	0	18.37	18.38	18.39	19	5
10	256QAM	1	25	18.33	18.37	18.39		
10	256QAM	1	49	18.33	18.37	18.35		
10	256QAM	25	0	18.38	18.42	18.40	19	5
10	256QAM	25	12	18.37	18.37	18.33		
10	256QAM	25	25	18.37	18.41	18.36		
10	256QAM	50	0	18.31	18.35	18.36		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.34	23.36	24	0
5	QPSK	1	12	23.26	23.34	23.31		
5	QPSK	1	24	23.25	23.32	23.28		
5	QPSK	12	0	22.30	22.39	22.35	23	1
5	QPSK	12	7	22.29	22.32	22.34		
5	QPSK	12	13	22.28	22.28	22.28		
5	QPSK	25	0	22.27	22.33	22.31		
5	16QAM	1	0	22.26	22.35	22.26	23	1
5	16QAM	1	12	22.27	22.31	22.26		
5	16QAM	1	24	22.24	22.35	22.28		
5	16QAM	12	0	21.34	21.33	21.38	22	2
5	16QAM	12	7	21.35	21.33	21.34		
5	16QAM	12	13	21.26	21.34	21.30		
5	16QAM	25	0	21.20	21.32	21.33		
5	64QAM	1	0	21.23	21.40	21.34	22	2
5	64QAM	1	12	21.19	21.34	21.23		
5	64QAM	1	24	21.26	21.31	21.19		
5	64QAM	12	0	20.31	20.38	20.31	21	3
5	64QAM	12	7	20.22	20.35	20.21		
5	64QAM	12	13	20.19	20.38	20.28		
5	64QAM	25	0	20.26	20.29	20.25		
5	256QAM	1	0	18.23	18.32	18.38	19	5
5	256QAM	1	12	18.21	18.30	18.25		
5	256QAM	1	24	18.24	18.22	18.22		
5	256QAM	12	0	18.33	18.39	18.27	19	5
5	256QAM	12	7	18.32	18.36	18.31		
5	256QAM	12	13	18.31	18.29	18.30		
5	256QAM	25	0	18.27	18.27	18.25		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.33	23.37	23.34	24	0
3	QPSK	1	8	23.29	23.33	23.35		
3	QPSK	1	14	23.22	23.30	23.30		
3	QPSK	8	0	22.29	22.33	22.32	23	1
3	QPSK	8	4	22.26	22.31	22.34		
3	QPSK	8	7	22.22	22.33	22.28		
3	QPSK	15	0	22.25	22.32	22.27		
3	16QAM	1	0	22.25	22.32	22.27	23	1
3	16QAM	1	8	22.26	22.32	22.28		
3	16QAM	1	14	22.25	22.31	22.30		
3	16QAM	8	0	21.29	21.36	21.33	22	2
3	16QAM	8	4	21.31	21.31	21.35		
3	16QAM	8	7	21.22	21.35	21.30		
3	16QAM	15	0	21.32	21.38	21.30		
3	64QAM	1	0	21.27	21.35	21.30	22	2
3	64QAM	1	8	21.23	21.23	21.26		
3	64QAM	1	14	21.20	21.29	21.20		
3	64QAM	8	0	20.34	20.40	20.30	21	3
3	64QAM	8	4	20.21	20.38	20.24		
3	64QAM	8	7	20.30	20.32	20.23		
3	64QAM	15	0	20.21	20.32	20.27		
3	256QAM	1	0	18.33	18.34	18.28	19	5
3	256QAM	1	8	18.29	18.34	18.35		
3	256QAM	1	14	18.31	18.32	18.28		
3	256QAM	8	0	18.32	18.27	18.26	19	5
3	256QAM	8	4	18.32	18.32	18.30		
3	256QAM	8	7	18.26	18.39	18.23		
3	256QAM	15	0	18.29	18.25	18.32		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.33	23.36	23.36	24	0
1.4	QPSK	1	3	23.32	23.35	23.31		
1.4	QPSK	1	5	23.24	23.32	23.25		
1.4	QPSK	3	0	23.32	23.40	23.32		
1.4	QPSK	3	1	23.26	23.37	23.34		
1.4	QPSK	3	3	23.26	23.31	23.31		
1.4	QPSK	6	0	22.30	22.37	22.35	23	1
1.4	16QAM	1	0	22.27	22.31	22.28	23	1
1.4	16QAM	1	3	22.25	22.32	22.28		
1.4	16QAM	1	5	22.30	22.36	22.31		
1.4	16QAM	3	0	22.25	22.35	22.25		
1.4	16QAM	3	1	22.25	22.33	22.29		
1.4	16QAM	3	3	22.29	22.37	22.29		
1.4	16QAM	6	0	21.35	21.38	21.32	22	2
1.4	64QAM	1	0	21.35	21.37	21.36	22	2
1.4	64QAM	1	3	21.27	21.34	21.26		
1.4	64QAM	1	5	21.23	21.35	21.24		
1.4	64QAM	3	0	21.20	21.32	21.27		
1.4	64QAM	3	1	21.25	21.25	21.25		
1.4	64QAM	3	3	21.27	21.23	21.21		
1.4	64QAM	6	0	20.30	20.40	20.34	21	3
1.4	256QAM	1	0	18.23	18.31	18.24	19	5
1.4	256QAM	1	3	18.23	18.30	18.35		
1.4	256QAM	1	5	18.29	18.25	18.27		
1.4	256QAM	3	0	18.35	18.32	18.31		
1.4	256QAM	3	1	18.29	18.26	18.27		
1.4	256QAM	3	3	18.27	18.28	18.30		
1.4	256QAM	6	0	18.20	18.20	18.21	19	5

Band 5_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	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	22.88	22.90	22.87	24	0
10	QPSK	1	25	22.82	22.87	22.81		
10	QPSK	1	49	22.83	22.87	22.81		
10	QPSK	25	0	21.85	21.86	21.83	23	1
10	QPSK	25	12	21.84	21.83	21.79		
10	QPSK	25	25	21.82	21.84	21.78		
10	QPSK	50	0	21.83	21.85	21.81		
10	16QAM	1	0	21.79	21.80	21.79	23	1
10	16QAM	1	25	21.80	21.84	21.81		
10	16QAM	1	49	21.83	21.81	21.80		
10	16QAM	25	0	20.80	20.83	20.78	22	2
10	16QAM	25	12	20.75	20.81	20.71		
10	16QAM	25	25	20.74	20.80	20.74		
10	16QAM	50	0	20.74	20.76	20.76		
10	64QAM	1	0	20.75	20.77	20.77	22	2
10	64QAM	1	25	20.79	20.81	20.72		
10	64QAM	1	49	20.76	20.81	20.72		
10	64QAM	25	0	19.80	19.81	19.78	21	3
10	64QAM	25	12	19.74	19.78	19.74		
10	64QAM	25	25	19.73	19.75	19.71		
10	64QAM	50	0	19.76	19.78	19.73		
10	256QAM	1	0	17.74	17.78	17.75	19	5
10	256QAM	1	25	17.77	17.77	17.75		
10	256QAM	1	49	17.74	17.78	17.75		
10	256QAM	25	0	17.78	17.80	17.77	19	5
10	256QAM	25	12	17.72	17.76	17.73		
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.75	17.73	17.72		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.87	22.89	22.80	24	0
5	QPSK	1	12	22.76	22.84	22.78		
5	QPSK	1	24	22.78	22.85	22.79		
5	QPSK	12	0	21.83	21.81	21.78	23	1
5	QPSK	12	7	21.81	21.77	21.74		
5	QPSK	12	13	21.81	21.82	21.77		
5	QPSK	25	0	21.81	21.78	21.76		
5	16QAM	1	0	21.77	21.74	21.73	23	1
5	16QAM	1	12	21.77	21.80	21.75		
5	16QAM	1	24	21.82	21.79	21.75		
5	16QAM	12	0	20.75	20.82	20.77	22	2
5	16QAM	12	7	20.74	20.77	20.63		
5	16QAM	12	13	20.69	20.66	20.62		
5	16QAM	25	0	20.62	20.70	20.64		
5	64QAM	1	0	20.60	20.75	20.68	22	2
5	64QAM	1	12	20.72	20.68	20.69		
5	64QAM	1	24	20.75	20.78	20.70		
5	64QAM	12	0	19.72	19.75	19.73	21	3
5	64QAM	12	7	19.65	19.65	19.59		
5	64QAM	12	13	19.69	19.63	19.68		
5	64QAM	25	0	19.67	19.74	19.68		
5	256QAM	1	0	17.72	17.66	17.66	19	5
5	256QAM	1	12	17.75	17.67	17.62		
5	256QAM	1	24	17.60	17.70	17.71		
5	256QAM	12	0	17.69	17.70	17.62	19	5
5	256QAM	12	7	17.62	17.65	17.60		
5	256QAM	12	13	17.67	17.77	17.58		
5	256QAM	25	0	17.66	17.66	17.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.87	22.89	22.84	24	0
3	QPSK	1	8	22.76	22.80	22.79		
3	QPSK	1	14	22.80	22.81	22.78		
3	QPSK	8	0	21.81	21.79	21.77	23	1
3	QPSK	8	4	21.82	21.81	21.74		
3	QPSK	8	7	21.81	21.83	21.74		
3	QPSK	15	0	21.79	21.79	21.74		
3	16QAM	1	0	21.76	21.73	21.74	23	1
3	16QAM	1	8	21.75	21.80	21.78		
3	16QAM	1	14	21.80	21.73	21.79		
3	16QAM	8	0	20.74	20.78	20.70	22	2
3	16QAM	8	4	20.69	20.76	20.63		
3	16QAM	8	7	20.59	20.73	20.64		
3	16QAM	15	0	20.71	20.74	20.63		
3	64QAM	1	0	20.74	20.64	20.68	22	2
3	64QAM	1	8	20.71	20.68	20.58		
3	64QAM	1	14	20.64	20.72	20.67		
3	64QAM	8	0	19.73	19.67	19.74	21	3
3	64QAM	8	4	19.69	19.63	19.63		
3	64QAM	8	7	19.70	19.60	19.69		
3	64QAM	15	0	19.68	19.71	19.65		
3	256QAM	1	0	17.60	17.71	17.73	19	5
3	256QAM	1	8	17.75	17.68	17.69		
3	256QAM	1	14	17.69	17.67	17.69		
3	256QAM	8	0	17.67	17.66	17.69	19	5
3	256QAM	8	4	17.60	17.71	17.68		
3	256QAM	8	7	17.66	17.67	17.60		
3	256QAM	15	0	17.67	17.71	17.62		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.85	22.87	22.80	24	0
1.4	QPSK	1	3	22.80	22.84	22.78		
1.4	QPSK	1	5	22.79	22.84	22.80		
1.4	QPSK	3	0	22.85	22.87	22.82		
1.4	QPSK	3	1	22.81	22.83	22.76		
1.4	QPSK	3	3	22.81	22.80	22.80		
1.4	QPSK	6	0	21.80	21.79	21.79	23	1
1.4	16QAM	1	0	21.77	21.79	21.77	23	1
1.4	16QAM	1	3	21.79	21.82	21.75		
1.4	16QAM	1	5	21.76	21.79	21.74		
1.4	16QAM	3	0	21.75	21.75	21.78		
1.4	16QAM	3	1	21.79	21.80	21.78		
1.4	16QAM	3	3	21.82	21.77	21.72		
1.4	16QAM	6	0	20.77	20.74	20.73	22	2
1.4	64QAM	1	0	20.66	20.78	20.62	22	2
1.4	64QAM	1	3	20.65	20.73	20.69		
1.4	64QAM	1	5	20.64	20.62	20.70		
1.4	64QAM	3	0	20.65	20.75	20.70		
1.4	64QAM	3	1	20.78	20.66	20.66		
1.4	64QAM	3	3	20.63	20.75	20.62		
1.4	64QAM	6	0	19.68	19.77	19.75	21	3
1.4	256QAM	1	0	17.60	17.68	17.65	19	5
1.4	256QAM	1	3	17.69	17.63	17.64		
1.4	256QAM	1	5	17.65	17.72	17.72		
1.4	256QAM	3	0	17.65	17.65	17.68		
1.4	256QAM	3	1	17.69	17.72	17.58		
1.4	256QAM	3	3	17.65	17.69	17.66		
1.4	256QAM	6	0	17.67	17.65	17.69	19	5

Band 7_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.88	23.35	23.33	24	0
20	QPSK	1	49	22.86	23.29	23.30		
20	QPSK	1	99	22.87	23.34	23.29		
20	QPSK	50	0	21.85	22.23	22.21	23	1
20	QPSK	50	24	21.79	22.20	22.15		
20	QPSK	50	50	21.82	22.18	22.20		
20	QPSK	100	0	21.83	22.20	22.18		
20	16QAM	1	0	22.22	22.29	22.23	23	1
20	16QAM	1	49	22.22	22.25	22.19		
20	16QAM	1	99	22.14	22.18	22.12		
20	16QAM	50	0	21.17	21.23	21.21	22	2
20	16QAM	50	24	21.10	21.11	21.05		
20	16QAM	50	50	21.13	21.15	21.12		
20	16QAM	100	0	21.11	21.18	21.13		
20	64QAM	1	0	21.28	21.35	21.32	22	2
20	64QAM	1	49	21.21	21.25	21.19		
20	64QAM	1	99	21.18	21.23	21.18		
20	64QAM	50	0	20.19	20.22	20.18	21	3
20	64QAM	50	24	20.06	20.15	20.07		
20	64QAM	50	50	20.17	20.18	20.08		
20	64QAM	100	0	20.11	20.13	20.05		
20	256QAM	1	0	18.08	18.21	18.12	19	5
20	256QAM	1	49	18.09	18.18	18.05		
20	256QAM	1	99	18.11	18.15	18.10		
20	256QAM	50	0	18.11	18.20	18.08	19	5
20	256QAM	50	24	18.03	18.11	17.98		
20	256QAM	50	50	17.98	18.13	18.00		
20	256QAM	100	0	18.00	18.15	18.10		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.87	23.29	23.29	24	0
15	QPSK	1	37	22.81	23.24	23.24		
15	QPSK	1	74	22.85	23.29	23.25		
15	QPSK	36	0	21.79	22.16	22.18	23	1
15	QPSK	36	20	21.73	22.18	22.11		
15	QPSK	36	39	21.78	22.13	22.14		
15	QPSK	75	0	21.76	22.15	22.15		
15	16QAM	1	0	22.19	22.27	22.22	23	1
15	16QAM	1	37	22.15	22.18	22.18		
15	16QAM	1	74	22.09	22.12	22.04		
15	16QAM	36	0	21.10	21.17	21.13	22	2
15	16QAM	36	20	21.01	21.09	21.02		
15	16QAM	36	39	21.04	21.08	21.01		
15	16QAM	75	0	21.05	21.03	21.02		
15	64QAM	1	0	21.16	21.34	21.20	22	2
15	64QAM	1	37	21.11	21.21	21.14		
15	64QAM	1	74	21.17	21.09	21.03		
15	64QAM	36	0	20.09	20.11	20.14	21	3
15	64QAM	36	20	20.01	20.12	20.06		
15	64QAM	36	39	20.03	20.13	19.98		
15	64QAM	75	0	20.05	19.99	19.99		
15	256QAM	1	0	17.96	18.15	18.08	19	5
15	256QAM	1	37	18.02	18.11	17.95		
15	256QAM	1	74	18.04	18.12	18.00		
15	256QAM	36	0	17.99	18.05	17.98	19	5
15	256QAM	36	20	17.99	18.02	17.90		
15	256QAM	36	39	17.90	17.99	17.87		
15	256QAM	75	0	17.95	18.09	17.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.83	23.29	23.29	24	0
10	QPSK	1	25	22.82	23.23	23.28		
10	QPSK	1	49	22.84	23.32	23.26		
10	QPSK	25	0	21.80	22.17	22.17	23	1
10	QPSK	25	12	21.73	22.19	22.13		
10	QPSK	25	25	21.77	22.16	22.19		
10	QPSK	50	0	21.80	22.14	22.15		
10	16QAM	1	0	22.16	22.27	22.19	23	1
10	16QAM	1	25	22.17	22.19	22.18		
10	16QAM	1	49	22.13	22.14	22.08		
10	16QAM	25	0	21.16	21.14	21.13	22	2
10	16QAM	25	12	21.05	21.08	20.98		
10	16QAM	25	25	21.07	21.04	21.08		
10	16QAM	50	0	21.04	21.15	21.05		
10	64QAM	1	0	21.27	21.34	21.28	22	2
10	64QAM	1	25	21.06	21.17	21.06		
10	64QAM	1	49	21.06	21.12	21.15		
10	64QAM	25	0	20.15	20.16	20.12	21	3
10	64QAM	25	12	20.03	20.09	20.03		
10	64QAM	25	25	20.08	20.11	19.97		
10	64QAM	50	0	20.07	20.10	19.94		
10	256QAM	1	0	17.99	18.11	18.02	19	5
10	256QAM	1	25	17.94	18.06	17.99		
10	256QAM	1	49	18.02	18.10	18.01		
10	256QAM	25	0	17.99	18.10	17.99	19	5
10	256QAM	25	12	17.92	18.03	17.94		
10	256QAM	25	25	17.93	18.04	17.85		
10	256QAM	50	0	17.85	18.10	18.01		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.84	23.29	23.26	24	0
5	QPSK	1	12	22.81	23.27	23.26		
5	QPSK	1	24	22.82	23.29	23.24		
5	QPSK	12	0	21.81	22.16	22.16	23	1
5	QPSK	12	7	21.75	22.14	22.10		
5	QPSK	12	13	21.78	22.17	22.13		
5	QPSK	25	0	21.80	22.13	22.12		
5	16QAM	1	0	22.21	22.28	22.22	23	1
5	16QAM	1	12	22.18	22.18	22.15		
5	16QAM	1	24	22.07	22.15	22.04		
5	16QAM	12	0	21.09	21.22	21.16	22	2
5	16QAM	12	7	21.06	21.07	21.03		
5	16QAM	12	13	21.08	21.13	21.03		
5	16QAM	25	0	20.96	21.16	21.12		
5	64QAM	1	0	21.22	21.32	21.27	22	2
5	64QAM	1	12	21.18	21.11	21.07		
5	64QAM	1	24	21.06	21.08	21.04		
5	64QAM	12	0	20.13	20.07	20.15	21	3
5	64QAM	12	7	19.95	20.13	19.96		
5	64QAM	12	13	20.14	20.15	20.04		
5	64QAM	25	0	20.01	20.09	19.92		
5	256QAM	1	0	17.97	18.08	18.01	19	5
5	256QAM	1	12	18.02	18.04	17.99		
5	256QAM	1	24	18.10	18.11	17.95		
5	256QAM	12	0	18.09	18.10	17.95	19	5
5	256QAM	12	7	18.02	18.00	17.97		
5	256QAM	12	13	17.93	18.04	17.88		
5	256QAM	25	0	17.87	18.12	18.00		

Band 12_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	23.46	23.47	23.46	24	0
10	QPSK	1	25	23.40	23.41	23.41		
10	QPSK	1	49	23.41	23.46	23.39		
10	QPSK	25	0	22.42	22.45	22.43	23	1
10	QPSK	25	12	22.38	22.41	22.37		
10	QPSK	25	25	22.40	22.41	22.41		
10	QPSK	50	0	22.40	22.43	22.37		
10	16QAM	1	0	22.35	22.40	22.40	23	1
10	16QAM	1	25	22.39	22.44	22.39		
10	16QAM	1	49	22.37	22.42	22.40		
10	16QAM	25	0	21.42	21.46	21.44	22	2
10	16QAM	25	12	21.38	21.44	21.39		
10	16QAM	25	25	21.40	21.40	21.43		
10	16QAM	50	0	21.35	21.39	21.39		
10	64QAM	1	0	21.39	21.41	21.40	22	2
10	64QAM	1	25	21.40	21.45	21.37		
10	64QAM	1	49	21.37	21.43	21.37		
10	64QAM	25	0	20.41	20.44	20.43	21	3
10	64QAM	25	12	20.35	20.37	20.42		
10	64QAM	25	25	20.39	20.41	20.42		
10	64QAM	50	0	20.38	20.38	20.39		
10	256QAM	1	0	18.36	18.44	18.43	19	5
10	256QAM	1	25	18.36	18.40	18.38		
10	256QAM	1	49	18.34	18.43	18.44		
10	256QAM	25	0	18.41	18.46	18.45	19	5
10	256QAM	25	12	18.39	18.40	18.41		
10	256QAM	25	25	18.34	18.41	18.38		
10	256QAM	50	0	18.40	18.39	18.39		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.45	23.44	23.45	24	0
5	QPSK	1	12	23.38	23.37	23.35		
5	QPSK	1	24	23.36	23.42	23.38		
5	QPSK	12	0	22.38	22.40	22.41	23	1
5	QPSK	12	7	22.35	22.39	22.35		
5	QPSK	12	13	22.37	22.38	22.37		
5	QPSK	25	0	22.34	22.39	22.30		
5	16QAM	1	0	22.30	22.37	22.39	23	1
5	16QAM	1	12	22.35	22.43	22.38		
5	16QAM	1	24	22.33	22.36	22.39		
5	16QAM	12	0	21.39	21.38	21.43	22	2
5	16QAM	12	7	21.29	21.38	21.34		
5	16QAM	12	13	21.29	21.36	21.31		
5	16QAM	25	0	21.23	21.28	21.26		
5	64QAM	1	0	21.38	21.40	21.35	22	2
5	64QAM	1	12	21.38	21.35	21.24		
5	64QAM	1	24	21.27	21.38	21.22		
5	64QAM	12	0	20.26	20.31	20.33	21	3
5	64QAM	12	7	20.31	20.28	20.36		
5	64QAM	12	13	20.38	20.39	20.32		
5	64QAM	25	0	20.29	20.25	20.30		
5	256QAM	1	0	18.22	18.35	18.28	19	5
5	256QAM	1	12	18.25	18.31	18.31		
5	256QAM	1	24	18.20	18.33	18.32		
5	256QAM	12	0	18.31	18.42	18.38	19	5
5	256QAM	12	7	18.32	18.30	18.27		
5	256QAM	12	13	18.23	18.35	18.31		
5	256QAM	25	0	18.30	18.38	18.26		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.42	23.44	23.40	24	0
3	QPSK	1	8	23.34	23.36	23.36		
3	QPSK	1	14	23.39	23.39	23.35		
3	QPSK	8	0	22.41	22.41	22.42	23	1
3	QPSK	8	4	22.34	22.36	22.32		
3	QPSK	8	7	22.39	22.34	22.37		
3	QPSK	15	0	22.34	22.41	22.36		
3	16QAM	1	0	22.32	22.35	22.35	23	1
3	16QAM	1	8	22.37	22.42	22.38		
3	16QAM	1	14	22.29	22.36	22.39		
3	16QAM	8	0	21.36	21.43	21.39	22	2
3	16QAM	8	4	21.36	21.42	21.32		
3	16QAM	8	7	21.34	21.25	21.35		
3	16QAM	15	0	21.20	21.35	21.32		
3	64QAM	1	0	21.35	21.34	21.32	22	2
3	64QAM	1	8	21.39	21.43	21.33		
3	64QAM	1	14	21.29	21.39	21.34		
3	64QAM	8	0	20.39	20.40	20.36	21	3
3	64QAM	8	4	20.34	20.33	20.28		
3	64QAM	8	7	20.26	20.35	20.39		
3	64QAM	15	0	20.26	20.24	20.25		
3	256QAM	1	0	18.23	18.30	18.28	19	5
3	256QAM	1	8	18.32	18.27	18.24		
3	256QAM	1	14	18.21	18.28	18.41		
3	256QAM	8	0	18.26	18.42	18.43	19	5
3	256QAM	8	4	18.30	18.35	18.37		
3	256QAM	8	7	18.27	18.30	18.24		
3	256QAM	15	0	18.31	18.24	18.34		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.43	23.43	23.45	24	0
1.4	QPSK	1	3	23.36	23.38	23.38		
1.4	QPSK	1	5	23.40	23.44	23.32		
1.4	QPSK	3	0	23.41	23.45	23.43		
1.4	QPSK	3	1	23.37	23.35	23.40		
1.4	QPSK	3	3	23.36	23.42	23.34		
1.4	QPSK	6	0	22.40	22.44	22.36	23	1
1.4	16QAM	1	0	22.34	22.34	22.33	23	1
1.4	16QAM	1	3	22.39	22.34	22.40		
1.4	16QAM	1	5	22.34	22.41	22.34		
1.4	16QAM	3	0	22.32	22.38	22.37		
1.4	16QAM	3	1	22.32	22.40	22.35		
1.4	16QAM	3	3	22.32	22.34	22.34		
1.4	16QAM	6	0	21.34	21.45	21.39	22	2
1.4	64QAM	1	0	21.35	21.37	21.37	22	2
1.4	64QAM	1	3	21.34	21.25	21.29		
1.4	64QAM	1	5	21.32	21.33	21.31		
1.4	64QAM	3	0	21.30	21.28	21.29		
1.4	64QAM	3	1	21.26	21.30	21.32		
1.4	64QAM	3	3	21.34	21.35	21.23		
1.4	64QAM	6	0	20.28	20.36	20.29	21	3
1.4	256QAM	1	0	18.29	18.30	18.33	19	5
1.4	256QAM	1	3	18.22	18.35	18.25		
1.4	256QAM	1	5	18.31	18.31	18.42		
1.4	256QAM	3	0	18.30	18.35	18.42		
1.4	256QAM	3	1	18.24	18.29	18.38		
1.4	256QAM	3	3	18.25	18.34	18.23		
1.4	256QAM	6	0	18.34	18.32	18.36	19	5

Band 13_Ant 0(DSI 6/8/9/12)

BW [MHz]	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		23.46		24	0
10	QPSK	1	25		23.43			
10	QPSK	1	49		23.42			
10	QPSK	25	0		22.45		23	1
10	QPSK	25	12		22.38			
10	QPSK	25	25		22.41			
10	QPSK	50	0		22.43			
10	16QAM	1	0		21.40		23	1
10	16QAM	1	25		21.38			
10	16QAM	1	49		21.42			
10	16QAM	25	0		21.43		22	2
10	16QAM	25	12		21.40			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.41			
10	64QAM	1	0		21.38		22	2
10	64QAM	1	25		21.37			
10	64QAM	1	49		21.40			
10	64QAM	25	0		20.44		21	3
10	64QAM	25	12		20.38			
10	64QAM	25	25		20.42			
10	64QAM	50	0		20.43			
10	256QAM	1	0		18.42		19	5
10	256QAM	1	25		18.40			
10	256QAM	1	49		18.38			
10	256QAM	25	0		18.45		19	5
10	256QAM	25	12		18.42			
10	256QAM	25	25		18.43			
10	256QAM	50	0		18.41			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.44	23.39	23.43	24	0
5	QPSK	1	12	23.37	23.39	23.41		
5	QPSK	1	24	23.37	23.41	23.38		
5	QPSK	12	0	22.44	22.42	22.40	23	1
5	QPSK	12	7	22.35	22.31	22.32		
5	QPSK	12	13	22.37	22.37	22.34		
5	QPSK	25	0	22.38	22.40	22.40		
5	16QAM	1	0	21.38	21.35	21.38	23	1
5	16QAM	1	12	21.34	21.33	21.35		
5	16QAM	1	24	21.38	21.39	21.35		
5	16QAM	12	0	21.42	21.42	21.38	22	2
5	16QAM	12	7	21.33	21.33	21.39		
5	16QAM	12	13	21.29	21.22	21.31		
5	16QAM	25	0	21.35	21.38	21.37		
5	64QAM	1	0	21.34	21.35	21.24	22	2
5	64QAM	1	12	21.33	21.34	21.31		
5	64QAM	1	24	21.32	21.29	21.26		
5	64QAM	12	0	20.42	20.41	20.43	21	3
5	64QAM	12	7	20.34	20.31	20.28		
5	64QAM	12	13	20.39	20.29	20.40		
5	64QAM	25	0	20.41	20.39	20.29		
5	256QAM	1	0	18.34	18.31	18.39	19	5
5	256QAM	1	12	18.28	18.29	18.39		
5	256QAM	1	24	18.36	18.37	18.37		
5	256QAM	12	0	18.40	18.41	18.31	19	5
5	256QAM	12	7	18.27	18.38	18.38		
5	256QAM	12	13	18.30	18.34	18.34		
5	256QAM	25	0	18.31	18.30	18.40		

Band 14_Ant 4(DSI 10/11/12)

BW [MHz]	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		28.99		29.5	0
10	QPSK	1	25		28.77			
10	QPSK	1	49		28.92			
10	QPSK	25	0		27.83		28.5	1
10	QPSK	25	12		27.76			
10	QPSK	25	25		27.81			
10	QPSK	50	0		27.75			
10	16QAM	1	0		27.98		28.5	1
10	16QAM	1	25		28.05			
10	16QAM	1	49		28.26			
10	16QAM	25	0		26.66		27.5	2
10	16QAM	25	12		26.73			
10	16QAM	25	25		26.83			
10	16QAM	50	0		26.73			
10	64QAM	1	0		27.08		27.5	2
10	64QAM	1	25		27.06			
10	64QAM	1	49		27.22			
10	64QAM	25	0		25.63		26.5	3
10	64QAM	25	12		25.75			
10	64QAM	25	25		25.81			
10	64QAM	50	0		25.73			
10	256QAM	1	0		23.82		24.5	5
10	256QAM	1	25		23.70			
10	256QAM	1	49		23.72			
10	256QAM	25	0		23.71		24.5	5
10	256QAM	25	12		23.77			
10	256QAM	25	25		23.70			
10	256QAM	50	0		23.73			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	28.86	28.92	28.91	29.5	0
5	QPSK	1	12	28.65	28.72	28.72		
5	QPSK	1	24	28.79	28.85	28.91		
5	QPSK	12	0	27.61	27.67	27.61	28.5	1
5	QPSK	12	7	27.75	27.76	27.75		
5	QPSK	12	13	27.80	27.68	27.70		
5	QPSK	25	0	27.62	27.73	27.60		
5	16QAM	1	0	27.87	27.89	27.85	28.5	1
5	16QAM	1	12	27.90	27.92	27.94		
5	16QAM	1	24	28.17	28.25	28.15		
5	16QAM	12	0	26.52	26.59	26.54	27.5	2
5	16QAM	12	7	26.71	26.72	26.68		
5	16QAM	12	13	26.72	26.69	26.77		
5	16QAM	25	0	26.60	26.61	26.66		
5	64QAM	1	0	27.02	26.96	27.02	27.5	2
5	64QAM	1	12	27.01	26.93	26.96		
5	64QAM	1	24	27.16	27.21	27.15		
5	64QAM	12	0	25.52	25.54	25.49	26.5	3
5	64QAM	12	7	25.61	25.64	25.66		
5	64QAM	12	13	25.67	25.77	25.77		
5	64QAM	25	0	25.65	25.65	25.70		
5	256QAM	1	0	23.77	23.75	23.68	24.5	5
5	256QAM	1	12	23.55	23.62	23.55		
5	256QAM	1	24	23.62	23.67	23.62		
5	256QAM	12	0	23.69	23.57	23.61	24.5	5
5	256QAM	12	7	23.65	23.62	23.67		
5	256QAM	12	13	23.64	23.62	23.64		
5	256QAM	25	0	23.69	23.61	23.67		

Band 25_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	22.35	22.45	22.44	23	0
20	QPSK	1	49	22.29	22.40	22.35		
20	QPSK	1	99	22.25	22.31	22.21		
20	QPSK	50	0	21.38	21.45	21.44	22	1
20	QPSK	50	24	21.30	21.34	21.23		
20	QPSK	50	50	21.37	21.38	21.34		
20	QPSK	100	0	21.37	21.41	21.39		
20	16QAM	1	0	21.64	21.76	21.73	22	1
20	16QAM	1	49	21.64	21.75	21.61		
20	16QAM	1	99	21.49	21.64	21.61		
20	16QAM	50	0	20.24	20.39	20.36	21	2
20	16QAM	50	24	20.41	20.48	20.47		
20	16QAM	50	50	20.34	20.40	20.30		
20	16QAM	100	0	20.31	20.41	20.34		
20	64QAM	1	0	21.49	21.53	21.48	22	1
20	64QAM	1	49	21.47	21.58	21.45		
20	64QAM	1	99	21.42	21.44	21.31		
20	64QAM	50	0	20.27	20.38	20.31	21	2
20	64QAM	50	24	20.42	20.43	20.35		
20	64QAM	50	50	20.27	20.38	20.29		
20	64QAM	100	0	20.34	20.43	20.37		
20	256QAM	1	0	17.16	17.13	17.18	18	5
20	256QAM	1	49	17.11	17.14	17.09		
20	256QAM	1	99	17.09	17.06	17.10		
20	256QAM	50	0	17.03	17.08	17.07	18	5
20	256QAM	50	24	17.06	17.14	17.13		
20	256QAM	50	50	17.09	17.06	17.07		
20	256QAM	100	0	17.13	17.08	17.17		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.25	22.39	22.31	23	0
15	QPSK	1	37	22.19	22.39	22.33		
15	QPSK	1	74	22.20	22.25	22.19		
15	QPSK	36	0	21.22	21.33	21.18	22	1
15	QPSK	36	20	21.34	21.39	21.43		
15	QPSK	36	39	21.31	21.27	21.33		
15	QPSK	75	0	21.31	21.33	21.26		
15	16QAM	1	0	21.58	21.75	21.63	22	1
15	16QAM	1	37	21.58	21.65	21.46		
15	16QAM	1	74	21.39	21.55	21.56		
15	16QAM	36	0	20.21	20.27	20.29	21	2
15	16QAM	36	20	20.29	20.45	20.44		
15	16QAM	36	39	20.28	20.35	20.29		
15	16QAM	75	0	20.20	20.33	20.24		
15	64QAM	1	0	21.36	21.50	21.40	22	1
15	64QAM	1	37	21.37	21.46	21.30		
15	64QAM	1	74	21.32	21.30	21.25		
15	64QAM	36	0	20.24	20.23	20.18	21	2
15	64QAM	36	20	20.30	20.30	20.24		
15	64QAM	36	39	20.15	20.34	20.24		
15	64QAM	75	0	20.29	20.28	20.24		
15	256QAM	1	0	17.09	17.06	17.04	18	5
15	256QAM	1	37	17.10	17.01	16.99		
15	256QAM	1	74	17.02	16.93	16.95		
15	256QAM	36	0	16.95	16.95	17.02	18	5
15	256QAM	36	20	16.93	17.12	17.10		
15	256QAM	36	39	16.94	16.99	17.01		
15	256QAM	75	0	17.05	16.93	17.08		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.24	22.38	22.39	23	0
10	QPSK	1	25	22.15	22.35	22.21		
10	QPSK	1	49	22.14	22.29	22.07		
10	QPSK	25	0	21.29	21.27	21.08	22	1
10	QPSK	25	12	21.26	21.31	21.43		
10	QPSK	25	25	21.25	21.33	21.32		
10	QPSK	50	0	21.33	21.31	21.27		
10	16QAM	1	0	21.59	21.73	21.63	22	1
10	16QAM	1	25	21.59	21.60	21.46		
10	16QAM	1	49	21.45	21.52	21.52		
10	16QAM	25	0	20.14	20.34	20.22	21	2
10	16QAM	25	12	20.33	20.34	20.34		
10	16QAM	25	25	20.31	20.26	20.20		
10	16QAM	50	0	20.21	20.32	20.28		
10	64QAM	1	0	21.45	21.41	21.42	22	1
10	64QAM	1	25	21.45	21.50	21.30		
10	64QAM	1	49	21.31	21.33	21.29		
10	64QAM	25	0	20.19	20.31	20.30	21	2
10	64QAM	25	12	20.29	20.28	20.33		
10	64QAM	25	25	20.12	20.36	20.14		
10	64QAM	50	0	20.22	20.38	20.29		
10	256QAM	1	0	17.03	17.01	17.08	18	5
10	256QAM	1	25	17.04	17.12	16.97		
10	256QAM	1	49	17.06	17.04	16.99		
10	256QAM	25	0	16.95	17.03	16.93	18	5
10	256QAM	25	12	16.99	17.07	17.08		
10	256QAM	25	25	17.03	17.01	17.04		
10	256QAM	50	0	17.00	16.93	17.04		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.33	22.31	22.39	23	0
5	QPSK	1	12	22.23	22.25	22.21		
5	QPSK	1	24	22.18	22.26	22.09		
5	QPSK	12	0	21.22	21.23	21.18	22	1
5	QPSK	12	7	21.35	21.35	21.33		
5	QPSK	12	13	21.31	21.24	21.20		
5	QPSK	25	0	21.29	21.27	21.35		
5	16QAM	1	0	21.50	21.71	21.70	22	1
5	16QAM	1	12	21.57	21.65	21.56		
5	16QAM	1	24	21.45	21.60	21.50		
5	16QAM	12	0	20.23	20.35	20.28	21	2
5	16QAM	12	7	20.40	20.37	20.33		
5	16QAM	12	13	20.23	20.27	20.17		
5	16QAM	25	0	20.26	20.35	20.23		
5	64QAM	1	0	21.42	21.49	21.42	22	1
5	64QAM	1	12	21.43	21.50	21.42		
5	64QAM	1	24	21.40	21.40	21.19		
5	64QAM	12	0	20.21	20.25	20.23	21	2
5	64QAM	12	7	20.30	20.34	20.20		
5	64QAM	12	13	20.15	20.24	20.17		
5	64QAM	25	0	20.28	20.39	20.28		
5	256QAM	1	0	17.09	17.04	17.10	18	5
5	256QAM	1	12	16.96	17.07	17.06		
5	256QAM	1	24	17.00	16.96	17.02		
5	256QAM	12	0	16.93	16.94	17.02	18	5
5	256QAM	12	7	16.98	17.01	17.12		
5	256QAM	12	13	17.01	16.91	16.95		
5	256QAM	25	0	17.10	17.04	17.05		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.33	22.37	22.31	23	0
3	QPSK	1	8	22.26	22.25	22.20		
3	QPSK	1	14	22.10	22.24	22.12		
3	QPSK	8	0	21.21	21.33	21.14	22	1
3	QPSK	8	4	21.26	21.30	21.43		
3	QPSK	8	7	21.29	21.37	21.23		
3	QPSK	15	0	21.24	21.30	21.30		
3	16QAM	1	0	21.49	21.71	21.70	22	1
3	16QAM	1	8	21.57	21.74	21.53		
3	16QAM	1	14	21.42	21.58	21.48		
3	16QAM	8	0	20.20	20.25	20.32	21	2
3	16QAM	8	4	20.35	20.35	20.35		
3	16QAM	8	7	20.33	20.37	20.22		
3	16QAM	15	0	20.24	20.33	20.24		
3	64QAM	1	0	21.48	21.48	21.35	22	1
3	64QAM	1	8	21.43	21.56	21.38		
3	64QAM	1	14	21.34	21.35	21.17		
3	64QAM	8	0	20.18	20.36	20.24	21	2
3	64QAM	8	4	20.35	20.32	20.21		
3	64QAM	8	7	20.22	20.28	20.22		
3	64QAM	15	0	20.28	20.38	20.34		
3	256QAM	1	0	17.12	17.12	17.13	18	5
3	256QAM	1	8	17.08	17.13	16.96		
3	256QAM	1	14	17.00	17.00	17.05		
3	256QAM	8	0	16.90	16.97	16.99	18	5
3	256QAM	8	4	16.94	17.11	16.98		
3	256QAM	8	7	16.94	16.97	17.03		
3	256QAM	15	0	17.08	16.94	17.15		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.30	22.42	22.42	23	0
1.4	QPSK	1	3	22.15	22.32	22.26		
1.4	QPSK	1	5	22.12	22.25	22.18		
1.4	QPSK	3	0	22.29	22.28	22.28		
1.4	QPSK	3	1	22.06	22.27	22.22		
1.4	QPSK	3	3	21.99	22.23	22.16		
1.4	QPSK	6	0	21.36	21.32	21.32	22	1
1.4	16QAM	1	0	21.51	21.71	21.58	22	1
1.4	16QAM	1	3	21.54	21.61	21.54		
1.4	16QAM	1	5	21.41	21.50	21.46		
1.4	16QAM	3	0	21.37	21.60	21.55		
1.4	16QAM	3	1	21.44	21.54	21.42		
1.4	16QAM	3	3	21.35	21.44	21.44		
1.4	16QAM	6	0	20.19	20.31	20.33	21	2
1.4	64QAM	1	0	21.40	21.40	21.35	22	1
1.4	64QAM	1	3	21.38	21.50	21.38		
1.4	64QAM	1	5	21.28	21.38	21.19		
1.4	64QAM	3	0	21.39	21.35	21.33		
1.4	64QAM	3	1	21.24	21.49	21.33		
1.4	64QAM	3	3	21.19	21.33	21.14		
1.4	64QAM	6	0	20.25	20.39	20.25	21	2
1.4	256QAM	1	0	17.10	16.98	17.08	18	5
1.4	256QAM	1	3	17.00	17.02	16.96		
1.4	256QAM	1	5	17.06	17.02	17.00		
1.4	256QAM	3	0	17.00	17.04	17.04		
1.4	256QAM	3	1	17.00	17.09	17.10		
1.4	256QAM	3	3	17.02	17.03	16.94		
1.4	256QAM	6	0	17.03	17.07	17.11	18	5

Band 25_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	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	21.65	21.70	21.63	22.5	0
20	QPSK	1	49	21.61	21.63	21.59		
20	QPSK	1	99	21.63	21.65	21.61		
20	QPSK	50	0	20.89	20.92	20.87	21.5	1
20	QPSK	50	24	20.83	20.89	20.86		
20	QPSK	50	50	20.88	20.89	20.85		
20	QPSK	100	0	20.85	20.90	20.83		
20	16QAM	1	0	20.82	20.90	20.82	21.5	1
20	16QAM	1	49	20.82	20.85	20.85		
20	16QAM	1	99	20.85	20.91	20.83		
20	16QAM	50	0	19.86	19.90	19.85	20.5	2
20	16QAM	50	24	19.81	19.86	19.78		
20	16QAM	50	50	19.79	19.88	19.80		
20	16QAM	100	0	19.82	19.84	19.78		
20	64QAM	1	0	19.85	19.89	19.79	20.5	2
20	64QAM	1	49	19.84	19.89	19.82		
20	64QAM	1	99	19.84	19.86	19.81		
20	64QAM	50	0	18.85	18.89	18.83	19.5	3
20	64QAM	50	24	18.81	18.88	18.79		
20	64QAM	50	50	18.78	18.82	18.76		
20	64QAM	100	0	18.84	18.82	18.76		
20	256QAM	1	0	16.82	16.82	16.76	17.5	5
20	256QAM	1	49	16.85	16.84	16.82		
20	256QAM	1	99	16.84	16.82	16.77		
20	256QAM	50	0	16.86	16.89	16.83	17.5	5
20	256QAM	50	24	16.80	16.82	16.79		
20	256QAM	50	50	16.83	16.85	16.82		
20	256QAM	100	0	16.79	16.88	16.79		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.60	21.64	21.59	22.5	0
15	QPSK	1	37	21.58	21.60	21.58		
15	QPSK	1	74	21.59	21.61	21.55		
15	QPSK	36	0	20.82	20.85	20.80	21.5	1
15	QPSK	36	20	20.77	20.88	20.85		
15	QPSK	36	39	20.87	20.86	20.80		
15	QPSK	75	0	20.83	20.89	20.79		
15	16QAM	1	0	20.81	20.84	20.79	21.5	1
15	16QAM	1	37	20.76	20.79	20.80		
15	16QAM	1	74	20.84	20.86	20.79		
15	16QAM	36	0	19.83	19.86	19.76	20.5	2
15	16QAM	36	20	19.75	19.77	19.71		
15	16QAM	36	39	19.70	19.77	19.65		
15	16QAM	75	0	19.72	19.79	19.69		
15	64QAM	1	0	19.73	19.77	19.77	20.5	2
15	64QAM	1	37	19.81	19.84	19.78		
15	64QAM	1	74	19.76	19.79	19.79		
15	64QAM	36	0	18.84	18.82	18.81	19.5	3
15	64QAM	36	20	18.72	18.77	18.67		
15	64QAM	36	39	18.72	18.67	18.65		
15	64QAM	75	0	18.78	18.77	18.74		
15	256QAM	1	0	16.71	16.74	16.66	17.5	5
15	256QAM	1	37	16.75	16.80	16.81		
15	256QAM	1	74	16.77	16.73	16.73		
15	256QAM	36	0	16.79	16.85	16.77	17.5	5
15	256QAM	36	20	16.66	16.75	16.76		
15	256QAM	36	39	16.68	16.71	16.68		
15	256QAM	75	0	16.65	16.76	16.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.61	21.65	21.59	22.5	0
10	QPSK	1	25	21.57	21.60	21.57		
10	QPSK	1	49	21.56	21.61	21.54		
10	QPSK	25	0	20.86	20.89	20.81	21.5	1
10	QPSK	25	12	20.78	20.87	20.84		
10	QPSK	25	25	20.83	20.86	20.79		
10	QPSK	50	0	20.83	20.89	20.77		
10	16QAM	1	0	20.80	20.88	20.76	21.5	1
10	16QAM	1	25	20.75	20.78	20.81		
10	16QAM	1	49	20.76	20.83	20.75		
10	16QAM	25	0	19.84	19.81	19.78	20.5	2
10	16QAM	25	12	19.75	19.85	19.70		
10	16QAM	25	25	19.66	19.74	19.78		
10	16QAM	50	0	19.68	19.70	19.66		
10	64QAM	1	0	19.79	19.84	19.70	20.5	2
10	64QAM	1	25	19.76	19.84	19.81		
10	64QAM	1	49	19.80	19.73	19.76		
10	64QAM	25	0	18.73	18.80	18.75	19.5	3
10	64QAM	25	12	18.72	18.84	18.76		
10	64QAM	25	25	18.69	18.76	18.65		
10	64QAM	50	0	18.82	18.76	18.63		
10	256QAM	1	0	16.75	16.72	16.64	17.5	5
10	256QAM	1	25	16.84	16.71	16.69		
10	256QAM	1	49	16.74	16.70	16.67		
10	256QAM	25	0	16.73	16.84	16.81	17.5	5
10	256QAM	25	12	16.77	16.72	16.71		
10	256QAM	25	25	16.71	16.72	16.70		
10	256QAM	50	0	16.72	16.77	16.69		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.63	21.63	21.60	22.5	0
5	QPSK	1	12	21.58	21.57	21.55		
5	QPSK	1	24	21.57	21.63	21.54		
5	QPSK	12	0	20.84	20.90	20.86	21.5	1
5	QPSK	12	7	20.82	20.82	20.85		
5	QPSK	12	13	20.84	20.84	20.78		
5	QPSK	25	0	20.82	20.83	20.80		
5	16QAM	1	0	20.75	20.83	20.81	21.5	1
5	16QAM	1	12	20.79	20.82	20.82		
5	16QAM	1	24	20.82	20.86	20.82		
5	16QAM	12	0	19.80	19.84	19.84	20.5	2
5	16QAM	12	7	19.77	19.84	19.72		
5	16QAM	12	13	19.68	19.82	19.76		
5	16QAM	25	0	19.79	19.75	19.65		
5	64QAM	1	0	19.81	19.85	19.64	20.5	2
5	64QAM	1	12	19.79	19.86	19.78		
5	64QAM	1	24	19.73	19.81	19.67		
5	64QAM	12	0	18.75	18.78	18.71	19.5	3
5	64QAM	12	7	18.70	18.79	18.69		
5	64QAM	12	13	18.75	18.77	18.62		
5	64QAM	25	0	18.69	18.69	18.71		
5	256QAM	1	0	16.81	16.73	16.67	17.5	5
5	256QAM	1	12	16.81	16.71	16.80		
5	256QAM	1	24	16.78	16.70	16.69		
5	256QAM	12	0	16.83	16.82	16.69	17.5	5
5	256QAM	12	7	16.77	16.80	16.72		
5	256QAM	12	13	16.80	16.81	16.70		
5	256QAM	25	0	16.74	16.75	16.74		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.58	21.68	21.57	22.5	0
3	QPSK	1	8	21.60	21.62	21.57		
3	QPSK	1	14	21.60	21.63	21.58		
3	QPSK	8	0	20.82	20.89	20.81	21.5	1
3	QPSK	8	4	20.81	20.86	20.84		
3	QPSK	8	7	20.86	20.83	20.79		
3	QPSK	15	0	20.81	20.86	20.77		
3	16QAM	1	0	20.75	20.89	20.78	21.5	1
3	16QAM	1	8	20.76	20.78	20.82		
3	16QAM	1	14	20.81	20.83	20.77		
3	16QAM	8	0	19.83	19.81	19.80	20.5	2
3	16QAM	8	4	19.75	19.82	19.75		
3	16QAM	8	7	19.70	19.77	19.66		
3	16QAM	15	0	19.76	19.73	19.68		
3	64QAM	1	0	19.75	19.84	19.75	20.5	2
3	64QAM	1	8	19.71	19.85	19.71		
3	64QAM	1	14	19.72	19.72	19.75		
3	64QAM	8	0	18.77	18.75	18.77	19.5	3
3	64QAM	8	4	18.67	18.74	18.68		
3	64QAM	8	7	18.72	18.72	18.74		
3	64QAM	15	0	18.70	18.68	18.61		
3	256QAM	1	0	16.75	16.74	16.62	17.5	5
3	256QAM	1	8	16.82	16.70	16.81		
3	256QAM	1	14	16.74	16.75	16.66		
3	256QAM	8	0	16.76	16.83	16.71	17.5	5
3	256QAM	8	4	16.72	16.70	16.68		
3	256QAM	8	7	16.74	16.75	16.81		
3	256QAM	15	0	16.78	16.76	16.73		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.60	21.68	21.57	22.5	0
1.4	QPSK	1	3	21.60	21.60	21.58		
1.4	QPSK	1	5	21.57	21.64	21.54		
1.4	QPSK	3	0	21.60	21.69	21.59		
1.4	QPSK	3	1	21.56	21.60	21.52		
1.4	QPSK	3	3	21.61	21.61	21.59		
1.4	QPSK	6	0	20.82	20.88	20.85	21.5	1
1.4	16QAM	1	0	20.80	20.86	20.83	21.5	1
1.4	16QAM	1	3	20.87	20.88	20.81		
1.4	16QAM	1	5	20.81	20.88	20.76		
1.4	16QAM	3	0	20.77	20.87	20.79		
1.4	16QAM	3	1	20.77	20.84	20.82		
1.4	16QAM	3	3	20.80	20.89	20.79		
1.4	16QAM	6	0	19.78	19.84	19.81	20.5	2
1.4	64QAM	1	0	19.80	19.77	19.74	20.5	2
1.4	64QAM	1	3	19.73	19.75	19.73		
1.4	64QAM	1	5	19.78	19.79	19.77		
1.4	64QAM	3	0	19.77	19.83	19.70		
1.4	64QAM	3	1	19.73	19.86	19.72		
1.4	64QAM	3	3	19.80	19.79	19.70		
1.4	64QAM	6	0	18.83	18.85	18.76	19.5	3
1.4	256QAM	1	0	16.75	16.81	16.74	17.5	5
1.4	256QAM	1	3	16.76	16.79	16.77		
1.4	256QAM	1	5	16.76	16.76	16.74		
1.4	256QAM	3	0	16.78	16.86	16.69		
1.4	256QAM	3	1	16.73	16.77	16.69		
1.4	256QAM	3	3	16.69	16.78	16.80		
1.4	256QAM	6	0	16.72	16.76	16.70	17.5	5

Band 26(FCC)_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	23.51	23.53	23.46	24	0
15	QPSK	1	37	23.47	23.52	23.41		
15	QPSK	1	74	23.44	23.46	23.42		
15	QPSK	36	0	22.48	22.40	22.44	23	1
15	QPSK	36	20	22.46	22.45	22.42		
15	QPSK	36	39	22.45	22.45	22.37		
15	QPSK	75	0	22.41	22.45	22.39		
15	16QAM	1	0	22.42	22.45	22.40	23	1
15	16QAM	1	37	22.44	22.48	22.39		
15	16QAM	1	74	22.43	22.45	22.41		
15	16QAM	36	0	21.48	21.50	21.45	22	2
15	16QAM	36	20	21.44	21.49	21.44		
15	16QAM	36	39	21.47	21.48	21.43		
15	16QAM	75	0	21.43	21.45	21.43		
15	64QAM	1	0	21.42	21.46	21.41	22	2
15	64QAM	1	37	21.45	21.47	21.42		
15	64QAM	1	74	21.45	21.48	21.41		
15	64QAM	36	0	20.48	20.50	20.46	21	3
15	64QAM	36	20	20.45	20.46	20.40		
15	64QAM	36	39	20.43	20.43	20.43		
15	64QAM	75	0	20.43	20.49	20.43		
15	256QAM	1	0	18.43	18.49	18.39	19	5
15	256QAM	1	37	18.41	18.50	18.39		
15	256QAM	1	74	18.43	18.44	18.43		
15	256QAM	36	0	18.47	18.51	18.45	19	5
15	256QAM	36	20	18.40	18.48	18.41		
15	256QAM	36	39	18.40	18.50	18.38		
15	256QAM	75	0	18.43	18.50	18.40		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.49	23.51	23.43	24	0
10	QPSK	1	25	23.40	23.47	23.34		
10	QPSK	1	49	23.41	23.45	23.40		
10	QPSK	25	0	22.41	22.48	22.40	23	1
10	QPSK	25	12	22.39	22.42	22.35		
10	QPSK	25	25	22.40	22.44	22.31		
10	QPSK	50	0	22.36	22.44	22.32		
10	16QAM	1	0	22.35	22.44	22.38	23	1
10	16QAM	1	25	22.42	22.43	22.33		
10	16QAM	1	49	22.40	22.37	22.36		
10	16QAM	25	0	21.44	21.47	21.40	22	2
10	16QAM	25	12	21.35	21.47	21.41		
10	16QAM	25	25	21.32	21.40	21.37		
10	16QAM	50	0	21.41	21.42	21.41		
10	64QAM	1	0	21.28	21.38	21.26	22	2
10	64QAM	1	25	21.31	21.40	21.40		
10	64QAM	1	49	21.40	21.37	21.34		
10	64QAM	25	0	20.39	20.38	20.42	21	3
10	64QAM	25	12	20.35	20.36	20.36		
10	64QAM	25	25	20.41	20.35	20.36		
10	64QAM	50	0	20.39	20.48	20.29		
10	256QAM	1	0	18.33	18.38	18.33	19	5
10	256QAM	1	25	18.38	18.36	18.24		
10	256QAM	1	49	18.32	18.43	18.31		
10	256QAM	25	0	18.33	18.41	18.42	19	5
10	256QAM	25	12	18.29	18.39	18.38		
10	256QAM	25	25	18.37	18.43	18.32		
10	256QAM	50	0	18.28	18.48	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.48	23.51	23.42	24	0
5	QPSK	1	12	23.43	23.46	23.34		
5	QPSK	1	24	23.39	23.40	23.39		
5	QPSK	12	0	22.42	22.46	22.41	23	1
5	QPSK	12	7	22.45	22.40	22.36		
5	QPSK	12	13	22.40	22.41	22.35		
5	QPSK	25	0	22.38	22.40	22.37		
5	16QAM	1	0	22.41	22.39	22.33	23	1
5	16QAM	1	12	22.41	22.46	22.38		
5	16QAM	1	24	22.37	22.41	22.33		
5	16QAM	12	0	21.39	21.44	21.38	22	2
5	16QAM	12	7	21.37	21.48	21.40		
5	16QAM	12	13	21.42	21.47	21.36		
5	16QAM	25	0	21.34	21.38	21.33		
5	64QAM	1	0	21.29	21.33	21.32	22	2
5	64QAM	1	12	21.41	21.45	21.37		
5	64QAM	1	24	21.43	21.44	21.27		
5	64QAM	12	0	20.33	20.41	20.36	21	3
5	64QAM	12	7	20.31	20.36	20.31		
5	64QAM	12	13	20.41	20.28	20.37		
5	64QAM	25	0	20.32	20.42	20.35		
5	256QAM	1	0	18.35	18.34	18.32	19	5
5	256QAM	1	12	18.40	18.38	18.33		
5	256QAM	1	24	18.34	18.37	18.37		
5	256QAM	12	0	18.36	18.46	18.35	19	5
5	256QAM	12	7	18.25	18.36	18.28		
5	256QAM	12	13	18.25	18.41	18.33		
5	256QAM	25	0	18.34	18.41	18.27		
Channel				26705	26855	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.49	23.49	23.41	24	0
3	QPSK	1	8	23.41	23.47	23.36		
3	QPSK	1	14	23.39	23.43	23.40		
3	QPSK	8	0	22.46	22.42	22.37	23	1
3	QPSK	8	4	22.42	22.44	22.38		
3	QPSK	8	7	22.44	22.38	22.34		
3	QPSK	15	0	22.40	22.44	22.33		
3	16QAM	1	0	22.37	22.40	22.33	23	1
3	16QAM	1	8	22.38	22.44	22.38		
3	16QAM	1	14	22.40	22.40	22.32		
3	16QAM	8	0	21.39	21.43	21.37	22	2
3	16QAM	8	4	21.43	21.41	21.43		
3	16QAM	8	7	21.41	21.38	21.33		
3	16QAM	15	0	21.39	21.37	21.36		
3	64QAM	1	0	21.38	21.42	21.27	22	2
3	64QAM	1	8	21.40	21.34	21.29		
3	64QAM	1	14	21.34	21.33	21.31		
3	64QAM	8	0	20.40	20.43	20.31	21	3
3	64QAM	8	4	20.31	20.37	20.35		
3	64QAM	8	7	20.40	20.40	20.34		
3	64QAM	15	0	20.42	20.46	20.28		
3	256QAM	1	0	18.41	18.39	18.37	19	5
3	256QAM	1	8	18.33	18.45	18.30		
3	256QAM	1	14	18.33	18.39	18.38		
3	256QAM	8	0	18.32	18.37	18.36	19	5
3	256QAM	8	4	18.35	18.33	18.33		
3	256QAM	8	7	18.26	18.39	18.23		
3	256QAM	15	0	18.29	18.46	18.36		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.44	23.52	23.45	24	0
1.4	QPSK	1	3	23.45	23.47	23.34		
1.4	QPSK	1	5	23.43	23.41	23.41		
1.4	QPSK	3	0	23.50	23.50	23.41		
1.4	QPSK	3	1	23.42	23.50	23.37		
1.4	QPSK	3	3	23.40	23.40	23.36		
1.4	QPSK	6	0	22.43	22.44	22.41	23	1
1.4	16QAM	1	0	22.43	22.44	22.39	23	1
1.4	16QAM	1	3	22.38	22.42	22.30		
1.4	16QAM	1	5	22.34	22.42	22.36		
1.4	16QAM	3	0	22.40	22.43	22.34		
1.4	16QAM	3	1	22.39	22.46	22.34		
1.4	16QAM	3	3	22.41	22.38	22.37		
1.4	16QAM	6	0	21.42	21.44	21.42	22	2
1.4	64QAM	1	0	21.38	21.40	21.41	22	2
1.4	64QAM	1	3	21.39	21.34	21.30		
1.4	64QAM	1	5	21.31	21.33	21.42		
1.4	64QAM	3	0	21.36	21.37	21.32		
1.4	64QAM	3	1	21.44	21.43	21.30		
1.4	64QAM	3	3	21.34	21.46	21.32		
1.4	64QAM	6	0	20.38	20.46	20.37	21	3
1.4	256QAM	1	0	18.35	18.45	18.30	19	5
1.4	256QAM	1	3	18.29	18.47	18.30		
1.4	256QAM	1	5	18.35	18.41	18.28		
1.4	256QAM	3	0	18.37	18.47	18.33		
1.4	256QAM	3	1	18.32	18.35	18.26		
1.4	256QAM	3	3	18.26	18.45	18.23		
1.4	256QAM	6	0	18.40	18.45	18.39	19	5

Band 30_Ant 0(DSI 6/8/9/12)

BW [MHz]	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		23.11		24	0
10	QPSK	1	25		23.05			
10	QPSK	1	49		23.08			
10	QPSK	25	0		21.98		23	1
10	QPSK	25	12		21.92			
10	QPSK	25	25		21.95			
10	QPSK	50	0		21.95			
10	16QAM	1	0		21.93		23	1
10	16QAM	1	25		21.92			
10	16QAM	1	49		21.90			
10	16QAM	25	0		20.98		22	2
10	16QAM	25	12		20.92			
10	16QAM	25	25		20.95			
10	16QAM	50	0		20.91			
10	64QAM	1	0		20.93		22	2
10	64QAM	1	25		20.90			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.01		21	3
10	64QAM	25	12		19.98			
10	64QAM	25	25		19.95			
10	64QAM	50	0		20.00			
10	256QAM	1	0		17.98		19	5
10	256QAM	1	25		18.01			
10	256QAM	1	49		17.95			
10	256QAM	25	0		18.03		19	5
10	256QAM	25	12		17.93			
10	256QAM	25	25		18.02			
10	256QAM	50	0		18.01			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.10	23.04	23.05	24	0
5	QPSK	1	12	22.99	23.02	23.04		
5	QPSK	1	24	23.04	23.04	23.01		
5	QPSK	12	0	21.91	21.91	21.93	23	1
5	QPSK	12	7	21.86	21.91	21.89		
5	QPSK	12	13	21.88	21.89	21.93		
5	QPSK	25	0	21.93	21.94	21.94		
5	16QAM	1	0	21.89	21.92	21.90	23	1
5	16QAM	1	12	21.87	21.89	21.91		
5	16QAM	1	24	21.87	21.85	21.88		
5	16QAM	12	0	20.93	20.91	20.90	22	2
5	16QAM	12	7	20.89	20.88	20.89		
5	16QAM	12	13	20.89	20.88	20.84		
5	16QAM	25	0	20.86	20.80	20.77		
5	64QAM	1	0	20.78	20.90	20.83	22	2
5	64QAM	1	12	20.87	20.83	20.89		
5	64QAM	1	24	20.81	20.86	20.79		
5	64QAM	12	0	19.94	19.86	19.87	21	3
5	64QAM	12	7	19.83	19.92	19.91		
5	64QAM	12	13	19.93	19.92	19.85		
5	64QAM	25	0	19.87	19.99	19.86		
5	256QAM	1	0	17.97	17.87	17.97	19	5
5	256QAM	1	12	17.94	17.92	17.90		
5	256QAM	1	24	17.82	17.90	17.92		
5	256QAM	12	0	17.93	17.95	17.91	19	5
5	256QAM	12	7	17.87	17.82	17.82		
5	256QAM	12	13	17.98	17.96	17.96		
5	256QAM	25	0	17.91	17.93	17.94		

Band 30_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	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		22.35		23.5	0
10	QPSK	1	25		22.33			
10	QPSK	1	49		22.30			
10	QPSK	25	0		21.63		22.5	1
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.60			
10	QPSK	50	0		21.61			
10	16QAM	1	0		21.57		22.5	1
10	16QAM	1	25		21.55			
10	16QAM	1	49		21.54			
10	16QAM	25	0		20.58		21.5	2
10	16QAM	25	12		20.52			
10	16QAM	25	25		20.56			
10	16QAM	50	0		20.55			
10	64QAM	1	0		20.56		21.5	2
10	64QAM	1	25		20.52			
10	64QAM	1	49		20.57			
10	64QAM	25	0		19.62		20.5	3
10	64QAM	25	12		19.58			
10	64QAM	25	25		19.60			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.55		18.5	5
10	256QAM	1	25		17.58			
10	256QAM	1	49		17.53			
10	256QAM	25	0		17.58		18.5	5
10	256QAM	25	12		17.52			
10	256QAM	25	25		17.56			
10	256QAM	50	0		17.54			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.29	22.33	22.30	23.5	0
5	QPSK	1	12	22.29	22.32	22.29		
5	QPSK	1	24	22.28	22.25	22.29		
5	QPSK	12	0	21.59	21.62	21.56	22.5	1
5	QPSK	12	7	21.55	21.57	21.53		
5	QPSK	12	13	21.59	21.54	21.53		
5	QPSK	25	0	21.55	21.54	21.57		
5	16QAM	1	0	21.55	21.54	21.52	22.5	1
5	16QAM	1	12	21.52	21.49	21.52		
5	16QAM	1	24	21.53	21.48	21.53		
5	16QAM	12	0	20.52	20.54	20.53	21.5	2
5	16QAM	12	7	20.47	20.51	20.48		
5	16QAM	12	13	20.52	20.55	20.54		
5	16QAM	25	0	20.46	20.44	20.45		
5	64QAM	1	0	20.50	20.46	20.43	21.5	2
5	64QAM	1	12	20.42	20.40	20.40		
5	64QAM	1	24	20.55	20.49	20.47		
5	64QAM	12	0	19.57	19.53	19.54	20.5	3
5	64QAM	12	7	19.48	19.55	19.53		
5	64QAM	12	13	19.59	19.54	19.58		
5	64QAM	25	0	19.57	19.49	19.56		
5	256QAM	1	0	17.51	17.46	17.49	18.5	5
5	256QAM	1	12	17.53	17.51	17.45		
5	256QAM	1	24	17.41	17.45	17.49		
5	256QAM	12	0	17.43	17.57	17.56	18.5	5
5	256QAM	12	7	17.47	17.45	17.37		
5	256QAM	12	13	17.43	17.42	17.52		
5	256QAM	25	0	17.50	17.52	17.53		

Band 66_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	21.90	21.97	21.96	22.5	0
20	QPSK	1	49	21.75	21.87	21.72		
20	QPSK	1	99	21.60	21.68	21.64		
20	QPSK	50	0	20.93	20.96	20.90	21.5	1
20	QPSK	50	24	20.82	20.91	20.86		
20	QPSK	50	50	20.77	20.88	20.80		
20	QPSK	100	0	20.82	20.91	20.79		
20	16QAM	1	0	21.24	21.26	21.18	21.5	1
20	16QAM	1	49	21.13	21.25	21.20		
20	16QAM	1	99	20.97	21.04	21.01		
20	16QAM	50	0	19.59	19.60	19.45	20.5	2
20	16QAM	50	24	19.94	19.98	19.86		
20	16QAM	50	50	19.86	19.88	19.80		
20	16QAM	100	0	19.89	19.92	19.83		
20	64QAM	1	0	21.01	21.08	21.07	21.5	1
20	64QAM	1	49	20.91	21.00	20.95		
20	64QAM	1	99	20.87	20.95	20.86		
20	64QAM	50	0	19.86	19.91	19.77	20.5	2
20	64QAM	50	24	19.90	20.00	19.95		
20	64QAM	50	50	19.74	19.88	19.85		
20	64QAM	100	0	19.85	19.95	19.87		
20	256QAM	1	0	16.57	16.63	16.52	17.5	5
20	256QAM	1	49	16.43	16.55	16.53		
20	256QAM	1	99	16.55	16.56	16.49		
20	256QAM	50	0	16.53	16.54	16.41	17.5	5
20	256QAM	50	24	16.48	16.50	16.40		
20	256QAM	50	50	16.57	16.62	16.49		
20	256QAM	100	0	16.54	16.60	16.56		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.80	21.93	21.92	22.5	0
15	QPSK	1	37	21.60	21.80	21.63		
15	QPSK	1	74	21.55	21.61	21.49		
15	QPSK	36	0	20.74	20.82	20.74	21.5	1
15	QPSK	36	20	20.89	20.92	20.76		
15	QPSK	36	39	20.71	20.85	20.79		
15	QPSK	75	0	20.75	20.88	20.67		
15	16QAM	1	0	21.10	21.20	21.14	21.5	1
15	16QAM	1	37	21.08	21.14	21.11		
15	16QAM	1	74	20.92	20.94	20.90		
15	16QAM	36	0	19.56	19.48	19.43	20.5	2
15	16QAM	36	20	19.92	19.88	19.83		
15	16QAM	36	39	19.72	19.76	19.74		
15	16QAM	75	0	19.88	19.89	19.71		
15	64QAM	1	0	21.00	20.94	20.95	21.5	1
15	64QAM	1	37	20.76	20.86	20.87		
15	64QAM	1	74	20.86	20.80	20.79		
15	64QAM	36	0	19.80	19.83	19.63	20.5	2
15	64QAM	36	20	19.89	19.87	19.85		
15	64QAM	36	39	19.65	19.86	19.71		
15	64QAM	75	0	19.75	19.90	19.74		
15	256QAM	1	0	16.47	16.60	16.46	17.5	5
15	256QAM	1	37	16.40	16.44	16.45		
15	256QAM	1	74	16.51	16.55	16.46		
15	256QAM	36	0	16.39	16.47	16.33	17.5	5
15	256QAM	36	20	16.43	16.40	16.29		
15	256QAM	36	39	16.49	16.60	16.47		
15	256QAM	75	0	16.48	16.53	16.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.79	21.84	21.88	22.5	0
10	QPSK	1	25	21.66	21.75	21.63		
10	QPSK	1	49	21.59	21.57	21.53		
10	QPSK	25	0	20.79	20.87	20.80	21.5	1
10	QPSK	25	12	20.82	20.84	20.85		
10	QPSK	25	25	20.62	20.79	20.74		
10	QPSK	50	0	20.80	20.76	20.71		
10	16QAM	1	0	21.15	21.22	21.17	21.5	1
10	16QAM	1	25	21.12	21.19	21.05		
10	16QAM	1	49	20.92	20.91	20.90		
10	16QAM	25	0	19.46	19.55	19.44	20.5	2
10	16QAM	25	12	19.80	19.87	19.71		
10	16QAM	25	25	19.78	19.76	19.73		
10	16QAM	50	0	19.74	19.83	19.70		
10	64QAM	1	0	20.87	21.06	21.04	21.5	1
10	64QAM	1	25	20.87	20.94	20.89		
10	64QAM	1	49	20.85	20.86	20.73		
10	64QAM	25	0	19.72	19.77	19.63	20.5	2
10	64QAM	25	12	19.86	19.98	19.81		
10	64QAM	25	25	19.60	19.80	19.84		
10	64QAM	50	0	19.79	19.80	19.75		
10	256QAM	1	0	16.48	16.62	16.37	17.5	5
10	256QAM	1	25	16.39	16.44	16.44		
10	256QAM	1	49	16.51	16.48	16.34		
10	256QAM	25	0	16.42	16.42	16.27	17.5	5
10	256QAM	25	12	16.37	16.48	16.34		
10	256QAM	25	25	16.54	16.47	16.38		
10	256QAM	50	0	16.51	16.53	16.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.82	21.90	21.85	22.5	0
5	QPSK	1	12	21.69	21.72	21.57		
5	QPSK	1	24	21.50	21.57	21.62		
5	QPSK	12	0	20.75	20.85	20.79	21.5	1
5	QPSK	12	7	20.90	20.86	20.84		
5	QPSK	12	13	20.64	20.84	20.71		
5	QPSK	25	0	20.79	20.79	20.71		
5	16QAM	1	0	21.13	21.18	21.04	21.5	1
5	16QAM	1	12	21.05	21.13	21.19		
5	16QAM	1	24	20.96	21.01	20.86		
5	16QAM	12	0	19.55	19.57	19.30	20.5	2
5	16QAM	12	7	19.85	19.92	19.79		
5	16QAM	12	13	19.81	19.86	19.70		
5	16QAM	25	0	19.87	19.83	19.69		
5	64QAM	1	0	20.88	20.98	20.95	21.5	1
5	64QAM	1	12	20.85	20.99	20.86		
5	64QAM	1	24	20.78	20.80	20.79		
5	64QAM	12	0	19.85	19.85	19.73	20.5	2
5	64QAM	12	7	19.82	19.88	19.90		
5	64QAM	12	13	19.72	19.87	19.80		
5	64QAM	25	0	19.81	19.89	19.81		
5	256QAM	1	0	16.48	16.58	16.51	17.5	5
5	256QAM	1	12	16.41	16.53	16.50		
5	256QAM	1	24	16.49	16.52	16.36		
5	256QAM	12	0	16.38	16.52	16.39	17.5	5
5	256QAM	12	7	16.47	16.44	16.33		
5	256QAM	12	13	16.47	16.61	16.45		
5	256QAM	25	0	16.51	16.50	16.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.83	21.90	21.87	22.5	0
3	QPSK	1	8	21.68	21.77	21.67		
3	QPSK	1	14	21.58	21.60	21.52		
3	QPSK	8	0	20.78	20.89	20.85	21.5	1
3	QPSK	8	4	20.81	20.90	20.82		
3	QPSK	8	7	20.69	20.74	20.79		
3	QPSK	15	0	20.72	20.81	20.64		
3	16QAM	1	0	21.21	21.18	21.17	21.5	1
3	16QAM	1	8	21.04	21.10	21.09		
3	16QAM	1	14	20.96	21.03	20.89		
3	16QAM	8	0	19.48	19.52	19.36	20.5	2
3	16QAM	8	4	19.84	19.89	19.75		
3	16QAM	8	7	19.77	19.74	19.72		
3	16QAM	15	0	19.82	19.88	19.79		
3	64QAM	1	0	20.97	21.04	20.96	21.5	1
3	64QAM	1	8	20.84	20.95	20.82		
3	64QAM	1	14	20.84	20.86	20.72		
3	64QAM	8	0	19.76	19.85	19.63	20.5	2
3	64QAM	8	4	19.84	19.91	19.94		
3	64QAM	8	7	19.70	19.86	19.84		
3	64QAM	15	0	19.80	19.90	19.84		
3	256QAM	1	0	16.54	16.62	16.45	17.5	5
3	256QAM	1	8	16.31	16.42	16.44		
3	256QAM	1	14	16.47	16.42	16.38		
3	256QAM	8	0	16.45	16.41	16.33	17.5	5
3	256QAM	8	4	16.44	16.38	16.30		
3	256QAM	8	7	16.46	16.54	16.35		
3	256QAM	15	0	16.44	16.57	16.45		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.81	21.91	21.83	22.5	0
1.4	QPSK	1	3	21.64	21.74	21.60		
1.4	QPSK	1	5	21.45	21.67	21.53		
1.4	QPSK	3	0	21.80	21.82	21.70		
1.4	QPSK	3	1	21.53	21.73	21.48		
1.4	QPSK	3	3	21.41	21.60	21.40		
1.4	QPSK	6	0	20.78	20.83	20.77	21.5	1
1.4	16QAM	1	0	21.23	21.18	21.09	21.5	1
1.4	16QAM	1	3	21.04	21.12	21.05		
1.4	16QAM	1	5	20.90	21.00	20.98		
1.4	16QAM	3	0	21.12	21.08	21.04		
1.4	16QAM	3	1	21.02	21.04	20.94		
1.4	16QAM	3	3	20.83	20.87	20.90		
1.4	16QAM	6	0	19.81	19.81	19.70	20.5	2
1.4	64QAM	1	0	20.92	21.03	20.99	21.5	1
1.4	64QAM	1	3	20.80	20.98	20.81		
1.4	64QAM	1	5	20.74	20.82	20.71		
1.4	64QAM	3	0	20.88	21.01	20.88		
1.4	64QAM	3	1	20.74	20.85	20.66		
1.4	64QAM	3	3	20.64	20.81	20.56		
1.4	64QAM	6	0	19.74	19.82	19.79	20.5	2
1.4	256QAM	1	0	16.56	16.50	16.42	17.5	5
1.4	256QAM	1	3	16.39	16.47	16.41		
1.4	256QAM	1	5	16.51	16.47	16.40		
1.4	256QAM	3	0	16.39	16.46	16.32		
1.4	256QAM	3	1	16.39	16.45	16.30		
1.4	256QAM	3	3	16.42	16.60	16.48		
1.4	256QAM	6	0	16.42	16.51	16.42	17.5	5

Band 66_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	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	21.95	21.98	21.93	23	0
20	QPSK	1	49	21.88	21.94	21.92		
20	QPSK	1	99	21.92	21.96	21.86		
20	QPSK	50	0	21.32	21.35	21.31	22	1
20	QPSK	50	24	21.30	21.32	21.26		
20	QPSK	50	50	21.30	21.31	21.29		
20	QPSK	100	0	21.31	21.33	21.30		
20	16QAM	1	0	21.31	21.31	21.28	22	1
20	16QAM	1	49	21.28	21.33	21.29		
20	16QAM	1	99	21.30	21.30	21.27		
20	16QAM	50	0	20.32	20.34	20.30	21	2
20	16QAM	50	24	20.25	20.30	20.26		
20	16QAM	50	50	20.26	20.29	20.27		
20	16QAM	100	0	20.27	20.28	20.26		
20	64QAM	1	0	20.27	20.30	20.28	21	2
20	64QAM	1	49	20.28	20.27	20.29		
20	64QAM	1	99	20.27	20.28	20.29		
20	64QAM	50	0	19.31	19.33	19.30	20	3
20	64QAM	50	24	19.28	19.31	19.24		
20	64QAM	50	50	19.25	19.28	19.28		
20	64QAM	100	0	19.25	19.30	19.29		
20	256QAM	1	0	17.27	17.32	17.29	18	5
20	256QAM	1	49	17.29	17.33	17.24		
20	256QAM	1	99	17.32	17.31	17.28		
20	256QAM	50	0	17.33	17.36	17.31	18	5
20	256QAM	50	24	17.26	17.32	17.26		
20	256QAM	50	50	17.32	17.35	17.24		
20	256QAM	100	0	17.27	17.31	17.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.93	21.95	21.88	23	0
15	QPSK	1	37	21.84	21.87	21.90		
15	QPSK	1	74	21.91	21.92	21.79		
15	QPSK	36	0	21.30	21.33	21.30	22	1
15	QPSK	36	20	21.27	21.28	21.23		
15	QPSK	36	39	21.26	21.28	21.22		
15	QPSK	75	0	21.24	21.27	21.28		
15	16QAM	1	0	21.28	21.26	21.23	22	1
15	16QAM	1	37	21.24	21.32	21.24		
15	16QAM	1	74	21.23	21.23	21.19		
15	16QAM	36	0	20.25	20.25	20.26	21	2
15	16QAM	36	20	20.17	20.23	20.24		
15	16QAM	36	39	20.16	20.28	20.26		
15	16QAM	75	0	20.18	20.21	20.15		
15	64QAM	1	0	20.26	20.25	20.16	21	2
15	64QAM	1	37	20.19	20.21	20.20		
15	64QAM	1	74	20.17	20.18	20.17		
15	64QAM	36	0	19.19	19.31	19.20	20	3
15	64QAM	36	20	19.20	19.21	19.16		
15	64QAM	36	39	19.14	19.22	19.13		
15	64QAM	75	0	19.21	19.27	19.25		
15	256QAM	1	0	17.21	17.19	17.23	18	5
15	256QAM	1	37	17.23	17.31	17.14		
15	256QAM	1	74	17.30	17.21	17.20		
15	256QAM	36	0	17.23	17.28	17.19	18	5
15	256QAM	36	20	17.23	17.20	17.20		
15	256QAM	36	39	17.17	17.28	17.12		
15	256QAM	75	0	17.17	17.28	17.21		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.88	21.97	21.87	23	0
10	QPSK	1	25	21.81	21.87	21.85		
10	QPSK	1	49	21.87	21.89	21.81		
10	QPSK	25	0	21.30	21.31	21.25	22	1
10	QPSK	25	12	21.23	21.27	21.25		
10	QPSK	25	25	21.26	21.24	21.22		
10	QPSK	50	0	21.30	21.27	21.28		
10	16QAM	1	0	21.27	21.28	21.24	22	1
10	16QAM	1	25	21.27	21.28	21.22		
10	16QAM	1	49	21.29	21.21	21.23		
10	16QAM	25	0	20.25	20.26	20.28	21	2
10	16QAM	25	12	20.18	20.22	20.24		
10	16QAM	25	25	20.11	20.27	20.20		
10	16QAM	50	0	20.19	20.26	20.20		
10	64QAM	1	0	20.19	20.18	20.26	21	2
10	64QAM	1	25	20.17	20.21	20.21		
10	64QAM	1	49	20.13	20.23	20.15		
10	64QAM	25	0	19.27	19.22	19.18	20	3
10	64QAM	25	12	19.21	19.20	19.19		
10	64QAM	25	25	19.20	19.16	19.15		
10	64QAM	50	0	19.11	19.24	19.18		
10	256QAM	1	0	17.19	17.28	17.28	18	5
10	256QAM	1	25	17.14	17.32	17.21		
10	256QAM	1	49	17.20	17.30	17.24		
10	256QAM	25	0	17.30	17.26	17.24	18	5
10	256QAM	25	12	17.11	17.19	17.23		
10	256QAM	25	25	17.19	17.24	17.21		
10	256QAM	50	0	17.18	17.23	17.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.88	21.92	21.91	23	0
5	QPSK	1	12	21.82	21.88	21.89		
5	QPSK	1	24	21.91	21.94	21.85		
5	QPSK	12	0	21.29	21.34	21.29	22	1
5	QPSK	12	7	21.29	21.28	21.24		
5	QPSK	12	13	21.28	21.29	21.24		
5	QPSK	25	0	21.29	21.31	21.26		
5	16QAM	1	0	21.24	21.24	21.26	22	1
5	16QAM	1	12	21.27	21.29	21.22		
5	16QAM	1	24	21.23	21.29	21.23		
5	16QAM	12	0	20.28	20.30	20.25	21	2
5	16QAM	12	7	20.24	20.21	20.24		
5	16QAM	12	13	20.24	20.16	20.12		
5	16QAM	25	0	20.12	20.14	20.20		
5	64QAM	1	0	20.25	20.23	20.15	21	2
5	64QAM	1	12	20.13	20.14	20.24		
5	64QAM	1	24	20.20	20.16	20.19		
5	64QAM	12	0	19.25	19.25	19.21	20	3
5	64QAM	12	7	19.19	19.26	19.19		
5	64QAM	12	13	19.14	19.16	19.19		
5	64QAM	25	0	19.22	19.27	19.20		
5	256QAM	1	0	17.14	17.31	17.20	18	5
5	256QAM	1	12	17.14	17.30	17.12		
5	256QAM	1	24	17.22	17.22	17.24		
5	256QAM	12	0	17.22	17.27	17.16	18	5
5	256QAM	12	7	17.12	17.30	17.22		
5	256QAM	12	13	17.25	17.29	17.18		
5	256QAM	25	0	17.23	17.24	17.25		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.92	21.95	21.87	23	0
3	QPSK	1	8	21.85	21.89	21.87		
3	QPSK	1	14	21.89	21.92	21.85		
3	QPSK	8	0	21.26	21.30	21.29	22	1
3	QPSK	8	4	21.28	21.28	21.23		
3	QPSK	8	7	21.23	21.27	21.24		
3	QPSK	15	0	21.27	21.31	21.26		
3	16QAM	1	0	21.24	21.25	21.25	22	1
3	16QAM	1	8	21.23	21.30	21.23		
3	16QAM	1	14	21.27	21.26	21.20		
3	16QAM	8	0	20.24	20.30	20.29	21	2
3	16QAM	8	4	20.22	20.25	20.17		
3	16QAM	8	7	20.20	20.19	20.13		
3	16QAM	15	0	20.19	20.25	20.16		
3	64QAM	1	0	20.20	20.26	20.14	21	2
3	64QAM	1	8	20.26	20.19	20.25		
3	64QAM	1	14	20.12	20.22	20.28		
3	64QAM	8	0	19.30	19.23	19.21	20	3
3	64QAM	8	4	19.15	19.18	19.09		
3	64QAM	8	7	19.19	19.27	19.17		
3	64QAM	15	0	19.20	19.25	19.24		
3	256QAM	1	0	17.13	17.22	17.25	18	5
3	256QAM	1	8	17.27	17.21	17.17		
3	256QAM	1	14	17.23	17.30	17.16		
3	256QAM	8	0	17.29	17.25	17.18	18	5
3	256QAM	8	4	17.12	17.21	17.13		
3	256QAM	8	7	17.22	17.34	17.09		
3	256QAM	15	0	17.21	17.27	17.20		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.89	21.93	21.87	23	0
1.4	QPSK	1	3	21.84	21.90	21.85		
1.4	QPSK	1	5	21.88	21.93	21.84		
1.4	QPSK	3	0	21.94	21.94	21.90		
1.4	QPSK	3	1	21.81	21.87	21.86		
1.4	QPSK	3	3	21.89	21.91	21.79		
1.4	QPSK	6	0	21.31	21.32	21.28	22	1
1.4	16QAM	1	0	21.26	21.29	21.19	22	1
1.4	16QAM	1	3	21.25	21.30	21.23		
1.4	16QAM	1	5	21.26	21.30	21.27		
1.4	16QAM	3	0	21.25	21.28	21.25		
1.4	16QAM	3	1	21.22	21.28	21.28		
1.4	16QAM	3	3	21.24	21.26	21.25		
1.4	16QAM	6	0	20.31	20.31	20.21	21	2
1.4	64QAM	1	0	20.24	20.22	20.18	21	2
1.4	64QAM	1	3	20.18	20.28	20.23		
1.4	64QAM	1	5	20.17	20.15	20.20		
1.4	64QAM	3	0	20.21	20.17	20.23		
1.4	64QAM	3	1	20.16	20.23	20.19		
1.4	64QAM	3	3	20.16	20.13	20.20		
1.4	64QAM	6	0	19.29	19.28	19.18	20	3
1.4	256QAM	1	0	17.23	17.27	17.15	18	5
1.4	256QAM	1	3	17.20	17.30	17.23		
1.4	256QAM	1	5	17.18	17.21	17.25		
1.4	256QAM	3	0	17.28	17.30	17.27		
1.4	256QAM	3	1	17.11	17.22	17.16		
1.4	256QAM	3	3	17.29	17.25	17.13		
1.4	256QAM	6	0	17.19	17.25	17.25	18	5

Band 71_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.55	23.58	23.53	24	0
20	QPSK	1	49	23.48	23.53	23.47		
20	QPSK	1	99	23.51	23.51	23.51		
20	QPSK	50	0	22.58	22.60	22.52	23	1
20	QPSK	50	24	22.53	22.58	22.49		
20	QPSK	50	50	22.53	22.56	22.47		
20	QPSK	100	0	22.52	22.54	22.48		
20	16QAM	1	0	22.55	22.58	22.47	23	1
20	16QAM	1	49	22.54	22.58	22.46		
20	16QAM	1	99	22.57	22.59	22.51		
20	16QAM	50	0	21.58	21.61	21.55	22	2
20	16QAM	50	24	21.51	21.58	21.51		
20	16QAM	50	50	21.52	21.54	21.48		
20	16QAM	100	0	21.57	21.59	21.50		
20	64QAM	1	0	21.54	21.58	21.49	22	2
20	64QAM	1	49	21.53	21.54	21.50		
20	64QAM	1	99	21.57	21.54	21.49		
20	64QAM	50	0	20.56	20.59	20.53	21	3
20	64QAM	50	24	20.52	20.57	20.50		
20	64QAM	50	50	20.55	20.53	20.47		
20	64QAM	100	0	20.51	20.54	20.50		
20	256QAM	1	0	18.58	18.55	18.52	19	5
20	256QAM	1	49	18.56	18.59	18.55		
20	256QAM	1	99	18.53	18.60	18.52		
20	256QAM	50	0	18.60	18.62	18.58	19	5
20	256QAM	50	24	18.56	18.61	18.56		
20	256QAM	50	50	18.59	18.56	18.56		
20	256QAM	100	0	18.58	18.57	18.52		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.48	23.54	23.50	24	0
15	QPSK	1	37	23.41	23.48	23.46		
15	QPSK	1	74	23.47	23.48	23.47		
15	QPSK	36	0	22.55	22.55	22.51	23	1
15	QPSK	36	20	22.47	22.55	22.44		
15	QPSK	36	39	22.48	22.49	22.43		
15	QPSK	75	0	22.49	22.50	22.41		
15	16QAM	1	0	22.48	22.51	22.41	23	1
15	16QAM	1	37	22.52	22.52	22.39		
15	16QAM	1	74	22.54	22.54	22.49		
15	16QAM	36	0	21.53	21.52	21.50	22	2
15	16QAM	36	20	21.48	21.57	21.42		
15	16QAM	36	39	21.44	21.53	21.47		
15	16QAM	75	0	21.44	21.50	21.41		
15	64QAM	1	0	21.39	21.56	21.44	22	2
15	64QAM	1	37	21.48	21.52	21.44		
15	64QAM	1	74	21.46	21.52	21.37		
15	64QAM	36	0	20.47	20.57	20.42	21	3
15	64QAM	36	20	20.48	20.42	20.41		
15	64QAM	36	39	20.42	20.46	20.32		
15	64QAM	75	0	20.47	20.52	20.35		
15	256QAM	1	0	18.51	18.53	18.37	19	5
15	256QAM	1	37	18.44	18.53	18.41		
15	256QAM	1	74	18.52	18.46	18.43		
15	256QAM	36	0	18.56	18.56	18.57	19	5
15	256QAM	36	20	18.55	18.57	18.49		
15	256QAM	36	39	18.49	18.54	18.45		
15	256QAM	75	0	18.51	18.48	18.48		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.48	23.55	23.46	24	0
10	QPSK	1	25	23.45	23.48	23.40		
10	QPSK	1	49	23.50	23.46	23.50		
10	QPSK	25	0	22.52	22.57	22.51	23	1
10	QPSK	25	12	22.48	22.55	22.45		
10	QPSK	25	25	22.48	22.55	22.40		
10	QPSK	50	0	22.50	22.51	22.44		
10	16QAM	1	0	22.51	22.53	22.43	23	1
10	16QAM	1	25	22.47	22.53	22.40		
10	16QAM	1	49	22.50	22.51	22.44		
10	16QAM	25	0	21.51	21.57	21.46	22	2
10	16QAM	25	12	21.44	21.51	21.45		
10	16QAM	25	25	21.50	21.47	21.35		
10	16QAM	50	0	21.53	21.52	21.42		
10	64QAM	1	0	21.46	21.50	21.38	22	2
10	64QAM	1	25	21.50	21.42	21.45		
10	64QAM	1	49	21.48	21.53	21.46		
10	64QAM	25	0	20.50	20.46	20.38	21	3
10	64QAM	25	12	20.40	20.42	20.49		
10	64QAM	25	25	20.46	20.43	20.44		
10	64QAM	50	0	20.42	20.41	20.40		
10	256QAM	1	0	18.54	18.51	18.41	19	5
10	256QAM	1	25	18.50	18.57	18.49		
10	256QAM	1	49	18.46	18.50	18.45		
10	256QAM	25	0	18.55	18.59	18.53	19	5
10	256QAM	25	12	18.53	18.55	18.45		
10	256QAM	25	25	18.54	18.43	18.45		
10	256QAM	50	0	18.57	18.47	18.38		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.52	23.53	23.47	24	0
5	QPSK	1	12	23.41	23.52	23.46		
5	QPSK	1	24	23.50	23.45	23.47		
5	QPSK	12	0	22.54	22.56	22.50	23	1
5	QPSK	12	7	22.46	22.57	22.42		
5	QPSK	12	13	22.47	22.52	22.41		
5	QPSK	25	0	22.47	22.53	22.41		
5	16QAM	1	0	22.50	22.53	22.46	23	1
5	16QAM	1	12	22.50	22.55	22.44		
5	16QAM	1	24	22.53	22.58	22.48		
5	16QAM	12	0	21.53	21.54	21.54	22	2
5	16QAM	12	7	21.48	21.51	21.46		
5	16QAM	12	13	21.38	21.39	21.38		
5	16QAM	25	0	21.51	21.58	21.48		
5	64QAM	1	0	21.51	21.44	21.37	22	2
5	64QAM	1	12	21.52	21.45	21.46		
5	64QAM	1	24	21.48	21.53	21.34		
5	64QAM	12	0	20.54	20.56	20.49	21	3
5	64QAM	12	7	20.44	20.43	20.43		
5	64QAM	12	13	20.54	20.47	20.32		
5	64QAM	25	0	20.40	20.44	20.49		
5	256QAM	1	0	18.47	18.54	18.49	19	5
5	256QAM	1	12	18.49	18.52	18.43		
5	256QAM	1	24	18.51	18.58	18.50		
5	256QAM	12	0	18.47	18.61	18.52	19	5
5	256QAM	12	7	18.44	18.56	18.44		
5	256QAM	12	13	18.56	18.43	18.47		
5	256QAM	25	0	18.44	18.44	18.38		

Band 38_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	23.11	23.15	22.93	24	0
20	QPSK	1	49	23.06	23.09	22.89		
20	QPSK	1	99	23.08	23.09	22.91		
20	QPSK	50	0	22.03	22.05	21.98	23	1
20	QPSK	50	24	22.01	22.02	21.95		
20	QPSK	50	50	21.96	22.00	21.96		
20	QPSK	100	0	22.00	22.03	21.93		
20	16QAM	1	0	21.94	21.98	21.97	23	1
20	16QAM	1	49	21.94	22.01	21.99		
20	16QAM	1	99	21.91	21.97	21.95		
20	16QAM	50	0	20.93	20.98	20.93	22	2
20	16QAM	50	24	20.91	20.95	20.89		
20	16QAM	50	50	20.86	20.92	20.87		
20	16QAM	100	0	20.90	20.93	20.89		
20	64QAM	1	0	20.93	20.97	20.91	22	2
20	64QAM	1	49	20.91	20.92	20.89		
20	64QAM	1	99	20.76	20.89	20.84		
20	64QAM	50	0	19.89	19.99	19.96	21	3
20	64QAM	50	24	19.77	19.92	19.84		
20	64QAM	50	50	19.76	19.89	19.86		
20	64QAM	100	0	19.93	19.95	19.84		
20	256QAM	1	0	17.96	18.00	17.89	19	5
20	256QAM	1	49	17.76	17.90	17.85		
20	256QAM	1	99	17.85	17.95	17.85		
20	256QAM	50	0	17.99	18.01	17.97	19	5
20	256QAM	50	24	17.78	17.89	17.79		
20	256QAM	50	50	17.78	17.93	17.82		
20	256QAM	100	0	17.87	17.95	17.90		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.04	23.09	22.86	24	0
15	QPSK	1	37	23.04	23.03	22.86		
15	QPSK	1	74	23.05	23.06	22.89		
15	QPSK	36	0	22.02	22.03	21.97	23	1
15	QPSK	36	20	21.97	21.97	21.93		
15	QPSK	36	39	21.92	21.93	21.89		
15	QPSK	75	0	21.94	22.00	21.87		
15	16QAM	1	0	21.88	21.94	21.96	23	1
15	16QAM	1	37	21.91	21.98	21.98		
15	16QAM	1	74	21.84	21.95	21.92		
15	16QAM	36	0	20.92	20.94	20.90	22	2
15	16QAM	36	20	20.85	20.94	20.81		
15	16QAM	36	39	20.84	20.87	20.72		
15	16QAM	75	0	20.81	20.88	20.88		
15	64QAM	1	0	20.90	20.88	20.89	22	2
15	64QAM	1	37	20.76	20.83	20.86		
15	64QAM	1	74	20.66	20.88	20.77		
15	64QAM	36	0	19.77	19.87	19.93	21	3
15	64QAM	36	20	19.76	19.84	19.83		
15	64QAM	36	39	19.64	19.77	19.83		
15	64QAM	75	0	19.90	19.94	19.83		
15	256QAM	1	0	17.81	17.95	17.76	19	5
15	256QAM	1	37	17.71	17.80	17.72		
15	256QAM	1	74	17.76	17.84	17.77		
15	256QAM	36	0	17.92	17.96	17.84	19	5
15	256QAM	36	20	17.66	17.82	17.66		
15	256QAM	36	39	17.71	17.88	17.77		
15	256QAM	75	0	17.75	17.87	17.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.07	23.11	22.91	24	0
10	QPSK	1	25	23.01	23.02	22.84		
10	QPSK	1	49	23.07	23.08	22.86		
10	QPSK	25	0	21.96	22.02	21.95	23	1
10	QPSK	25	12	21.94	21.97	21.89		
10	QPSK	25	25	21.94	21.99	21.93		
10	QPSK	50	0	21.99	22.00	21.88		
10	16QAM	1	0	21.87	21.96	21.94	23	1
10	16QAM	1	25	21.91	22.00	21.95		
10	16QAM	1	49	21.83	21.92	21.94		
10	16QAM	25	0	20.88	20.97	20.92	22	2
10	16QAM	25	12	20.90	20.86	20.81		
10	16QAM	25	25	20.79	20.91	20.85		
10	16QAM	50	0	20.88	20.82	20.80		
10	64QAM	1	0	20.80	20.90	20.90	22	2
10	64QAM	1	25	20.80	20.88	20.77		
10	64QAM	1	49	20.66	20.86	20.72		
10	64QAM	25	0	19.83	19.84	19.90	21	3
10	64QAM	25	12	19.64	19.89	19.70		
10	64QAM	25	25	19.69	19.82	19.71		
10	64QAM	50	0	19.85	19.89	19.73		
10	256QAM	1	0	17.86	17.94	17.87	19	5
10	256QAM	1	25	17.75	17.80	17.76		
10	256QAM	1	49	17.76	17.92	17.79		
10	256QAM	25	0	17.90	17.90	17.83	19	5
10	256QAM	25	12	17.72	17.78	17.74		
10	256QAM	25	25	17.74	17.92	17.71		
10	256QAM	50	0	17.79	17.88	17.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.07	23.12	22.86	24	0
5	QPSK	1	12	23.04	23.08	22.82		
5	QPSK	1	24	23.04	23.04	22.84		
5	QPSK	12	0	22.00	21.98	21.96	23	1
5	QPSK	12	7	21.94	21.98	21.93		
5	QPSK	12	13	21.94	21.95	21.92		
5	QPSK	25	0	21.95	22.00	21.92		
5	16QAM	1	0	21.88	21.93	21.95	23	1
5	16QAM	1	12	21.89	21.96	21.96		
5	16QAM	1	24	21.89	21.91	21.89		
5	16QAM	12	0	20.90	20.94	20.84	22	2
5	16QAM	12	7	20.85	20.94	20.87		
5	16QAM	12	13	20.77	20.85	20.86		
5	16QAM	25	0	20.85	20.85	20.86		
5	64QAM	1	0	20.90	20.94	20.86	22	2
5	64QAM	1	12	20.83	20.90	20.83		
5	64QAM	1	24	20.69	20.84	20.83		
5	64QAM	12	0	19.80	19.94	19.81	21	3
5	64QAM	12	7	19.76	19.83	19.73		
5	64QAM	12	13	19.71	19.88	19.81		
5	64QAM	25	0	19.79	19.86	19.81		
5	256QAM	1	0	17.89	17.88	17.87	19	5
5	256QAM	1	12	17.72	17.84	17.70		
5	256QAM	1	24	17.72	17.91	17.74		
5	256QAM	12	0	17.90	17.88	17.85	19	5
5	256QAM	12	7	17.71	17.82	17.78		
5	256QAM	12	13	17.69	17.86	17.80		
5	256QAM	25	0	17.84	17.80	17.86		

Band 38_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.11	22.13	22.10	23	0
20	QPSK	1	49	22.10	22.10	22.07		
20	QPSK	1	99	22.07	22.12	22.04		
20	QPSK	50	0	21.07	21.09	21.05	22	1
20	QPSK	50	24	21.02	21.05	21.03		
20	QPSK	50	50	21.00	21.04	21.03		
20	QPSK	100	0	21.05	21.07	21.03		
20	16QAM	1	0	21.00	21.05	21.00	22	1
20	16QAM	1	49	21.01	21.08	21.03		
20	16QAM	1	99	21.04	21.02	21.00		
20	16QAM	50	0	20.02	20.05	20.00	21	2
20	16QAM	50	24	19.96	20.01	19.94		
20	16QAM	50	50	19.97	19.98	19.97		
20	16QAM	100	0	20.00	20.01	19.94		
20	64QAM	1	0	19.95	20.04	19.93	21	2
20	64QAM	1	49	19.98	20.04	19.93		
20	64QAM	1	99	19.99	20.03	19.99		
20	64QAM	50	0	19.01	19.03	19.00	20	3
20	64QAM	50	24	18.96	18.98	18.98		
20	64QAM	50	50	18.99	19.02	18.95		
20	64QAM	100	0	18.98	19.01	18.96		
20	256QAM	1	0	17.01	17.03	16.99	18	5
20	256QAM	1	49	17.01	16.98	16.96		
20	256QAM	1	99	16.96	16.98	16.94		
20	256QAM	50	0	17.03	17.05	17.01	18	5
20	256QAM	50	24	16.97	16.99	16.96		
20	256QAM	50	50	16.97	17.02	16.95		
20	256QAM	100	0	16.98	17.02	17.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.06	22.11	22.04	23	0
15	QPSK	1	37	22.06	22.08	22.05		
15	QPSK	1	74	22.02	22.06	21.98		
15	QPSK	36	0	21.01	21.04	21.04	22	1
15	QPSK	36	20	20.98	21.02	20.98		
15	QPSK	36	39	20.94	20.99	21.02		
15	QPSK	75	0	21.02	21.05	21.01		
15	16QAM	1	0	20.96	21.04	20.96	22	1
15	16QAM	1	37	20.97	21.04	20.97		
15	16QAM	1	74	20.98	20.95	20.97		
15	16QAM	36	0	20.00	19.96	19.91	21	2
15	16QAM	36	20	19.91	19.96	19.88		
15	16QAM	36	39	19.93	19.86	19.94		
15	16QAM	75	0	19.86	19.89	19.86		
15	64QAM	1	0	19.91	19.99	19.89	21	2
15	64QAM	1	37	19.95	20.02	19.92		
15	64QAM	1	74	19.97	19.91	19.88		
15	64QAM	36	0	18.91	19.01	18.99	20	3
15	64QAM	36	20	18.91	18.96	18.89		
15	64QAM	36	39	18.94	18.94	18.82		
15	64QAM	75	0	18.90	18.88	18.82		
15	256QAM	1	0	16.88	16.97	16.97	18	5
15	256QAM	1	37	16.87	16.85	16.95		
15	256QAM	1	74	16.84	16.85	16.91		
15	256QAM	36	0	16.97	17.02	16.97	18	5
15	256QAM	36	20	16.91	16.89	16.88		
15	256QAM	36	39	16.88	16.89	16.87		
15	256QAM	75	0	16.97	16.88	16.96		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.06	22.06	22.05	23	0
10	QPSK	1	25	22.05	22.07	22.01		
10	QPSK	1	49	22.02	22.06	21.98		
10	QPSK	25	0	21.01	21.07	20.98	22	1
10	QPSK	25	12	21.01	20.98	20.97		
10	QPSK	25	25	20.99	20.97	21.00		
10	QPSK	50	0	21.03	21.03	21.02		
10	16QAM	1	0	20.96	21.02	20.94	22	1
10	16QAM	1	25	20.96	21.02	20.96		
10	16QAM	1	49	21.01	20.98	20.97		
10	16QAM	25	0	19.94	19.96	19.93	21	2
10	16QAM	25	12	19.89	19.96	19.89		
10	16QAM	25	25	19.90	19.92	19.94		
10	16QAM	50	0	19.85	19.87	19.87		
10	64QAM	1	0	19.92	20.01	19.90	21	2
10	64QAM	1	25	19.97	20.01	19.90		
10	64QAM	1	49	19.94	19.92	19.87		
10	64QAM	25	0	18.93	18.99	18.86	20	3
10	64QAM	25	12	18.91	18.89	18.92		
10	64QAM	25	25	18.84	18.88	18.80		
10	64QAM	50	0	18.89	18.96	18.94		
10	256QAM	1	0	16.88	16.95	16.86	18	5
10	256QAM	1	25	16.99	16.84	16.91		
10	256QAM	1	49	16.82	16.90	16.90		
10	256QAM	25	0	17.02	16.93	16.94	18	5
10	256QAM	25	12	16.95	16.98	16.88		
10	256QAM	25	25	16.96	16.99	16.83		
10	256QAM	50	0	16.85	17.01	16.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.07	22.08	22.05	23	0
5	QPSK	1	12	22.04	22.03	22.01		
5	QPSK	1	24	22.03	22.06	22.03		
5	QPSK	12	0	21.04	21.02	21.01	22	1
5	QPSK	12	7	20.96	20.99	20.96		
5	QPSK	12	13	20.93	20.98	21.01		
5	QPSK	25	0	21.00	21.05	21.00		
5	16QAM	1	0	20.93	20.99	20.97	22	1
5	16QAM	1	12	20.96	21.05	20.97		
5	16QAM	1	24	21.01	20.96	20.95		
5	16QAM	12	0	19.94	19.97	19.95	21	2
5	16QAM	12	7	19.87	19.93	19.89		
5	16QAM	12	13	19.94	19.95	19.82		
5	16QAM	25	0	19.88	19.90	19.79		
5	64QAM	1	0	19.94	19.92	19.79	21	2
5	64QAM	1	12	19.96	19.98	19.84		
5	64QAM	1	24	19.92	19.91	19.96		
5	64QAM	12	0	18.87	19.00	18.99	20	3
5	64QAM	12	7	18.87	18.93	18.95		
5	64QAM	12	13	18.94	18.91	18.87		
5	64QAM	25	0	18.93	18.92	18.90		
5	256QAM	1	0	16.88	17.01	16.84	18	5
5	256QAM	1	12	16.88	16.92	16.87		
5	256QAM	1	24	16.83	16.85	16.87		
5	256QAM	12	0	17.00	16.98	16.87	18	5
5	256QAM	12	7	16.91	16.98	16.89		
5	256QAM	12	13	16.83	16.93	16.94		
5	256QAM	25	0	16.94	16.92	16.92		

Band 41_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.03	23.25	22.95	22.98	22.93	24	0
20	QPSK	1	49	23.01	23.20	22.92	22.93	22.86		
20	QPSK	1	99	23.02	23.22	22.93	22.93	22.89		
20	QPSK	50	0	22.01	22.26	21.96	21.98	21.95	23	1
20	QPSK	50	24	21.99	22.25	21.95	21.92	21.91		
20	QPSK	50	50	21.99	22.21	21.94	21.97	21.90		
20	QPSK	100	0	21.95	22.24	21.90	21.91	21.88		
20	16QAM	1	0	21.94	22.19	21.89	21.94	21.94	23	1
20	16QAM	1	49	21.95	22.23	21.91	21.95	21.93		
20	16QAM	1	99	21.95	22.19	21.93	21.97	21.92		
20	16QAM	50	0	21.03	21.26	20.98	20.99	20.93	22	2
20	16QAM	50	24	21.02	21.23	20.94	20.94	20.90		
20	16QAM	50	50	20.98	21.25	20.97	20.95	20.89		
20	16QAM	100	0	21.02	21.21	20.96	20.93	20.88		
20	64QAM	1	0	20.96	21.20	20.96	20.92	20.92	22	2
20	64QAM	1	49	20.96	21.23	20.95	20.93	20.90		
20	64QAM	1	99	20.98	21.19	20.96	20.95	20.92		
20	64QAM	50	0	20.05	20.25	20.00	20.02	19.95	21	3
20	64QAM	50	24	19.98	20.22	19.98	19.97	19.94		
20	64QAM	50	50	19.98	20.22	19.98	20.00	19.93		
20	64QAM	100	0	20.00	20.22	19.97	19.97	19.91		
20	256QAM	1	0	18.02	18.21	17.99	18.04	17.91	19	5
20	256QAM	1	49	18.03	18.27	17.96	18.02	17.91		
20	256QAM	1	99	17.99	18.21	18.01	18.03	17.91		
20	256QAM	50	0	18.06	18.28	18.02	18.05	17.98	19	5
20	256QAM	50	24	18.03	18.27	17.98	18.04	17.97		
20	256QAM	50	50	18.04	18.22	17.99	18.00	17.94		
20	256QAM	100	0	18.00	18.26	18.01	18.01	17.93		
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	22.98	23.23	22.91	22.96	22.91	24	0
15	QPSK	1	37	22.99	23.18	22.90	22.92	22.85		
15	QPSK	1	74	22.95	23.20	22.88	22.88	22.84		
15	QPSK	36	0	21.99	22.21	21.89	21.97	21.89	23	1
15	QPSK	36	20	21.93	22.20	21.93	21.86	21.87		
15	QPSK	36	39	21.92	22.16	21.91	21.91	21.83		
15	QPSK	75	0	21.92	22.18	21.83	21.84	21.82		
15	16QAM	1	0	21.89	22.18	21.83	21.91	21.91	23	1
15	16QAM	1	37	21.91	22.16	21.85	21.88	21.91		
15	16QAM	1	74	21.91	22.15	21.85	21.95	21.91		
15	16QAM	36	0	20.99	21.17	20.97	20.98	20.84	22	2
15	16QAM	36	20	20.97	21.14	20.91	20.87	20.86		
15	16QAM	36	39	20.83	21.21	20.96	20.85	20.85		
15	16QAM	75	0	20.88	21.19	20.87	20.80	20.80		
15	64QAM	1	0	20.95	21.16	20.86	20.79	20.90	22	2
15	64QAM	1	37	20.92	21.22	20.91	20.87	20.88		
15	64QAM	1	74	20.87	21.18	20.93	20.85	20.78		
15	64QAM	36	0	19.95	20.16	19.95	19.94	19.80	21	3
15	64QAM	36	20	19.84	20.15	19.89	19.92	19.83		
15	64QAM	36	39	19.85	20.19	19.97	19.88	19.82		
15	64QAM	75	0	19.89	20.19	19.93	19.91	19.76		
15	256QAM	1	0	17.94	18.15	17.85	17.99	17.81	19	5
15	256QAM	1	37	17.98	18.21	17.94	18.01	17.88		
15	256QAM	1	74	17.90	18.19	17.93	17.97	17.83		
15	256QAM	36	0	17.98	18.27	17.92	18.04	17.84	19	5
15	256QAM	36	20	17.98	18.14	17.96	17.93	17.85		
15	256QAM	36	39	18.03	18.08	17.85	17.92	17.86		
15	256QAM	75	0	17.94	18.22	17.90	17.98	17.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.00	23.23	22.90	22.95	22.87	24	0
10	QPSK	1	25	22.96	23.14	22.85	22.91	22.82		
10	QPSK	1	49	22.96	23.18	22.89	22.92	22.87		
10	QPSK	25	0	21.95	22.23	21.89	21.93	21.94	23	1
10	QPSK	25	12	21.97	22.19	21.90	21.91	21.84		
10	QPSK	25	25	21.98	22.19	21.93	21.95	21.84		
10	QPSK	50	0	21.88	22.18	21.83	21.89	21.85		
10	16QAM	1	0	21.88	22.17	21.86	21.89	21.89	23	1
10	16QAM	1	25	21.94	22.22	21.85	21.91	21.92		
10	16QAM	1	49	21.91	22.14	21.90	21.89	21.84		
10	16QAM	25	0	20.98	21.17	20.92	20.95	20.86	22	2
10	16QAM	25	12	20.93	21.18	20.91	20.86	20.87		
10	16QAM	25	25	20.94	21.16	20.95	20.84	20.80		
10	16QAM	50	0	21.01	21.16	20.83	20.81	20.81		
10	64QAM	1	0	20.86	21.07	20.90	20.82	20.84	22	2
10	64QAM	1	25	20.92	21.14	20.87	20.86	20.85		
10	64QAM	1	49	20.84	21.04	20.90	20.80	20.89		
10	64QAM	25	0	19.96	20.11	19.98	20.00	19.86	21	3
10	64QAM	25	12	19.83	20.21	19.94	19.82	19.85		
10	64QAM	25	25	19.87	20.14	19.84	19.98	19.82		
10	64QAM	50	0	19.94	20.16	19.84	19.91	19.88		
10	256QAM	1	0	17.98	18.13	17.89	17.92	17.89	19	5
10	256QAM	1	25	18.00	18.22	17.82	17.92	17.89		
10	256QAM	1	49	17.97	18.12	17.93	18.00	17.81		
10	256QAM	25	0	17.92	18.17	17.87	17.90	17.91	19	5
10	256QAM	25	12	17.94	18.25	17.94	17.99	17.94		
10	256QAM	25	25	17.91	18.10	17.91	17.89	17.81		
10	256QAM	50	0	17.90	18.11	17.93	17.87	17.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.00	23.22	22.94	22.94	22.88	24	0
5	QPSK	1	12	22.97	23.14	22.90	22.90	22.85		
5	QPSK	1	24	22.98	23.21	22.90	22.88	22.86		
5	QPSK	12	0	21.95	22.25	21.94	21.93	21.92	23	1
5	QPSK	12	7	21.94	22.22	21.94	21.86	21.87		
5	QPSK	12	13	21.92	22.14	21.90	21.95	21.87		
5	QPSK	25	0	21.92	22.19	21.89	21.84	21.87		
5	16QAM	1	0	21.91	22.17	21.85	21.87	21.93	23	1
5	16QAM	1	12	21.94	22.20	21.86	21.88	21.92		
5	16QAM	1	24	21.91	22.10	21.92	21.95	21.91		
5	16QAM	12	0	21.00	21.19	20.94	20.94	20.85	22	2
5	16QAM	12	7	21.01	21.16	20.85	20.92	20.87		
5	16QAM	12	13	20.85	21.12	20.88	20.91	20.77		
5	16QAM	25	0	21.00	21.19	20.89	20.83	20.73		
5	64QAM	1	0	20.81	21.07	20.85	20.83	20.88	22	2
5	64QAM	1	12	20.86	21.21	20.86	20.81	20.87		
5	64QAM	1	24	20.92	21.04	20.87	20.92	20.82		
5	64QAM	12	0	20.04	20.18	19.87	19.87	19.83	21	3
5	64QAM	12	7	19.86	20.12	19.93	19.91	19.82		
5	64QAM	12	13	19.85	20.19	19.93	19.87	19.79		
5	64QAM	25	0	19.88	20.14	19.94	19.92	19.85		
5	256QAM	1	0	17.89	18.16	17.87	17.94	17.78	19	5
5	256QAM	1	12	17.89	18.18	17.90	17.97	17.80		
5	256QAM	1	24	17.90	18.07	17.97	17.93	17.81		
5	256QAM	12	0	18.01	18.24	17.98	18.04	17.95	19	5
5	256QAM	12	7	17.97	18.16	17.85	18.01	17.89		
5	256QAM	12	13	17.95	18.12	17.88	17.94	17.88		
5	256QAM	25	0	17.86	18.13	17.99	18.00	17.90		

Band 41_Ant 1(DSI 7/8/9/10/11/12)

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	22.06	22.22	22.08	21.95	22.04	23	0
20	QPSK	1	49	22.00	22.21	22.05	21.88	21.98		
20	QPSK	1	99	22.05	22.18	22.02	21.92	21.97		
20	QPSK	50	0	21.02	21.18	21.05	20.98	21.02	22	1
20	QPSK	50	24	21.01	21.13	20.98	20.93	20.97		
20	QPSK	50	50	21.00	21.11	21.03	20.95	20.97		
20	QPSK	100	0	21.01	21.17	21.03	20.97	21.01		
20	16QAM	1	0	20.96	21.14	21.00	20.95	20.97	22	1
20	16QAM	1	49	21.01	21.12	21.03	20.92	20.95		
20	16QAM	1	99	21.00	21.15	20.99	20.97	21.01		
20	16QAM	50	0	20.02	20.18	20.02	19.98	20.02	21	2
20	16QAM	50	24	19.98	20.14	19.97	19.93	19.97		
20	16QAM	50	50	20.00	20.11	19.96	19.93	19.95		
20	16QAM	100	0	19.98	20.13	19.99	19.93	19.96		
20	64QAM	1	0	20.01	20.14	19.95	19.92	19.95	21	2
20	64QAM	1	49	19.99	20.14	20.00	19.92	19.97		
20	64QAM	1	99	20.00	20.13	19.97	19.96	19.95		
20	64QAM	50	0	19.03	19.17	19.01	18.98	19.02	20	3
20	64QAM	50	24	18.98	19.11	18.94	18.91	18.98		
20	64QAM	50	50	19.00	19.15	18.94	18.96	19.01		
20	64QAM	100	0	18.98	19.16	18.95	18.91	19.00		
20	256QAM	1	0	16.99	17.11	16.97	16.93	16.99	18	5
20	256QAM	1	49	17.01	17.10	17.00	16.94	16.96		
20	256QAM	1	99	16.98	17.12	16.98	16.94	16.98		
20	256QAM	50	0	17.05	17.15	17.03	16.98	17.02	18	5
20	256QAM	50	24	17.00	17.12	16.98	16.95	16.96		
20	256QAM	50	50	16.99	17.09	16.98	16.92	16.98		
20	256QAM	100	0	17.03	17.09	16.98	16.92	16.99		
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	22.04	22.18	22.04	21.91	21.99	23	0
15	QPSK	1	37	21.95	22.20	21.98	21.86	21.91		
15	QPSK	1	74	22.00	22.17	21.95	21.86	21.92		
15	QPSK	36	0	20.98	21.13	21.02	20.97	21.01	22	1
15	QPSK	36	20	20.97	21.12	20.92	20.89	20.93		
15	QPSK	36	39	20.95	21.06	21.02	20.90	20.93		
15	QPSK	75	0	20.94	21.15	20.98	20.96	20.99		
15	16QAM	1	0	20.89	21.13	20.99	20.94	20.96	22	1
15	16QAM	1	37	20.96	21.05	20.99	20.86	20.93		
15	16QAM	1	74	20.98	21.08	20.97	20.96	20.98		
15	16QAM	36	0	19.93	20.12	20.00	19.90	19.99	21	2
15	16QAM	36	20	19.89	20.08	19.96	19.90	19.92		
15	16QAM	36	39	19.90	20.07	19.94	19.82	19.82		
15	16QAM	75	0	19.89	20.03	19.84	19.92	19.91		
15	64QAM	1	0	19.96	20.11	19.83	19.86	19.89	21	2
15	64QAM	1	37	19.90	20.09	19.97	19.88	19.86		
15	64QAM	1	74	19.94	20.01	19.83	19.92	19.94		
15	64QAM	36	0	18.97	19.08	18.93	18.97	18.95	20	3
15	64QAM	36	20	18.91	18.96	18.88	18.78	18.90		
15	64QAM	36	39	18.89	19.14	18.79	18.81	18.95		
15	64QAM	75	0	18.89	19.06	18.84	18.81	18.89		
15	256QAM	1	0	16.92	17.00	16.89	16.81	16.85	18	5
15	256QAM	1	37	17.00	16.96	16.86	16.93	16.87		
15	256QAM	1	74	16.87	17.03	16.90	16.83	16.87		
15	256QAM	36	0	16.98	17.01	16.97	16.84	16.89	18	5
15	256QAM	36	20	16.89	17.06	16.85	16.94	16.93		
15	256QAM	36	39	16.94	17.07	16.83	16.81	16.90		
15	256QAM	75	0	16.88	16.98	16.86	16.84	16.92		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.01	22.18	22.01	21.88	21.97	23	0
10	QPSK	1	25	21.97	22.20	22.04	21.81	21.94		
10	QPSK	1	49	21.99	22.15	21.99	21.85	21.96		
10	QPSK	25	0	20.95	21.11	20.99	20.93	20.98	22	1
10	QPSK	25	12	20.94	21.12	20.94	20.92	20.94		
10	QPSK	25	25	20.97	21.04	20.98	20.88	20.90		
10	QPSK	50	0	20.99	21.13	20.97	20.90	20.94		
10	16QAM	1	0	20.93	21.12	20.95	20.93	20.96	22	1
10	16QAM	1	25	20.96	21.09	21.01	20.87	20.88		
10	16QAM	1	49	20.91	21.12	20.92	20.91	21.00		
10	16QAM	25	0	20.00	20.11	19.93	19.91	19.97	21	2
10	16QAM	25	12	19.97	20.08	19.89	19.87	19.92		
10	16QAM	25	25	19.97	20.08	19.82	19.90	19.89		
10	16QAM	50	0	19.90	19.99	19.93	19.83	19.91		
10	64QAM	1	0	19.91	20.09	19.85	19.90	19.88	21	2
10	64QAM	1	25	19.86	20.09	19.87	19.83	19.84		
10	64QAM	1	49	19.93	19.99	19.82	19.93	19.81		
10	64QAM	25	0	18.98	19.07	18.89	18.90	18.93	20	3
10	64QAM	25	12	18.86	19.09	18.93	18.83	18.91		
10	64QAM	25	25	18.88	19.06	18.88	18.90	18.99		
10	64QAM	50	0	18.89	19.03	18.81	18.88	18.91		
10	256QAM	1	0	16.89	17.06	16.83	16.82	16.98	18	5
10	256QAM	1	25	16.96	17.04	16.93	16.87	16.87		
10	256QAM	1	49	16.83	17.02	16.86	16.84	16.92		
10	256QAM	25	0	17.04	17.03	16.97	16.96	16.97	18	5
10	256QAM	25	12	16.93	17.00	16.89	16.87	16.81		
10	256QAM	25	25	16.95	16.98	16.88	16.90	16.93		
10	256QAM	50	0	17.00	17.00	16.89	16.78	16.94		
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	22.04	22.17	22.02	21.91	22.03	23	0
5	QPSK	1	12	21.98	22.20	21.99	21.84	21.96		
5	QPSK	1	24	22.01	22.12	21.99	21.91	21.95		
5	QPSK	12	0	21.01	21.13	21.03	20.96	20.99	22	1
5	QPSK	12	7	20.94	21.12	20.96	20.91	20.96		
5	QPSK	12	13	20.94	21.04	20.99	20.94	20.91		
5	QPSK	25	0	20.99	21.10	21.02	20.94	20.94		
5	16QAM	1	0	20.94	21.07	20.95	20.89	20.90	22	1
5	16QAM	1	12	21.00	21.09	20.99	20.87	20.88		
5	16QAM	1	24	20.98	21.10	20.92	20.88	20.94		
5	16QAM	12	0	19.95	20.15	19.96	19.91	19.93	21	2
5	16QAM	12	7	19.93	20.08	19.88	19.86	19.90		
5	16QAM	12	13	19.94	20.06	19.94	19.87	19.90		
5	16QAM	25	0	19.85	20.06	19.87	19.79	19.95		
5	64QAM	1	0	19.99	20.04	19.80	19.85	19.82	21	2
5	64QAM	1	12	19.85	20.01	19.91	19.89	19.84		
5	64QAM	1	24	19.93	20.08	19.94	19.88	19.81		
5	64QAM	12	0	18.95	19.10	18.92	18.95	19.00	20	3
5	64QAM	12	7	18.90	19.10	18.83	18.86	18.97		
5	64QAM	12	13	18.95	19.07	18.79	18.84	18.94		
5	64QAM	25	0	18.83	19.05	18.93	18.86	18.85		
5	256QAM	1	0	16.89	17.08	16.93	16.80	16.90	18	5
5	256QAM	1	12	16.88	16.95	16.96	16.87	16.88		
5	256QAM	1	24	16.94	17.00	16.88	16.92	16.97		
5	256QAM	12	0	16.99	17.00	16.93	16.96	16.95	18	5
5	256QAM	12	7	16.94	17.03	16.93	16.87	16.92		
5	256QAM	12	13	16.91	17.05	16.88	16.82	16.96		
5	256QAM	25	0	16.92	16.95	16.86	16.84	16.90		

Part 27Q_Band 42_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.13	21.20	21.05	22	0
20	QPSK	1	49	21.06	21.12	21.02		
20	QPSK	1	99	21.10	21.03	20.98		
20	QPSK	50	0	20.09	20.11	20.07	21	1
20	QPSK	50	24	20.03	20.09	20.05		
20	QPSK	50	50	20.07	19.98	19.99		
20	QPSK	100	0	20.10	20.13	19.99		
20	16QAM	1	0	20.04	20.03	19.97	21	1
20	16QAM	1	49	19.93	20.08	20.00		
20	16QAM	1	99	19.90	19.93	20.03		
20	16QAM	50	0	18.99	19.06	19.06	20	2
20	16QAM	50	24	18.95	19.01	19.00		
20	16QAM	50	50	19.06	19.03	19.02		
20	16QAM	100	0	18.98	19.00	19.01		
20	64QAM	1	0	18.96	18.97	19.03	20	2
20	64QAM	1	49	18.97	19.01	19.01		
20	64QAM	1	99	18.98	18.97	18.98		
20	64QAM	50	0	17.97	18.06	18.06	19	3
20	64QAM	50	24	17.94	17.94	17.96		
20	64QAM	50	50	17.98	18.04	17.96		
20	64QAM	100	0	17.99	18.05	17.94		
20	256QAM	1	0	15.96	16.04	16.01	17	5
20	256QAM	1	49	16.04	16.05	15.98		
20	256QAM	1	99	15.99	16.03	16.05		
20	256QAM	50	0	16.12	16.01	15.97	17	5
20	256QAM	50	24	15.93	16.03	15.95		
20	256QAM	50	50	15.95	16.07	16.01		
20	256QAM	100	0	16.08	16.08	16.01		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.09	21.05	21.03	22	0
15	QPSK	1	37	21.09	21.04	21.10		
15	QPSK	1	74	21.07	21.02	21.05		
15	QPSK	36	0	20.05	20.14	20.05	21	1
15	QPSK	36	20	20.01	20.08	20.03		
15	QPSK	36	39	20.07	20.04	19.93		
15	QPSK	75	0	20.07	20.03	20.03		
15	16QAM	1	0	19.93	19.94	20.00	21	1
15	16QAM	1	37	20.00	20.04	19.97		
15	16QAM	1	74	19.95	20.04	20.05		
15	16QAM	36	0	19.00	19.05	19.10	20	2
15	16QAM	36	20	19.06	19.09	18.95		
15	16QAM	36	39	18.94	18.96	19.04		
15	16QAM	75	0	19.05	19.01	19.08		
15	64QAM	1	0	18.95	19.07	19.05	20	2
15	64QAM	1	37	19.06	19.00	19.04		
15	64QAM	1	74	19.06	19.05	19.00		
15	64QAM	36	0	17.97	18.05	17.97	19	3
15	64QAM	36	20	18.00	17.96	17.94		
15	64QAM	36	39	17.95	18.07	18.02		
15	64QAM	75	0	18.03	17.99	18.04		
15	256QAM	1	0	15.96	16.12	15.93	17	5
15	256QAM	1	37	16.04	15.96	15.96		
15	256QAM	1	74	15.94	16.03	15.99		
15	256QAM	36	0	16.09	16.04	16.07	17	5
15	256QAM	36	20	15.94	16.03	16.04		
15	256QAM	36	39	15.97	16.02	15.95		
15	256QAM	75	0	16.06	15.98	16.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.12	21.10	21.02	22	0
10	QPSK	1	25	21.02	21.06	21.03		
10	QPSK	1	49	20.97	21.15	20.97		
10	QPSK	25	0	20.00	20.10	19.99	21	1
10	QPSK	25	12	20.03	20.02	20.04		
10	QPSK	25	25	19.95	20.05	19.99		
10	QPSK	50	0	20.06	20.11	19.96		
10	16QAM	1	0	20.02	20.00	19.98	21	1
10	16QAM	1	25	19.99	19.99	20.02		
10	16QAM	1	49	19.98	19.97	20.06		
10	16QAM	25	0	19.05	19.04	19.10	20	2
10	16QAM	25	12	18.94	19.11	18.92		
10	16QAM	25	25	18.99	18.95	18.94		
10	16QAM	50	0	19.01	19.00	18.95		
10	64QAM	1	0	19.05	18.98	19.02	20	2
10	64QAM	1	25	18.96	19.08	19.01		
10	64QAM	1	49	19.01	18.99	18.99		
10	64QAM	25	0	18.03	18.08	18.08	19	3
10	64QAM	25	12	17.91	17.97	17.90		
10	64QAM	25	25	17.98	18.04	17.93		
10	64QAM	50	0	17.93	18.05	18.07		
10	256QAM	1	0	15.99	16.09	16.04	17	5
10	256QAM	1	25	15.99	15.98	15.99		
10	256QAM	1	49	16.04	16.01	15.94		
10	256QAM	25	0	16.04	16.14	15.98	17	5
10	256QAM	25	12	16.00	16.04	15.92		
10	256QAM	25	25	16.06	16.08	16.00		
10	256QAM	50	0	16.09	15.97	15.97		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.09	21.12	21.03	22	0
5	QPSK	1	12	21.09	21.10	21.02		
5	QPSK	1	24	21.08	21.12	20.99		
5	QPSK	12	0	20.00	20.00	19.98	21	1
5	QPSK	12	7	20.07	20.00	19.95		
5	QPSK	12	13	20.05	19.97	20.02		
5	QPSK	25	0	19.98	20.12	20.09		
5	16QAM	1	0	20.07	20.03	19.97	21	1
5	16QAM	1	12	19.96	20.00	20.01		
5	16QAM	1	24	19.95	19.96	20.02		
5	16QAM	12	0	19.03	18.99	19.01	20	2
5	16QAM	12	7	19.07	19.06	18.92		
5	16QAM	12	13	18.92	18.99	19.04		
5	16QAM	25	0	18.95	18.97	19.03		
5	64QAM	1	0	19.07	19.02	19.00	20	2
5	64QAM	1	12	19.01	19.09	18.96		
5	64QAM	1	24	18.94	19.11	18.96		
5	64QAM	12	0	17.98	17.99	18.08	19	3
5	64QAM	12	7	17.95	18.02	17.98		
5	64QAM	12	13	18.01	18.03	17.91		
5	64QAM	25	0	18.03	18.10	18.06		
5	256QAM	1	0	16.05	16.04	16.06	17	5
5	256QAM	1	12	16.03	16.04	15.98		
5	256QAM	1	24	15.93	16.02	16.04		
5	256QAM	12	0	16.00	16.08	16.02	17	5
5	256QAM	12	7	15.99	15.94	16.02		
5	256QAM	12	13	16.02	16.00	16.00		
5	256QAM	25	0	16.06	15.96	15.90		

Part 96_Band 42_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.92	20.95	20.62	22	0
20	QPSK	1	49	20.91	20.78	20.61		
20	QPSK	1	99	20.84	20.66	20.59		
20	QPSK	50	0	19.92	19.93	19.74	21	1
20	QPSK	50	24	19.91	19.73	19.59		
20	QPSK	50	50	19.80	19.69	19.67		
20	QPSK	100	0	19.87	19.88	19.63		
20	16QAM	1	0	19.80	19.86	19.68	21	1
20	16QAM	1	49	19.82	19.81	19.59		
20	16QAM	1	99	19.76	19.78	19.57		
20	16QAM	50	0	18.78	18.78	18.63	20	2
20	16QAM	50	24	18.84	18.80	18.63		
20	16QAM	50	50	18.76	18.71	18.66		
20	16QAM	100	0	18.82	18.71	18.52		
20	64QAM	1	0	18.73	18.68	18.58	20	2
20	64QAM	1	49	18.84	18.64	18.62		
20	64QAM	1	99	18.77	18.71	18.60		
20	64QAM	50	0	17.89	17.76	17.71	19	3
20	64QAM	50	24	17.83	17.68	17.61		
20	64QAM	50	50	17.78	17.63	17.60		
20	64QAM	100	0	17.91	17.68	17.69		
20	256QAM	1	0	15.86	15.65	15.55	17	5
20	256QAM	1	49	15.81	15.69	15.54		
20	256QAM	1	99	15.88	15.63	15.65		
20	256QAM	50	0	15.84	15.78	15.61	17	5
20	256QAM	50	24	15.82	15.73	15.71		
20	256QAM	50	50	15.76	15.65	15.66		
20	256QAM	100	0	15.72	15.76	15.73		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.84	20.75	20.58	22	0
15	QPSK	1	37	20.87	20.70	20.68		
15	QPSK	1	74	20.84	20.65	20.63		
15	QPSK	36	0	19.83	19.77	19.71	21	1
15	QPSK	36	20	19.78	19.70	19.59		
15	QPSK	36	39	19.82	19.67	19.70		
15	QPSK	75	0	19.82	19.75	19.65		
15	16QAM	1	0	19.86	19.73	19.68	21	1
15	16QAM	1	37	19.85	19.76	19.70		
15	16QAM	1	74	19.78	19.80	19.54		
15	16QAM	36	0	18.86	18.79	18.67	20	2
15	16QAM	36	20	18.86	18.69	18.62		
15	16QAM	36	39	18.81	18.70	18.59		
15	16QAM	75	0	18.82	18.75	18.57		
15	64QAM	1	0	18.82	18.73	18.67	20	2
15	64QAM	1	37	18.76	18.71	18.56		
15	64QAM	1	74	18.76	18.66	18.64		
15	64QAM	36	0	17.88	17.78	17.65	19	3
15	64QAM	36	20	17.79	17.70	17.52		
15	64QAM	36	39	17.75	17.71	17.64		
15	64QAM	75	0	17.84	17.66	17.58		
15	256QAM	1	0	15.86	15.78	15.57	17	5
15	256QAM	1	37	15.76	15.74	15.67		
15	256QAM	1	74	15.83	15.67	15.61		
15	256QAM	36	0	15.89	15.80	15.67	17	5
15	256QAM	36	20	15.83	15.63	15.71		
15	256QAM	36	39	15.77	15.70	15.68		
15	256QAM	75	0	15.78	15.73	15.69		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.90	20.78	20.71	22	0
10	QPSK	1	25	20.77	20.71	20.68		
10	QPSK	1	49	20.83	20.70	20.65		
10	QPSK	25	0	19.79	19.73	19.72	21	1
10	QPSK	25	12	19.79	19.73	19.60		
10	QPSK	25	25	19.74	19.74	19.68		
10	QPSK	50	0	19.85	19.78	19.60		
10	16QAM	1	0	19.84	19.74	19.58	21	1
10	16QAM	1	25	19.89	19.74	19.68		
10	16QAM	1	49	19.82	19.79	19.53		
10	16QAM	25	0	18.88	18.75	18.59	20	2
10	16QAM	25	12	18.82	18.74	18.53		
10	16QAM	25	25	18.71	18.68	18.67		
10	16QAM	50	0	18.71	18.77	18.58		
10	64QAM	1	0	18.85	18.75	18.66	20	2
10	64QAM	1	25	18.79	18.70	18.56		
10	64QAM	1	49	18.82	18.68	18.61		
10	64QAM	25	0	17.92	17.74	17.58	19	3
10	64QAM	25	12	17.75	17.76	17.61		
10	64QAM	25	25	17.82	17.76	17.60		
10	64QAM	50	0	17.87	17.75	17.56		
10	256QAM	1	0	15.84	15.69	15.57	17	5
10	256QAM	1	25	15.77	15.66	15.67		
10	256QAM	1	49	15.80	15.74	15.59		
10	256QAM	25	0	15.87	15.77	15.70	17	5
10	256QAM	25	12	15.80	15.74	15.66		
10	256QAM	25	25	15.90	15.74	15.66		
10	256QAM	50	0	15.75	15.73	15.69		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.82	20.83	20.71	22	0
5	QPSK	1	12	20.78	20.77	20.62		
5	QPSK	1	24	20.86	20.74	20.54		
5	QPSK	12	0	19.88	19.83	19.67	21	1
5	QPSK	12	7	19.83	19.71	19.71		
5	QPSK	12	13	19.79	19.75	19.58		
5	QPSK	25	0	19.86	19.84	19.61		
5	16QAM	1	0	19.88	19.72	19.62	21	1
5	16QAM	1	12	19.79	19.82	19.72		
5	16QAM	1	24	19.78	19.79	19.59		
5	16QAM	12	0	18.78	18.70	18.60	20	2
5	16QAM	12	7	18.78	18.81	18.56		
5	16QAM	12	13	18.79	18.62	18.63		
5	16QAM	25	0	18.79	18.70	18.51		
5	64QAM	1	0	18.75	18.67	18.68	20	2
5	64QAM	1	12	18.79	18.70	18.61		
5	64QAM	1	24	18.83	18.69	18.53		
5	64QAM	12	0	17.93	17.74	17.63	19	3
5	64QAM	12	7	17.88	17.76	17.60		
5	64QAM	12	13	17.84	17.63	17.69		
5	64QAM	25	0	17.80	17.69	17.66		
5	256QAM	1	0	15.79	15.69	15.69	17	5
5	256QAM	1	12	15.73	15.74	15.60		
5	256QAM	1	24	15.80	15.76	15.57		
5	256QAM	12	0	15.80	15.67	15.61	17	5
5	256QAM	12	7	15.87	15.68	15.63		
5	256QAM	12	13	15.89	15.68	15.70		
5	256QAM	25	0	15.72	15.75	15.69		

Part 27Q_Band 42_Ant 1 (DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.08	21.43	21.18	23	0
20	QPSK	1	49	21.06	21.39	21.15		
20	QPSK	1	99	21.05	21.40	21.14		
20	QPSK	50	0	20.11	20.48	20.20	22	1
20	QPSK	50	24	20.09	20.46	20.17		
20	QPSK	50	50	20.09	20.47	20.17		
20	QPSK	100	0	20.10	20.45	20.18		
20	16QAM	1	0	20.10	20.47	20.18	22	1
20	16QAM	1	49	20.08	20.47	20.14		
20	16QAM	1	99	20.10	20.44	20.19		
20	16QAM	50	0	19.13	19.50	19.21	21	2
20	16QAM	50	24	19.11	19.46	19.18		
20	16QAM	50	50	19.13	19.47	19.15		
20	16QAM	100	0	19.12	19.49	19.20		
20	64QAM	1	0	19.11	19.49	19.18	21	2
20	64QAM	1	49	19.12	19.48	19.20		
20	64QAM	1	99	19.11	19.46	19.19		
20	64QAM	50	0	18.12	18.51	18.20	20	3
20	64QAM	50	24	18.13	18.50	18.18		
20	64QAM	50	50	18.15	18.50	18.16		
20	64QAM	100	0	18.11	18.45	18.19		
20	256QAM	1	0	16.07	16.44	16.20	18	5
20	256QAM	1	49	16.09	16.44	16.20		
20	256QAM	1	99	16.10	16.43	16.15		
20	256QAM	50	0	16.13	16.49	16.21	18	5
20	256QAM	50	24	16.09	16.43	16.14		
20	256QAM	50	50	16.09	16.42	16.15		
20	256QAM	100	0	16.10	16.48	16.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.02	21.42	21.15	23	0
15	QPSK	1	37	21.07	21.40	21.15		
15	QPSK	1	74	21.04	21.41	21.16		
15	QPSK	36	0	20.05	20.45	20.19	22	1
15	QPSK	36	20	20.10	20.43	20.18		
15	QPSK	36	39	20.07	20.44	20.16		
15	QPSK	75	0	20.06	20.41	20.14		
15	16QAM	1	0	20.09	20.45	20.14	22	1
15	16QAM	1	37	20.09	20.44	20.19		
15	16QAM	1	74	20.08	20.44	20.16		
15	16QAM	36	0	19.12	19.47	19.14	21	2
15	16QAM	36	20	19.10	19.48	19.20		
15	16QAM	36	39	19.09	19.43	19.15		
15	16QAM	75	0	19.12	19.45	19.17		
15	64QAM	1	0	19.12	19.44	19.14	21	2
15	64QAM	1	37	19.11	19.49	19.17		
15	64QAM	1	74	19.09	19.48	19.18		
15	64QAM	36	0	18.12	18.48	18.19	20	3
15	64QAM	36	20	18.12	18.44	18.19		
15	64QAM	36	39	18.13	18.49	18.19		
15	64QAM	75	0	18.10	18.48	18.18		
15	256QAM	1	0	16.09	16.45	16.17	18	5
15	256QAM	1	37	16.11	16.47	16.16		
15	256QAM	1	74	16.07	16.43	16.20		
15	256QAM	36	0	16.10	16.47	16.14	18	5
15	256QAM	36	20	16.08	16.42	16.19		
15	256QAM	36	39	16.12	16.46	16.16		
15	256QAM	75	0	16.10	16.46	16.16		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.03	21.37	21.13	23	0
10	QPSK	1	25	21.04	21.42	21.15		
10	QPSK	1	49	21.07	21.42	21.17		
10	QPSK	25	0	20.10	20.46	20.15	22	1
10	QPSK	25	12	20.07	20.42	20.16		
10	QPSK	25	25	20.08	20.44	20.13		
10	QPSK	50	0	20.08	20.45	20.15		
10	16QAM	1	0	20.09	20.43	20.16	22	1
10	16QAM	1	25	20.04	20.41	20.15		
10	16QAM	1	49	20.07	20.44	20.17		
10	16QAM	25	0	19.11	19.47	19.19	21	2
10	16QAM	25	12	19.11	19.47	19.14		
10	16QAM	25	25	19.12	19.43	19.20		
10	16QAM	50	0	19.09	19.48	19.19		
10	64QAM	1	0	19.12	19.48	19.16	21	2
10	64QAM	1	25	19.10	19.43	19.17		
10	64QAM	1	49	19.11	19.47	19.20		
10	64QAM	25	0	18.10	18.49	18.13	20	3
10	64QAM	25	12	18.12	18.47	18.15		
10	64QAM	25	25	18.13	18.44	18.16		
10	64QAM	50	0	18.14	18.45	18.16		
10	256QAM	1	0	16.10	16.42	16.18	18	5
10	256QAM	1	25	16.12	16.46	16.17		
10	256QAM	1	49	16.09	16.43	16.17		
10	256QAM	25	0	16.07	16.45	16.14	18	5
10	256QAM	25	12	16.09	16.46	16.16		
10	256QAM	25	25	16.10	16.43	16.14		
10	256QAM	50	0	16.10	16.42	16.20		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.06	21.36	21.14	23	0
5	QPSK	1	12	21.02	21.39	21.15		
5	QPSK	1	24	21.04	21.36	21.14		
5	QPSK	12	0	20.07	20.46	20.18	22	1
5	QPSK	12	7	20.06	20.44	20.16		
5	QPSK	12	13	20.08	20.43	20.17		
5	QPSK	25	0	20.10	20.45	20.14		
5	16QAM	1	0	20.10	20.41	20.19	22	1
5	16QAM	1	12	20.06	20.41	20.19		
5	16QAM	1	24	20.05	20.42	20.16		
5	16QAM	12	0	19.10	19.45	19.20	21	2
5	16QAM	12	7	19.11	19.47	19.18		
5	16QAM	12	13	19.09	19.46	19.18		
5	16QAM	25	0	19.11	19.44	19.19		
5	64QAM	1	0	19.10	19.47	19.16	21	2
5	64QAM	1	12	19.08	19.44	19.17		
5	64QAM	1	24	19.09	19.47	19.16		
5	64QAM	12	0	18.11	18.49	18.15	20	3
5	64QAM	12	7	18.10	18.48	18.17		
5	64QAM	12	13	18.14	18.45	18.13		
5	64QAM	25	0	18.13	18.45	18.14		
5	256QAM	1	0	16.07	16.46	16.20	18	5
5	256QAM	1	12	16.07	16.44	16.19		
5	256QAM	1	24	16.09	16.45	16.15		
5	256QAM	12	0	16.11	16.44	16.17	18	5
5	256QAM	12	7	16.10	16.46	16.19		
5	256QAM	12	13	16.09	16.43	16.16		
5	256QAM	25	0	16.09	16.44	16.16		

Part 96_Band 42_Ant 1 (DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	21.28	21.52	21.66	23	0
20	QPSK	1	49	21.27	21.49	21.59		
20	QPSK	1	99	21.27	21.50	21.63		
20	QPSK	50	0	20.30	20.55	20.68	22	1
20	QPSK	50	24	20.28	20.52	20.64		
20	QPSK	50	50	20.26	20.54	20.62		
20	QPSK	100	0	20.28	20.53	20.65		
20	16QAM	1	0	20.27	20.49	20.65	22	1
20	16QAM	1	49	20.27	20.54	20.67		
20	16QAM	1	99	20.28	20.53	20.66		
20	16QAM	50	0	19.31	19.55	19.68	21	2
20	16QAM	50	24	19.24	19.53	19.62		
20	16QAM	50	50	19.24	19.48	19.65		
20	16QAM	100	0	19.29	19.50	19.64		
20	64QAM	1	0	19.29	19.52	19.63	21	2
20	64QAM	1	49	19.25	19.52	19.64		
20	64QAM	1	99	19.29	19.49	19.61		
20	64QAM	50	0	18.30	18.56	18.67	20	3
20	64QAM	50	24	18.24	18.52	18.60		
20	64QAM	50	50	18.25	18.52	18.60		
20	64QAM	100	0	18.25	18.49	18.66		
20	256QAM	1	0	16.28	16.50	16.65	18	5
20	256QAM	1	49	16.29	16.53	16.63		
20	256QAM	1	99	16.26	16.49	16.68		
20	256QAM	50	0	16.32	16.55	16.70	18	5
20	256QAM	50	24	16.27	16.52	16.64		
20	256QAM	50	50	16.28	16.52	16.69		
20	256QAM	100	0	16.27	16.54	16.69		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.24	21.45	21.61	23	0
15	QPSK	1	37	21.20	21.42	21.56		
15	QPSK	1	74	21.21	21.49	21.59		
15	QPSK	36	0	20.26	20.50	20.64	22	1
15	QPSK	36	20	20.22	20.50	20.63		
15	QPSK	36	39	20.22	20.53	20.58		
15	QPSK	75	0	20.25	20.48	20.61		
15	16QAM	1	0	20.25	20.47	20.64	22	1
15	16QAM	1	37	20.26	20.49	20.63		
15	16QAM	1	74	20.20	20.50	20.62		
15	16QAM	36	0	19.24	19.47	19.61	21	2
15	16QAM	36	20	19.19	19.50	19.54		
15	16QAM	36	39	19.20	19.42	19.55		
15	16QAM	75	0	19.15	19.44	19.62		
15	64QAM	1	0	19.14	19.40	19.62	21	2
15	64QAM	1	37	19.13	19.41	19.54		
15	64QAM	1	74	19.15	19.42	19.54		
15	64QAM	36	0	18.25	18.51	18.65	20	3
15	64QAM	36	20	18.15	18.44	18.59		
15	64QAM	36	39	18.17	18.48	18.46		
15	64QAM	75	0	18.22	18.47	18.56		
15	256QAM	1	0	16.16	16.40	16.62	18	5
15	256QAM	1	37	16.18	16.46	16.51		
15	256QAM	1	74	16.23	16.35	16.60		
15	256QAM	36	0	16.24	16.45	16.56	18	5
15	256QAM	36	20	16.22	16.42	16.59		
15	256QAM	36	39	16.25	16.45	16.67		
15	256QAM	75	0	16.22	16.53	16.64		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.21	21.46	21.63	23	0
10	QPSK	1	25	21.22	21.46	21.56		
10	QPSK	1	49	21.24	21.44	21.57		
10	QPSK	25	0	20.27	20.50	20.61	22	1
10	QPSK	25	12	20.27	20.47	20.57		
10	QPSK	25	25	20.20	20.50	20.55		
10	QPSK	50	0	20.26	20.47	20.59		
10	16QAM	1	0	20.20	20.47	20.61	22	1
10	16QAM	1	25	20.20	20.49	20.63		
10	16QAM	1	49	20.27	20.48	20.65		
10	16QAM	25	0	19.30	19.52	19.62	21	2
10	16QAM	25	12	19.22	19.45	19.53		
10	16QAM	25	25	19.17	19.43	19.60		
10	16QAM	50	0	19.16	19.37	19.60		
10	64QAM	1	0	19.21	19.50	19.48	21	2
10	64QAM	1	25	19.24	19.42	19.58		
10	64QAM	1	49	19.17	19.48	19.52		
10	64QAM	25	0	18.16	18.55	18.66	20	3
10	64QAM	25	12	18.16	18.41	18.59		
10	64QAM	25	25	18.19	18.51	18.48		
10	64QAM	50	0	18.19	18.45	18.51		
10	256QAM	1	0	16.22	16.41	16.63	18	5
10	256QAM	1	25	16.24	16.38	16.50		
10	256QAM	1	49	16.13	16.40	16.58		
10	256QAM	25	0	16.28	16.47	16.60	18	5
10	256QAM	25	12	16.21	16.45	16.56		
10	256QAM	25	25	16.21	16.50	16.67		
10	256QAM	50	0	16.22	16.46	16.68		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.22	21.46	21.65	23	0
5	QPSK	1	12	21.24	21.47	21.57		
5	QPSK	1	24	21.24	21.43	21.56		
5	QPSK	12	0	20.29	20.48	20.62	22	1
5	QPSK	12	7	20.26	20.45	20.59		
5	QPSK	12	13	20.19	20.47	20.56		
5	QPSK	25	0	20.22	20.51	20.62		
5	16QAM	1	0	20.21	20.48	20.59	22	1
5	16QAM	1	12	20.22	20.47	20.61		
5	16QAM	1	24	20.20	20.45	20.57		
5	16QAM	12	0	19.30	19.51	19.62	21	2
5	16QAM	12	7	19.17	19.47	19.60		
5	16QAM	12	13	19.15	19.33	19.52		
5	16QAM	25	0	19.18	19.36	19.52		
5	64QAM	1	0	19.16	19.40	19.53	21	2
5	64QAM	1	12	19.13	19.42	19.61		
5	64QAM	1	24	19.27	19.37	19.52		
5	64QAM	12	0	18.23	18.42	18.53	20	3
5	64QAM	12	7	18.11	18.46	18.55		
5	64QAM	12	13	18.15	18.42	18.45		
5	64QAM	25	0	18.11	18.48	18.61		
5	256QAM	1	0	16.16	16.49	16.63	18	5
5	256QAM	1	12	16.23	16.51	16.59		
5	256QAM	1	24	16.17	16.36	16.54		
5	256QAM	12	0	16.22	16.50	16.66	18	5
5	256QAM	12	7	16.18	16.45	16.55		
5	256QAM	12	13	16.21	16.43	16.66		
5	256QAM	25	0	16.24	16.52	16.62		

Band 43(FCC)_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.12	21.19	21.14	22.5	0
20	QPSK	1	49	21.10	21.03	21.08		
20	QPSK	1	99	21.11	21.05	21.04		
20	QPSK	50	0	20.16	20.21	20.19	21.5	1
20	QPSK	50	24	20.09	20.06	20.06		
20	QPSK	50	50	20.00	20.06	20.08		
20	QPSK	100	0	20.05	20.15	20.14		
20	16QAM	1	0	20.04	20.20	20.12	21.5	1
20	16QAM	1	49	20.15	20.16	20.08		
20	16QAM	1	99	20.02	20.15	20.08		
20	16QAM	50	0	19.04	19.09	19.00	20.5	2
20	16QAM	50	24	18.97	18.97	19.00		
20	16QAM	50	50	18.89	19.04	19.02		
20	16QAM	100	0	19.02	18.99	19.04		
20	64QAM	1	0	19.07	19.03	18.95	20.5	2
20	64QAM	1	49	19.00	19.02	19.04		
20	64QAM	1	99	18.97	19.00	18.93		
20	64QAM	50	0	18.01	17.99	18.01	19.5	3
20	64QAM	50	24	17.91	17.97	17.92		
20	64QAM	50	50	18.02	18.09	17.97		
20	64QAM	100	0	18.05	17.99	17.94		
20	256QAM	1	0	16.07	16.04	15.90	17.5	5
20	256QAM	1	49	15.97	15.96	15.80		
20	256QAM	1	99	16.03	15.97	15.92		
20	256QAM	50	0	16.05	16.09	15.95	17.5	5
20	256QAM	50	24	16.00	16.03	15.92		
20	256QAM	50	50	16.04	15.93	15.93		
20	256QAM	100	0	16.03	15.97	15.94		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.14	21.10	21.15	22.5	0
15	QPSK	1	37	21.15	21.14	21.10		
15	QPSK	1	74	21.08	21.07	21.05		
15	QPSK	36	0	20.16	20.08	20.15	21.5	1
15	QPSK	36	20	20.16	20.10	20.04		
15	QPSK	36	39	20.02	20.12	20.12		
15	QPSK	75	0	20.12	20.07	20.05		
15	16QAM	1	0	20.14	20.16	20.03	21.5	1
15	16QAM	1	37	20.01	20.09	19.99		
15	16QAM	1	74	20.06	20.11	20.05		
15	16QAM	36	0	19.05	19.10	19.02	20.5	2
15	16QAM	36	20	18.95	18.94	18.93		
15	16QAM	36	39	18.97	18.99	19.00		
15	16QAM	75	0	19.06	18.99	19.03		
15	64QAM	1	0	19.05	18.99	19.00	20.5	2
15	64QAM	1	37	18.89	18.99	19.00		
15	64QAM	1	74	19.03	18.97	19.07		
15	64QAM	36	0	18.00	18.04	18.02	19.5	3
15	64QAM	36	20	18.01	18.07	17.94		
15	64QAM	36	39	17.92	18.00	17.97		
15	64QAM	75	0	17.96	18.06	17.95		
15	256QAM	1	0	16.05	15.98	15.91	17.5	5
15	256QAM	1	37	16.02	16.01	15.80		
15	256QAM	1	74	16.05	16.02	15.93		
15	256QAM	36	0	15.97	16.04	15.94	17.5	5
15	256QAM	36	20	15.92	15.97	15.90		
15	256QAM	36	39	16.07	15.94	15.81		
15	256QAM	75	0	16.03	16.03	15.87		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.07	21.11	21.11	22.5	0
10	QPSK	1	25	21.15	21.04	21.12		
10	QPSK	1	49	21.10	20.98	20.98		
10	QPSK	25	0	20.06	20.22	20.10	21.5	1
10	QPSK	25	12	20.15	20.15	20.10		
10	QPSK	25	25	20.05	20.12	20.08		
10	QPSK	50	0	20.07	20.08	20.05		
10	16QAM	1	0	20.10	20.12	19.98	21.5	1
10	16QAM	1	25	20.04	20.20	20.05		
10	16QAM	1	49	20.14	20.05	20.06		
10	16QAM	25	0	19.09	18.98	18.96	20.5	2
10	16QAM	25	12	19.03	19.03	18.96		
10	16QAM	25	25	18.97	18.98	18.96		
10	16QAM	50	0	19.02	18.99	18.93		
10	64QAM	1	0	19.06	19.06	18.95	20.5	2
10	64QAM	1	25	18.93	18.97	19.01		
10	64QAM	1	49	18.95	18.99	18.95		
10	64QAM	25	0	17.95	18.09	17.96	19.5	3
10	64QAM	25	12	17.90	18.04	17.94		
10	64QAM	25	25	18.06	18.02	17.95		
10	64QAM	50	0	18.06	18.02	18.04		
10	256QAM	1	0	16.01	16.04	15.92	17.5	5
10	256QAM	1	25	16.05	15.95	15.91		
10	256QAM	1	49	15.98	16.01	15.85		
10	256QAM	25	0	16.09	15.98	15.97	17.5	5
10	256QAM	25	12	15.96	15.99	15.92		
10	256QAM	25	25	15.97	16.06	15.94		
10	256QAM	50	0	16.04	16.08	15.92		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.04	21.16	21.14	22.5	0
5	QPSK	1	12	21.16	21.15	21.14		
5	QPSK	1	24	20.99	21.01	21.07		
5	QPSK	12	0	20.12	20.20	20.05	21.5	1
5	QPSK	12	7	20.03	20.11	20.12		
5	QPSK	12	13	20.05	20.03	20.01		
5	QPSK	25	0	20.06	20.16	20.05		
5	16QAM	1	0	20.11	20.19	20.01	21.5	1
5	16QAM	1	12	20.05	20.21	20.03		
5	16QAM	1	24	20.14	20.10	20.02		
5	16QAM	12	0	19.01	19.11	19.08	20.5	2
5	16QAM	12	7	19.09	18.94	19.00		
5	16QAM	12	13	19.00	18.95	18.98		
5	16QAM	25	0	19.04	18.94	18.96		
5	64QAM	1	0	19.06	19.05	18.97	20.5	2
5	64QAM	1	12	18.91	19.06	19.04		
5	64QAM	1	24	19.07	18.99	19.04		
5	64QAM	12	0	18.07	18.07	17.96	19.5	3
5	64QAM	12	7	17.91	18.00	17.92		
5	64QAM	12	13	17.98	18.02	17.94		
5	64QAM	25	0	17.97	17.95	17.92		
5	256QAM	1	0	16.02	16.04	15.83	17.5	5
5	256QAM	1	12	16.05	16.04	15.88		
5	256QAM	1	24	15.93	15.91	15.87		
5	256QAM	12	0	16.08	15.98	15.95	17.5	5
5	256QAM	12	7	15.93	16.02	15.90		
5	256QAM	12	13	15.95	16.04	15.87		
5	256QAM	25	0	15.96	16.06	15.93		

Band 43(FCC)_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43690	44090	44490		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.53	21.55	21.53	23	0
20	QPSK	1	49	21.47	21.49	21.47		
20	QPSK	1	99	21.50	21.52	21.52		
20	QPSK	50	0	20.60	20.63	20.61	22	1
20	QPSK	50	24	20.55	20.58	20.56		
20	QPSK	50	50	20.56	20.60	20.60		
20	QPSK	100	0	20.58	20.61	20.60		
20	16QAM	1	0	20.53	20.58	20.55	22	1
20	16QAM	1	49	20.53	20.56	20.55		
20	16QAM	1	99	20.55	20.57	20.58		
20	16QAM	50	0	19.60	19.62	19.61	21	2
20	16QAM	50	24	19.58	19.60	19.56		
20	16QAM	50	50	19.54	19.58	19.58		
20	16QAM	100	0	19.57	19.57	19.56		
20	64QAM	1	0	19.59	19.60	19.60	21	2
20	64QAM	1	49	19.57	19.61	19.54		
20	64QAM	1	99	19.55	19.58	19.57		
20	64QAM	50	0	18.58	18.62	18.61	20	3
20	64QAM	50	24	18.52	18.56	18.55		
20	64QAM	50	50	18.52	18.56	18.55		
20	64QAM	100	0	18.52	18.59	18.56		
20	256QAM	1	0	16.58	16.63	16.60	18	5
20	256QAM	1	49	16.52	16.62	16.57		
20	256QAM	1	99	16.51	16.56	16.59		
20	256QAM	50	0	16.51	16.60	16.54	18	5
20	256QAM	50	24	16.51	16.61	16.53		
20	256QAM	50	50	16.56	16.59	16.57		
20	256QAM	100	0	16.55	16.60	16.55		
Channel				43665	44090	44515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.47	21.49	21.51	23	0
15	QPSK	1	37	21.41	21.47	21.42		
15	QPSK	1	74	21.43	21.50	21.49		
15	QPSK	36	0	20.55	20.57	20.60	22	1
15	QPSK	36	20	20.50	20.54	20.54		
15	QPSK	36	39	20.51	20.54	20.56		
15	QPSK	75	0	20.52	20.55	20.56		
15	16QAM	1	0	20.49	20.54	20.48	22	1
15	16QAM	1	37	20.46	20.55	20.53		
15	16QAM	1	74	20.49	20.55	20.57		
15	16QAM	36	0	19.59	19.60	19.55	21	2
15	16QAM	36	20	19.52	19.55	19.50		
15	16QAM	36	39	19.47	19.46	19.46		
15	16QAM	75	0	19.49	19.43	19.44		
15	64QAM	1	0	19.58	19.48	19.50	21	2
15	64QAM	1	37	19.50	19.47	19.39		
15	64QAM	1	74	19.48	19.54	19.48		
15	64QAM	36	0	18.49	18.51	18.53	20	3
15	64QAM	36	20	18.43	18.46	18.51		
15	64QAM	36	39	18.40	18.52	18.40		
15	64QAM	75	0	18.37	18.51	18.54		
15	256QAM	1	0	16.50	16.51	16.45	18	5
15	256QAM	1	37	16.45	16.51	16.50		
15	256QAM	1	74	16.50	16.41	16.46		
15	256QAM	36	0	16.38	16.52	16.50	18	5
15	256QAM	36	20	16.38	16.57	16.51		
15	256QAM	36	39	16.42	16.58	16.44		
15	256QAM	75	0	16.50	16.53	16.43		
Channel				43640	44090	44540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.52	21.50	21.49	23	0
10	QPSK	1	25	21.43	21.43	21.40		
10	QPSK	1	49	21.48	21.50	21.47		
10	QPSK	25	0	20.55	20.62	20.59	22	1
10	QPSK	25	12	20.52	20.52	20.54		
10	QPSK	25	25	20.52	20.55	20.57		
10	QPSK	50	0	20.55	20.59	20.53		
10	16QAM	1	0	20.46	20.54	20.51	22	1
10	16QAM	1	25	20.51	20.49	20.49		
10	16QAM	1	49	20.52	20.50	20.52		
10	16QAM	25	0	19.58	19.60	19.55	21	2
10	16QAM	25	12	19.49	19.52	19.50		
10	16QAM	25	25	19.43	19.55	19.56		
10	16QAM	50	0	19.46	19.56	19.42		
10	64QAM	1	0	19.55	19.45	19.58	21	2
10	64QAM	1	25	19.54	19.58	19.53		
10	64QAM	1	49	19.46	19.45	19.55		
10	64QAM	25	0	18.52	18.50	18.53	20	3
10	64QAM	25	12	18.44	18.41	18.53		
10	64QAM	25	25	18.48	18.55	18.41		
10	64QAM	50	0	18.37	18.44	18.47		
10	256QAM	1	0	16.57	16.56	16.52	18	5
10	256QAM	1	25	16.51	16.59	16.48		
10	256QAM	1	49	16.40	16.54	16.50		
10	256QAM	25	0	16.38	16.56	16.50	18	5
10	256QAM	25	12	16.36	16.46	16.51		
10	256QAM	25	25	16.44	16.49	16.49		
10	256QAM	50	0	16.42	16.49	16.49		
Channel				43615	44090	44565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.51	21.52	21.49	23	0
5	QPSK	1	12	21.41	21.44	21.42		
5	QPSK	1	24	21.49	21.48	21.48		
5	QPSK	12	0	20.59	20.59	20.55	22	1
5	QPSK	12	7	20.49	20.55	20.49		
5	QPSK	12	13	20.50	20.53	20.58		
5	QPSK	25	0	20.55	20.57	20.53		
5	16QAM	1	0	20.49	20.53	20.48	22	1
5	16QAM	1	12	20.46	20.49	20.52		
5	16QAM	1	24	20.49	20.50	20.51		
5	16QAM	12	0	19.51	19.55	19.58	21	2
5	16QAM	12	7	19.51	19.51	19.55		
5	16QAM	12	13	19.49	19.57	19.50		
5	16QAM	25	0	19.54	19.51	19.42		
5	64QAM	1	0	19.46	19.51	19.57	21	2
5	64QAM	1	12	19.55	19.55	19.53		
5	64QAM	1	24	19.50	19.50	19.48		
5	64QAM	12	0	18.54	18.60	18.48	20	3
5	64QAM	12	7	18.40	18.48	18.41		
5	64QAM	12	13	18.51	18.52	18.54		
5	64QAM	25	0	18.41	18.52	18.45		
5	256QAM	1	0	16.51	16.56	16.52	18	5
5	256QAM	1	12	16.45	16.52	16.48		
5	256QAM	1	24	16.46	16.44	16.57		
5	256QAM	12	0	16.50	16.47	16.39	18	5
5	256QAM	12	7	16.41	16.48	16.49		
5	256QAM	12	13	16.47	16.49	16.52		
5	256QAM	25	0	16.46	16.58	16.45		

Part 96_Band 48_Ant 0(DSI 6/8/9/12)

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	21.32	21.14	21.05	21.26	22.5	0
20	QPSK	1	49	21.31	21.02	20.91	21.21		
20	QPSK	1	99	21.17	21.13	20.97	21.11		
20	QPSK	50	0	21.29	21.11	21.01	21.22	22.5	0
20	QPSK	50	24	21.17	21.09	20.90	21.21		
20	QPSK	50	50	21.28	21.05	20.98	21.08		
20	QPSK	100	0	21.23	21.04	21.05	21.22		
20	16QAM	1	0	21.29	20.96	20.97	21.21	22.5	0
20	16QAM	1	49	21.18	21.02	20.98	21.10		
20	16QAM	1	99	21.11	21.06	20.89	21.16		
20	16QAM	50	0	20.24	19.98	19.88	20.21	21.5	1
20	16QAM	50	24	20.21	20.10	19.93	20.15		
20	16QAM	50	50	20.24	20.11	19.92	20.05		
20	16QAM	100	0	20.21	19.99	19.93	20.16		
20	64QAM	1	0	20.13	20.03	20.01	20.18	21.5	1
20	64QAM	1	49	20.29	19.99	19.97	20.18		
20	64QAM	1	99	20.17	20.09	19.94	20.20		
20	64QAM	50	0	19.18	19.03	19.02	19.08	20.5	2
20	64QAM	50	24	19.28	19.10	18.86	19.19		
20	64QAM	50	50	19.13	18.97	18.90	19.12		
20	64QAM	100	0	19.24	18.99	18.89	19.12		
20	256QAM	1	0	17.11	17.01	16.87	17.17	18.5	4
20	256QAM	1	49	17.13	17.07	16.97	17.10		
20	256QAM	1	99	17.16	16.95	17.03	17.19		
20	256QAM	50	0	17.18	17.07	16.94	17.13	18.5	4
20	256QAM	50	24	17.21	17.01	16.83	17.10		
20	256QAM	50	50	17.21	16.98	16.91	17.15		
20	256QAM	100	0	17.25	16.87	16.88	17.12		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.23	21.03	20.94	21.23	22.5	0
15	QPSK	1	37	21.19	21.00	20.90	21.13		
15	QPSK	1	74	21.17	21.11	20.91	21.17		
15	QPSK	36	0	21.20	21.02	21.03	21.24	22.5	0
15	QPSK	36	20	21.22	21.04	20.95	21.10		
15	QPSK	36	39	21.26	20.95	20.93	21.16		
15	QPSK	75	0	21.22	20.99	20.97	21.15		
15	16QAM	1	0	21.16	21.04	20.86	21.21	22.5	0
15	16QAM	1	37	21.22	21.04	20.98	21.21		
15	16QAM	1	74	21.20	20.95	20.95	21.15		
15	16QAM	36	0	20.30	20.04	20.00	20.13	21.5	1
15	16QAM	36	20	20.26	20.09	19.95	20.20		
15	16QAM	36	39	20.27	20.09	19.86	20.14		
15	16QAM	75	0	20.26	20.04	20.01	20.20		
15	64QAM	1	0	20.25	20.07	20.00	20.10	21.5	1
15	64QAM	1	37	20.28	20.04	19.92	20.12		
15	64QAM	1	74	20.25	19.98	20.01	20.08		
15	64QAM	36	0	19.19	18.98	18.97	19.15	20.5	2
15	64QAM	36	20	19.25	19.10	18.95	19.19		
15	64QAM	36	39	19.20	19.07	18.94	19.17		
15	64QAM	75	0	19.24	19.01	18.97	19.09		
15	256QAM	1	0	17.11	17.12	16.89	17.04	18.5	4
15	256QAM	1	37	17.18	17.06	17.02	17.14		
15	256QAM	1	74	17.26	16.99	16.97	17.06		
15	256QAM	36	0	17.12	17.07	16.94	17.18	18.5	4
15	256QAM	36	20	17.30	17.02	16.89	17.12		
15	256QAM	36	39	17.27	16.98	17.03	17.03		
15	256QAM	75	0	17.26	16.89	17.00	17.07		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.28	21.13	21.04	21.19	22.5	0
10	QPSK	1	25	21.27	21.05	20.92	21.24		
10	QPSK	1	49	21.19	21.13	20.94	21.12		
10	QPSK	25	0	21.22	21.12	20.99	21.13	22.5	0
10	QPSK	25	12	21.23	21.02	20.90	21.16		
10	QPSK	25	25	21.19	21.09	20.91	21.05		
10	QPSK	50	0	21.18	21.06	21.00	21.11		
10	16QAM	1	0	21.21	21.05	20.92	21.21	22.5	0
10	16QAM	1	25	21.28	20.96	20.92	21.15		
10	16QAM	1	49	21.25	21.05	21.00	21.21		
10	16QAM	25	0	20.25	20.01	19.89	20.11	21.5	1
10	16QAM	25	12	20.18	20.04	19.91	20.11		
10	16QAM	25	25	20.23	20.09	19.97	20.10		
10	16QAM	50	0	20.17	19.99	19.95	20.15		
10	64QAM	1	0	20.21	19.98	19.97	20.19	21.5	1
10	64QAM	1	25	20.16	20.08	20.01	20.14		
10	64QAM	1	49	20.29	19.97	19.92	20.09		
10	64QAM	25	0	19.17	19.03	18.97	19.07	20.5	2
10	64QAM	25	12	19.27	19.12	18.91	19.12		
10	64QAM	25	25	19.24	19.06	18.98	19.10		
10	64QAM	50	0	19.18	18.99	18.93	19.12		
10	256QAM	1	0	17.21	17.05	16.92	17.09	18.5	4
10	256QAM	1	25	17.12	17.11	16.91	17.11		
10	256QAM	1	49	17.17	16.92	17.04	17.11		
10	256QAM	25	0	17.14	16.99	17.00	17.11	18.5	4
10	256QAM	25	12	17.20	17.02	16.83	17.05		
10	256QAM	25	25	17.16	17.10	16.90	17.14		
10	256QAM	50	0	17.27	16.93	16.96	17.12		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.21	21.13	20.98	21.27	22.5	0
5	QPSK	1	12	21.26	20.98	20.94	21.22		
5	QPSK	1	24	21.29	21.13	20.95	21.21		
5	QPSK	12	0	21.27	21.00	20.93	21.26	22.5	0
5	QPSK	12	7	21.28	21.11	20.99	21.16		
5	QPSK	12	13	21.23	21.05	20.88	21.11		
5	QPSK	25	0	21.19	21.08	21.04	21.12		
5	16QAM	1	0	21.26	21.03	20.95	21.12	22.5	0
5	16QAM	1	12	21.20	20.95	20.97	21.14		
5	16QAM	1	24	21.23	21.01	20.93	21.24		
5	16QAM	12	0	20.23	19.94	19.97	20.23	21.5	1
5	16QAM	12	7	20.23	19.96	19.98	20.15		
5	16QAM	12	13	20.20	20.00	19.89	20.06		
5	16QAM	25	0	20.17	19.99	19.91	20.20		
5	64QAM	1	0	20.25	20.05	19.96	20.12	21.5	1
5	64QAM	1	12	20.20	20.06	20.01	20.10		
5	64QAM	1	24	20.21	20.08	19.96	20.22		
5	64QAM	12	0	19.14	19.11	18.97	19.06	20.5	2
5	64QAM	12	7	19.22	18.99	18.86	19.22		
5	64QAM	12	13	19.15	19.01	19.00	19.09		
5	64QAM	25	0	19.29	19.01	18.89	19.14		
5	256QAM	1	0	17.10	17.07	16.95	17.09	18.5	4
5	256QAM	1	12	17.22	17.08	16.92	17.17		
5	256QAM	1	24	17.18	16.96	16.92	17.13		
5	256QAM	12	0	17.18	17.04	17.02	17.11	18.5	4
5	256QAM	12	7	17.22	17.07	16.80	17.15		
5	256QAM	12	13	17.15	17.02	17.02	17.16		
5	256QAM	25	0	17.14	16.99	16.97	17.03		

Part 96_Band 48_Ant 1(DSI 7/8/9/10/11/12)

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	21.15	21.55	21.70	21.43	23	0
20	QPSK	1	49	21.12	21.52	21.65	21.37		
20	QPSK	1	99	21.13	21.51	21.52	21.25		
20	QPSK	50	0	20.15	20.63	20.65	20.45	22	1
20	QPSK	50	24	20.04	20.62	20.60	20.40		
20	QPSK	50	50	20.14	20.59	20.58	20.35		
20	QPSK	100	0	20.08	20.58	20.60	20.41		
20	16QAM	1	0	20.47	20.46	20.57	20.53	22	1
20	16QAM	1	49	20.54	20.58	20.65	20.63		
20	16QAM	1	99	20.45	20.52	20.56	20.51		
20	16QAM	50	0	19.47	19.55	19.58	19.53	21	2
20	16QAM	50	24	19.61	19.59	19.66	19.56		
20	16QAM	50	50	19.51	19.55	19.59	19.52		
20	16QAM	100	0	19.56	19.55	19.62	19.59		
20	64QAM	1	0	19.66	19.64	19.68	19.59	21	2
20	64QAM	1	49	19.65	19.62	19.67	19.60		
20	64QAM	1	99	19.60	19.55	19.65	19.57		
20	64QAM	50	0	18.67	18.64	18.69	18.67	20	3
20	64QAM	50	24	18.56	18.58	18.65	18.61		
20	64QAM	50	50	18.52	18.61	18.63	18.53		
20	64QAM	100	0	18.57	18.55	18.61	18.51		
20	256QAM	1	0	16.50	16.51	16.54	16.50	18	5
20	256QAM	1	49	16.51	16.46	16.55	16.48		
20	256QAM	1	99	16.45	16.43	16.51	16.46		
20	256QAM	50	0	16.47	16.50	16.53	16.49	18	5
20	256QAM	50	24	16.45	16.39	16.50	16.47		
20	256QAM	50	50	16.48	16.47	16.53	16.42		
20	256QAM	100	0	16.48	16.40	16.51	16.41		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.05	21.45	21.60	21.33	23	0
15	QPSK	1	37	21.11	21.42	21.55	21.27		
15	QPSK	1	74	21.03	21.41	21.42	21.15		
15	QPSK	36	0	20.05	20.55	20.55	20.35	22	1
15	QPSK	36	20	20.03	20.52	20.50	20.30		
15	QPSK	36	39	20.04	20.49	20.48	20.25		
15	QPSK	75	0	20.02	20.48	20.50	20.31		
15	16QAM	1	0	20.37	20.36	20.47	20.43	22	1
15	16QAM	1	37	20.44	20.48	20.55	20.53		
15	16QAM	1	74	20.35	20.42	20.46	20.41		
15	16QAM	36	0	19.37	19.45	19.48	19.43	21	2
15	16QAM	36	20	19.51	19.49	19.56	19.46		
15	16QAM	36	39	19.41	19.45	19.49	19.42		
15	16QAM	75	0	19.46	19.45	19.52	19.49		
15	64QAM	1	0	19.56	19.54	19.58	19.49	21	2
15	64QAM	1	37	19.55	19.52	19.57	19.50		
15	64QAM	1	74	19.50	19.45	19.55	19.47		
15	64QAM	36	0	18.57	18.54	18.59	18.57	20	3
15	64QAM	36	20	18.46	18.48	18.55	18.51		
15	64QAM	36	39	18.42	18.51	18.53	18.43		
15	64QAM	75	0	18.47	18.45	18.51	18.41		
15	256QAM	1	0	16.40	16.41	16.44	16.40	18	5
15	256QAM	1	37	16.41	16.36	16.45	16.38		
15	256QAM	1	74	16.35	16.33	16.41	16.36		
15	256QAM	36	0	16.37	16.40	16.43	16.39	18	5
15	256QAM	36	20	16.35	16.29	16.40	16.37		
15	256QAM	36	39	16.38	16.37	16.43	16.32		
15	256QAM	75	0	16.38	16.30	16.41	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.13	21.53	21.68	21.41	23	0
10	QPSK	1	25	21.11	21.50	21.63	21.35		
10	QPSK	1	49	21.11	21.49	21.50	21.23		
10	QPSK	25	0	20.13	20.63	20.63	20.43	22	1
10	QPSK	25	12	20.02	20.60	20.58	20.38		
10	QPSK	25	25	20.12	20.57	20.56	20.33		
10	QPSK	50	0	20.06	20.56	20.58	20.39		
10	16QAM	1	0	20.45	20.44	20.55	20.51	22	1
10	16QAM	1	25	20.52	20.56	20.63	20.61		
10	16QAM	1	49	20.43	20.50	20.54	20.49		
10	16QAM	25	0	19.45	19.53	19.56	19.51	21	2
10	16QAM	25	12	19.59	19.57	19.64	19.54		
10	16QAM	25	25	19.49	19.53	19.57	19.50		
10	16QAM	50	0	19.54	19.53	19.60	19.57		
10	64QAM	1	0	19.64	19.62	19.66	19.57	21	2
10	64QAM	1	25	19.63	19.60	19.65	19.58		
10	64QAM	1	49	19.58	19.53	19.63	19.55		
10	64QAM	25	0	18.65	18.62	18.67	18.65	20	3
10	64QAM	25	12	18.54	18.56	18.63	18.59		
10	64QAM	25	25	18.50	18.59	18.61	18.51		
10	64QAM	50	0	18.55	18.53	18.59	18.49		
10	256QAM	1	0	16.48	16.49	16.52	16.48	18	5
10	256QAM	1	25	16.49	16.44	16.53	16.46		
10	256QAM	1	49	16.43	16.41	16.49	16.44		
10	256QAM	25	0	16.45	16.48	16.51	16.47	18	5
10	256QAM	25	12	16.43	16.37	16.48	16.45		
10	256QAM	25	25	16.46	16.45	16.51	16.40		
10	256QAM	50	0	16.46	16.38	16.49	16.39		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.11	21.51	21.66	21.39	23	0
5	QPSK	1	12	21.08	21.48	21.61	21.33		
5	QPSK	1	24	21.09	21.47	21.48	21.21		
5	QPSK	12	0	20.11	20.61	20.61	20.41	22	1
5	QPSK	12	7	20.00	20.58	20.56	20.36		
5	QPSK	12	13	20.10	20.55	20.54	20.31		
5	QPSK	25	0	20.04	20.54	20.56	20.37		
5	16QAM	1	0	20.43	20.42	20.53	20.49	22	1
5	16QAM	1	12	20.50	20.54	20.61	20.59		
5	16QAM	1	24	20.41	20.48	20.52	20.47		
5	16QAM	12	0	19.43	19.51	19.54	19.49	21	2
5	16QAM	12	7	19.57	19.55	19.62	19.52		
5	16QAM	12	13	19.47	19.51	19.55	19.48		
5	16QAM	25	0	19.52	19.51	19.58	19.55		
5	64QAM	1	0	19.62	19.60	19.64	19.55	21	2
5	64QAM	1	12	19.61	19.58	19.63	19.56		
5	64QAM	1	24	19.56	19.51	19.61	19.53		
5	64QAM	12	0	18.63	18.60	18.65	18.63	20	3
5	64QAM	12	7	18.52	18.54	18.61	18.57		
5	64QAM	12	13	18.48	18.57	18.59	18.49		
5	64QAM	25	0	18.53	18.51	18.57	18.47		
5	256QAM	1	0	16.46	16.47	16.50	16.46	18	5
5	256QAM	1	12	16.47	16.42	16.51	16.44		
5	256QAM	1	24	16.41	16.39	16.47	16.42		
5	256QAM	12	0	16.43	16.46	16.49	16.45	18	5
5	256QAM	12	7	16.41	16.35	16.46	16.43		
5	256QAM	12	13	16.44	16.43	16.49	16.38		
5	256QAM	25	0	16.44	16.36	16.47	16.37		

Full & Default Power Mode

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.97	23.02	22.97	24.0	0.0
40	PI/2 BPSK	1	108	22.89	23.03	22.92		
40	PI/2 BPSK	1	214	23.03	23.04	22.95		
40	PI/2 BPSK	108	0	23.04	23.07	23.01	24.0	0.0
40	PI/2 BPSK	108	54	23.02	23.04	23.00	24.0	0.0
40	PI/2 BPSK	108	108	22.92	22.97	22.82	24.0	0.0
40	PI/2 BPSK	216	0	23.04	23.06	22.92		
40	QPSK	1	1	23.09	23.10	23.09	24.0	0.0
40	QPSK	1	108	22.89	22.95	22.86		
40	QPSK	1	214	23.02	23.03	22.94		
40	QPSK	108	0	22.86	22.96	22.92	24.0	0.0
40	QPSK	108	54	23.02	23.04	22.95	24.0	0.0
40	QPSK	108	108	22.85	22.95	22.91	24.0	0.0
40	QPSK	216	0	22.91	23.02	22.90		
40	16QAM	1	1	22.93	23.03	22.92	24.0	0.0
40	64QAM	1	1	23.01	23.05	22.92	24.0	0.0
40	256QAM	1	1	21.48	21.52	21.39	22.5	1.5
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.06	23.07	22.96	24.0	0.0
Channel				372750	376000	379250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.06	23.06	23.02	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.04	22.97	23.07	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.05	22.95	23.02	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.08	23.04	23.06	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.05	23.07	23.04	24.0	0.0
Channel				370550	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.01	22.96	22.95	24.0	0.0

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.19	22.25	22.11	24.0	0.0
40	PI/2 BPSK	1	108	22.16	22.26	22.11		
40	PI/2 BPSK	1	214	22.01	22.05	22.07		
40	PI/2 BPSK	108	0	21.58	21.58	21.52	23.5	0.5
40	PI/2 BPSK	108	54	22.08	22.03	22.00	24.0	0.0
40	PI/2 BPSK	108	108	21.55	21.57	21.56	23.5	0.5
40	PI/2 BPSK	216	0	21.53	21.59	21.51		
40	QPSK	1	1	22.52	22.63	22.53	24.0	0.0
40	QPSK	1	108	22.13	22.16	22.04		
40	QPSK	1	214	22.28	22.34	22.30		
40	QPSK	108	0	21.04	21.05	21.09	23.0	1.0
40	QPSK	108	54	22.18	22.33	22.24	24.0	0.0
40	QPSK	108	108	21.06	21.11	21.07	23.0	1.0
40	QPSK	216	0	21.18	21.25	21.19		
40	16QAM	1	1	21.69	21.71	21.69	23.0	1.0
40	64QAM	1	1	19.56	19.54	19.59	21.5	2.5
40	256QAM	1	1	17.50	17.63	17.52	19.5	4.5
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.50	22.49	22.45	24.0	0.0
Channel				372750	376000	379250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.47	22.55	22.42	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.46	22.48	22.38	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.39	22.50	22.45	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.37	22.62	22.48	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.38	22.58	22.44	24.0	0.0
Channel				370550	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.45	22.56	22.39	24.0	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166600	167300	167900		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.45	23.53	23.52	24.0	0.0
20	PI/2 BPSK	1	53	23.55	23.59	23.49		
20	PI/2 BPSK	1	104	23.48	23.51	23.43		
20	PI/2 BPSK	50	0	23.34	23.49	23.36	24.0	0.0
20	PI/2 BPSK	50	28	23.39	23.54	23.51	24.0	0.0
20	PI/2 BPSK	50	56	23.39	23.51	23.40	24.0	0.0
20	PI/2 BPSK	100	0	23.45	23.55	23.41		
20	QPSK	1	1	23.59	23.62	23.53	24.0	0.0
20	QPSK	1	53	23.39	23.52	23.41		
20	QPSK	1	104	23.48	23.55	23.49		
20	QPSK	50	0	23.40	23.51	23.41	24.0	0.0
20	QPSK	50	28	23.59	23.60	23.45	24.0	0.0
20	QPSK	50	56	23.36	23.48	23.41	24.0	0.0
20	QPSK	100	0	23.50	23.57	23.50		
20	16QAM	1	1	23.43	23.51	23.48	24.0	0.0
20	64QAM	1	1	22.95	23.05	23.04	24.0	0.0
20	256QAM	1	1	21.79	21.92	21.91	22.5	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.55	23.53	23.52	24.0	0.0
Channel				165850	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.46	23.49	23.46	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	1	23.45	23.53	23.48	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	22.66	22.69	22.63	24.0	0.0
20	PI/2 BPSK	1	53	22.56	22.62	22.50		
20	PI/2 BPSK	1	104	22.55	22.64	22.57		
20	PI/2 BPSK	50	0	22.02	22.06	22.03	23.5	0.5
20	PI/2 BPSK	50	28	22.54	22.65	22.63	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.06	22.00	23.5	0.5
20	PI/2 BPSK	100	0	21.85	21.95	21.85		
20	QPSK	1	1	22.67	22.75	22.74	24.0	0.0
20	QPSK	1	53	22.64	22.65	22.62		
20	QPSK	1	104	22.50	22.63	22.55		
20	QPSK	50	0	21.50	21.51	21.45	23.0	1.0
20	QPSK	50	28	22.48	22.56	22.47	24.0	0.0
20	QPSK	50	56	21.46	21.52	21.46	23.0	1.0
20	QPSK	100	0	21.45	21.46	21.40		
20	16QAM	1	1	21.53	21.59	21.53	23.0	1.0
20	64QAM	1	1	20.05	20.12	20.07	21.5	2.5
20	256QAM	1	1	18.02	18.14	18.11	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	1	22.66	22.73	22.64	24.0	0.0
Channel				165850	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.59	22.64	22.73	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	1	22.65	22.71	22.71	24.0	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.06	23.09	23.07	24.0	0.0
40	PI/2 BPSK	1	108	23.09	23.12	22.99		
40	PI/2 BPSK	1	214	23.02	23.12	23.11		
40	PI/2 BPSK	108	0	23.07	23.08	22.99	24.0	0.0
40	PI/2 BPSK	108	54	23.10	23.15	23.05	24.0	0.0
40	PI/2 BPSK	108	108	23.13	23.14	23.13	24.0	0.0
40	PI/2 BPSK	216	0	23.07	23.14	23.03		
40	QPSK	1	1	23.05	23.17	23.13	24.0	0.0
40	QPSK	1	108	22.99	23.12	23.11		
40	QPSK	1	214	22.95	23.08	22.95		
40	QPSK	108	0	23.02	23.08	23.03	24.0	0.0
40	QPSK	108	54	23.05	23.11	23.07	24.0	0.0
40	QPSK	108	108	22.99	23.08	23.07	24.0	0.0
40	QPSK	216	0	23.06	23.09	23.02		
40	16QAM	1	1	23.01	23.13	23.01	24.0	0.0
40	64QAM	1	1	23.04	23.10	23.03	24.0	0.0
40	256QAM	1	1	21.80	21.86	21.84	22.5	1.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.99	23.08	23.07	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.90	23.10	22.99	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	23.01	23.10	23.08	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.90	23.10	23.02	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	22.94	23.14	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.95	23.07	23.02	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	23.00	23.09	23.01	24.0	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.62	23.65	23.52	24.0	0.0
15	PI/2 BPSK	1	40	23.59	23.65	23.61		
15	PI/2 BPSK	1	77	23.46	23.61	23.57		
15	PI/2 BPSK	36	0	23.48	23.57	23.48	24.0	0.0
15	PI/2 BPSK	36	22	23.54	23.64	23.55	24.0	0.0
15	PI/2 BPSK	36	43	23.52	23.53	23.45	24.0	0.0
15	PI/2 BPSK	75	0	23.47	23.51	23.40		
15	QPSK	1	1	23.67	23.69	23.64	24.0	0.0
15	QPSK	1	40	23.59	23.63	23.56		
15	QPSK	1	77	23.59	23.62	23.60		
15	QPSK	36	0	23.49	23.51	23.40	24.0	0.0
15	QPSK	36	22	23.53	23.57	23.51	24.0	0.0
15	QPSK	36	43	23.52	23.55	23.44	24.0	0.0
15	QPSK	75	0	23.55	23.56	23.52		
15	16QAM	1	1	23.53	23.62	23.56	24.0	0.0
15	64QAM	1	1	23.36	23.51	23.43	24.0	0.0
	256QAM	1	1	22.00	22.12	22.09	22.5	1.5
Channel				140700	141000	141300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.53	23.64	23.51	24.0	0.0
Channel				140350	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.52	23.61	23.51	24.0	0.0

n13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					154400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		23.61		24.0	0.0
10	PI/2 BPSK	1	28		23.58			
10	PI/2 BPSK	1	50		23.61			
10	PI/2 BPSK	25	0		23.52		24.0	0.0
10	PI/2 BPSK	25	14		23.56		24.0	0.0
10	PI/2 BPSK	25	27		23.62		24.0	0.0
10	PI/2 BPSK	50	0		23.57			
10	QPSK	1	1		23.65		24.0	0.0
10	QPSK	1	28		23.51			
10	QPSK	1	50		23.54			
10	QPSK	25	0		23.45		24.0	0.0
10	QPSK	25	14		23.55		24.0	0.0
10	QPSK	25	27		23.42		24.0	0.0
10	QPSK	50	0		23.51			
10	16QAM	1	1		23.13		24.0	0.0
10	64QAM	1	1		21.84		23.0	1.0
10	256QAM	1	1		20.52		21.0	3.0
Channel				155900	154400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	23.58	23.60	23.62	24.0	0.0

n14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.65		24.0	0.0
10	PI/2 BPSK	1	28		23.57			
10	PI/2 BPSK	1	50		23.57			
10	PI/2 BPSK	25	0		23.58		24.0	0.0
10	PI/2 BPSK	25	14		23.54		24.0	0.0
10	PI/2 BPSK	25	27		22.48		24.0	0.0
10	PI/2 BPSK	50	0		23.53			
10	QPSK	1	1		23.67		24.0	0.0
10	QPSK	1	28		23.55			
10	QPSK	1	50		23.56			
10	QPSK	25	0		23.50		24.0	0.0
10	QPSK	25	14		23.61		24.0	0.0
10	QPSK	25	27		22.40		24.0	0.0
10	QPSK	50	0		23.57			
10	16QAM	1	1		23.10		24.0	0.0
10	64QAM	1	1		21.85		22.5	1.5
10	256QAM	1	1		20.46		20.5	3.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.59	23.65	23.55	24.0	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.45	23.49	23.42	24.0	0.0
40	PI/2 BPSK	1	108	23.41	23.50	23.46		
40	PI/2 BPSK	1	214	23.35	23.46	23.41		
40	PI/2 BPSK	108	0	23.27	23.42	23.28	24.0	0.0
40	PI/2 BPSK	108	54	23.37	23.43	23.28	24.0	0.0
40	PI/2 BPSK	108	108	23.37	23.45	23.44	24.0	0.0
40	PI/2 BPSK	216	0	23.47	23.48	23.47		
40	QPSK	1	1	23.49	23.51	23.47	24.0	0.0
40	QPSK	1	108	23.39	23.46	23.37		
40	QPSK	1	214	23.27	23.42	23.37		
40	QPSK	108	0	23.37	23.45	23.38	24.0	0.0
40	QPSK	108	54	23.38	23.49	23.39	24.0	0.0
40	QPSK	108	108	23.36	23.46	23.33	24.0	0.0
40	QPSK	216	0	23.44	23.47	23.46		
40	16QAM	1	1	23.37	23.47	23.40	24.0	0.0
40	64QAM	1	1	23.47	23.48	23.35	24.0	0.0
40	256QAM	1	1	22.00	22.10	22.05	22.5	1.5
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.45	23.38	23.33	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.44	23.48	23.40	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	23.43	23.41	23.39	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.44	23.39	23.27	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	23.42	23.37	23.34	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.39	23.50	23.32	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	23.45	23.38	23.31	24.0	0.0

n26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164600	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.43	23.56	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.53	23.58	23.47		
20	PI/2 BPSK	1	104	23.40	23.54	23.52		
20	PI/2 BPSK	50	0	23.44	23.53	23.39	24.0	0.0
20	PI/2 BPSK	50	28	23.52	23.57	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.47	23.51	23.45	24.0	0.0
20	PI/2 BPSK	100	0	23.56	23.59	23.51		
20	QPSK	1	1	23.56	23.52	23.53	24.0	0.0
20	QPSK	1	53	23.48	23.59	23.47		
20	QPSK	1	104	23.47	23.58	23.45		
20	QPSK	50	0	23.50	23.52	23.44	24.0	0.0
20	QPSK	50	28	23.51	23.50	23.46	24.0	0.0
20	QPSK	50	56	23.45	23.52	23.38	24.0	0.0
20	QPSK	100	0	23.49	23.57	23.52		
20	16QAM	1	1	23.46	23.51	23.40	24.0	0.0
20	64QAM	1	1	22.41	22.47	22.43	23.0	1.0
20	256QAM	1	1	21.39	21.53	21.40	22.0	2.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.51	23.59	23.50	24.0	0.0
Channel				163850	166350	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.55	23.47	23.51	24.0	0.0
Channel				163550	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.49	23.48	23.44	24.0	0.0

n30_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.18		24.0	0.0
10	PI/2 BPSK	1	28		23.21			
10	PI/2 BPSK	1	50		23.17			
10	PI/2 BPSK	25	0		23.18		24.0	0.0
10	PI/2 BPSK	25	14		23.15		24.0	0.0
10	PI/2 BPSK	25	27		23.18		24.0	0.0
10	PI/2 BPSK	50	0		23.19			
10	QPSK	1	1		23.24		24.0	0.0
10	QPSK	1	28		23.19			
10	QPSK	1	50		23.18			
10	QPSK	25	0		23.18		24.0	0.0
10	QPSK	25	14		23.22		24.0	0.0
10	QPSK	25	27		23.09		24.0	0.0
10	QPSK	50	0		23.16			
10	16QAM	1	1		23.16		24.0	0.0
10	64QAM	1	1		23.20		24.0	0.0
10	256QAM	1	1		21.75		22.5	1.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.13	23.20	23.12	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.45		24.0	0.0
10	PI/2 BPSK	1	28		22.43			
10	PI/2 BPSK	1	50		22.42			
10	PI/2 BPSK	25	0		21.76		23.5	0.5
10	PI/2 BPSK	25	14		22.37		24.0	0.0
10	PI/2 BPSK	25	27		21.84		23.5	0.5
10	PI/2 BPSK	50	0		21.86			
10	QPSK	1	1		22.57		24.0	0.0
10	QPSK	1	28		22.44			
10	QPSK	1	50		22.46			
10	QPSK	25	0		21.36		23.0	1.0
10	QPSK	25	14		22.52		24.0	0.0
10	QPSK	25	27		21.36		23.0	1.0
10	QPSK	50	0		21.35			
10	16QAM	1	1		21.33		23.0	1.0
10	64QAM	1	1		19.90		21.5	2.5
10	256QAM	1	1		18.06		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	22.48	22.43	22.56	24.0	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1730	1745	1780		
40	Pi/2 BPSK	1	1	23.12	23.18	23.15	24.0	0.0
40	Pi/2 BPSK	1	108	23.11	23.16	23.05		
40	Pi/2 BPSK	1	214	23.02	23.14	22.99		
40	Pi/2 BPSK	108	0	23.02	23.15	23.06	24.0	0.0
40	Pi/2 BPSK	108	54	23.04	23.18	23.06	24.0	0.0
40	Pi/2 BPSK	108	108	22.95	23.08	22.93	24.0	0.0
40	Pi/2 BPSK	216	0	23.13	23.16	23.05		
40	QPSK	1	1	23.15	23.22	23.16	24.0	0.0
40	QPSK	1	108	23.07	23.19	23.05		
40	QPSK	1	214	23.10	23.18	23.10		
40	QPSK	108	0	23.05	23.16	23.03	24.0	0.0
40	QPSK	108	54	23.14	23.17	23.08	24.0	0.0
40	QPSK	108	108	23.12	23.14	23.05	24.0	0.0
40	QPSK	216	0	23.00	23.15	23.04		
40	16QAM	1	1	23.14	23.15	23.12	24.0	0.0
40	64QAM	1	1	22.99	23.12	23.07	24.0	0.0
40	256QAM	1	1	21.70	21.72	21.69	22.5	1.5
Channel				342500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.09	23.17	23.03	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.13	23.18	23.11	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.05	23.17	23.02	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.04	23.15	23.13	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	23.00	23.20	23.15	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.06	23.14	23.09	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	23.06	23.13	23.12	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	22.35	22.40	22.35	24.0	0.0
40	Pi/2 BPSK	1	108	22.35	22.38	22.27		
40	Pi/2 BPSK	1	214	22.26	22.39	22.25		
40	Pi/2 BPSK	108	0	21.65	21.77	21.63	23.5	0.5
40	Pi/2 BPSK	108	54	22.31	22.34	22.33	24.0	0.0
40	Pi/2 BPSK	108	108	21.67	21.76	21.63	23.5	0.5
40	Pi/2 BPSK	216	0	21.71	21.79	21.67		
40	QPSK	1	1	23.01	23.07	23.01	24.0	0.0
40	QPSK	1	108	22.78	22.86	22.81		
40	QPSK	1	214	22.60	22.64	22.55		
40	QPSK	108	0	21.18	21.30	21.24	23.0	1.0
40	QPSK	108	54	22.71	22.83	22.76	24.0	0.0
40	QPSK	108	108	21.31	21.43	21.40	23.0	1.0
40	QPSK	216	0	21.26	21.32	21.31		
40	16QAM	1	1	21.79	21.83	21.77	23.0	1.0
40	64QAM	1	1	20.26	20.32	20.26	21.5	2.5
40	256QAM	1	1	17.73	17.83	17.70	19.5	4.5
Channel				342500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.90	23.02	22.95	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.92	22.93	22.99	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.87	22.98	22.92	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.90	23.06	22.86	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	22.91	23.00	22.97	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.89	22.98	22.98	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	22.87	22.95	22.95	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134000	136100	137600		
Frequency (MHz)				873	880.5	888		
20	Pi/2 BPSK	1	1	23.59	23.67	23.57	24.0	0.0
20	Pi/2 BPSK	1	53	23.42	23.58	23.52		
20	Pi/2 BPSK	1	104	23.46	23.50	23.47		
20	Pi/2 BPSK	50	0	23.59	23.66	23.59	24.0	0.0
20	Pi/2 BPSK	50	28	23.60	23.64	23.61	24.0	0.0
20	Pi/2 BPSK	50	56	23.51	23.52	23.37	24.0	0.0
20	Pi/2 BPSK	100	0	23.48	23.63	23.62		
20	QPSK	1	1	23.75	23.78	23.72	24.0	0.0
20	QPSK	1	53	23.46	23.60	23.52		
20	QPSK	1	104	23.36	23.50	23.39		
20	QPSK	50	0	23.54	23.59	23.49	24.0	0.0
20	QPSK	50	28	23.37	23.68	23.55	24.0	0.0
20	QPSK	50	56	23.47	23.53	23.38	24.0	0.0
20	QPSK	100	0	23.52	23.66	23.59		
20	16QAM	1	1	23.62	23.68	23.66	24.0	0.0
20	64QAM	1	1	23.64	23.71	23.56	24.0	0.0
20	256QAM	1	1	22.06	22.18	22.15	22.5	1.5
Channel				134110	136110	137110	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				870.5	880.5	890.5		
15	QPSK	1	1	23.66	23.63	23.64	24.0	0.0
Channel				133820	136120	136820	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				868	880.5	893		
10	QPSK	1	1	23.70	23.66	23.65	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				865.5	880.5	895.5		
5	QPSK	1	1	23.64	23.63	23.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.51	23.53	23.40		
40	PI/2 BPSK	1	53	23.41	23.48	23.37	24.0	0.0
40	PI/2 BPSK	1	104	23.37	23.52	23.47		
40	PI/2 BPSK	50	0	23.45	23.56	23.50	24.0	0.0
40	PI/2 BPSK	50	28	23.56	23.57	23.52	24.0	0.0
40	PI/2 BPSK	50	56	23.32	23.43	23.36	24.0	0.0
40	PI/2 BPSK	100	0	23.40	23.55	23.46		
40	QPSK	1	1	23.57	23.58	23.57		
40	QPSK	1	53	23.26	23.41	23.37	24.0	0.0
40	QPSK	1	104	23.28	23.30	23.21		
40	QPSK	50	0	23.45	23.50	23.48		
40	QPSK	50	28	23.50	23.54	23.51	24.0	0.0
40	QPSK	50	56	23.30	23.43	23.41		
40	QPSK	100	0	23.39	23.52	23.45	24.0	0.0
40	16QAM	1	1	23.38	23.52	23.46	24.0	0.0
40	64QAM	1	1	23.43	23.45	23.41	24.0	0.0
40	256QAM	1	1	22.02	22.15	22.14	22.5	1.5
Channel				517052	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	23.56	23.56	23.48	24.0	0.0
Channel				516504	519000	521496	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	23.47	23.46	23.49	24.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	23.51	23.49	23.46	24.0	0.0
Channel				515052	519000	522948	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	23.50	23.47	23.45	24.0	0.0
Channel				514504	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	23.43	23.49	23.42	24.0	0.0
Channel				514002	519000	523002	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	1	23.56	23.56	23.42	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.32	22.37	22.24		
40	PI/2 BPSK	1	53	22.14	22.28	22.26	24.0	0.0
40	PI/2 BPSK	1	104	22.04	22.11	22.02		
40	PI/2 BPSK	50	0	21.70	21.74	21.68	23.5	0.5
40	PI/2 BPSK	50	28	22.06	22.10	22.02	24.0	0.0
40	PI/2 BPSK	50	56	21.96	22.04	21.91	23.5	0.5
40	PI/2 BPSK	100	0	21.62	21.66	21.58		
40	QPSK	1	1	22.35	22.39	22.31		
40	QPSK	1	53	22.24	22.27	22.15	24.0	0.0
40	QPSK	1	104	22.07	22.14	22.05		
40	QPSK	50	0	21.17	21.23	21.20		
40	QPSK	50	28	22.05	22.12	22.10	24.0	0.0
40	QPSK	50	56	22.04	22.10	22.09		
40	QPSK	100	0	21.03	21.09	21.06	23.0	1.0
40	16QAM	1	1	21.33	21.37	21.29	23.0	1.0
40	64QAM	1	1	19.66	19.73	19.66	21.5	2.5
40	256QAM	1	1	17.83	17.84	17.77	19.5	4.5
Channel				517052	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	22.26	22.33	22.30	24.0	0.0
Channel				516504	519000	521496	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	22.26	22.37	22.29	24.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	22.20	22.36	22.25	24.0	0.0
Channel				515052	519000	522948	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	22.25	22.31	22.24	24.0	0.0
Channel				514504	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	22.20	22.24	22.27	24.0	0.0
Channel				514002	519000	523002	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	1	22.27	22.36	22.23	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.28	23.40	23.27		
100	PI/2 BPSK	1	137	23.09	23.13	23.06	24.0	0.0
100	PI/2 BPSK	1	271	23.18	23.32	23.24		
100	PI/2 BPSK	135	0	23.20	23.25	23.16	24.0	0.0
100	PI/2 BPSK	135	69	23.07	23.17	23.04	24.0	0.0
100	PI/2 BPSK	135	138	23.21	23.23	23.14	24.0	0.0
100	PI/2 BPSK	270	0	23.22	23.25	23.20		
100	QPSK	1	1	23.53	23.62	23.52		
100	QPSK	1	137	23.03	23.11	23.07	24.0	0.0
100	QPSK	1	271	23.33	23.34	23.32		
100	QPSK	135	0	23.19	23.26	23.11		
100	QPSK	135	69	23.24	23.27	23.16	24.0	0.0
100	QPSK	135	138	23.18	23.22	23.08		
100	QPSK	270	0	23.19	23.20	23.15	24.0	0.0
100	16QAM	1	1	23.29	23.36	23.31	24.0	0.0
100	64QAM	1	1	23.31	23.38	23.25	24.0	0.0
100	256QAM	1	1	21.89	21.95	21.91	22.5	1.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	23.45	23.58	23.46	24.0	0.0
Channel				507204	518598	529992	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	23.40	23.48	23.48	24.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	23.41	23.48	23.51	24.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	23.40	23.51	23.48	24.0	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	23.46	23.48	23.44	24.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	23.50	23.49	23.47	24.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	23.45	23.60	23.48	24.0	0.0
Channel				501702	518598	535692	Tune-up limit	MPR
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)	(dB)
25	QPSK	1	1	23.52	23.48	23.54	24.0	0.0
Channel				501204	518598	536988	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	23.51	23.58	23.54	24.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	23.42	23.61	23.50	24.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	23.52	23.47	23.53	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.25	22.37	22.22		
100	PI/2 BPSK	1	137	22.08	22.21	22.20	24.0	0.0
100	PI/2 BPSK	1	271	22.13	22.18	22.16		
100	PI/2 BPSK	135	0	22.02	22.09	22.03	23.5	0.5
100	PI/2 BPSK	135	69	22.08	22.11	22.09	24.0	0.0
100	PI/2 BPSK	135	138	21.81	21.95	21.89	23.5	0.5
100	PI/2 BPSK	270	0	21.84	21.93	21.84		
100	QPSK	1	1	22.42	22.54	22.30		
100	QPSK	1	137	22.08	22.14	22.00	24.0	0.0
100	QPSK	1	271	22.17	22.30	22.20		
100	QPSK	135	0	22.05	22.10	22.05		
100	QPSK	135	69	22.08	22.11	22.08	24.0	0.0
100	QPSK	135	138	22.01	22.03	22.03		
100	QPSK	270	0	21.77	21.90	21.81	23.0	1.0
100	16QAM	1	1	22.36	22.48	22.34	23.0	1.0
100	64QAM	1	1	22.38	22.41	22.36	23.0	1.0
100	256QAM	1	1	20.73	20.77	20.71	21.5	2.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.36	22.45	22.33	24.0	0.0
Channel				507204	518598	529992	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	22.30	22.43	22.35	24.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.40	22.44	22.32	24.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.36	22.43	22.34	24.0	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.37	22.41	22.27	24.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.29	22.49	22.29	24.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.35	22.49	22.22	24.0	0.0
Channel				501702	518598	535692	Tune-up limit	MPR
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)	(dB)
25	QPSK	1	1	22.31	22.53	22.28	24.0	0.0
Channel				501204	518598	536988	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.41	22.51	22.31	24.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	22.28	22.53	22.26	24.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	22.37	22.47	22.23	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.03	22.16	22.09		
40	PI/2 BPSK	1	53	21.97	21.98	21.95	23.0	0.0
40	PI/2 BPSK	1	104	21.97	22.12	22.06		
40	PI/2 BPSK	50	0	21.97	22.01	21.88	23.0	0.0
40	PI/2 BPSK	50	28	22.04	22.13	22.09	23.0	0.0
40	PI/2 BPSK	50	56	21.92	22.01	21.86	23.0	0.0
40	PI/2 BPSK	100	0	22.05	22.15	22.07		
40	QPSK	1	1	22.16	22.28	22.27		
40	QPSK	1	53	21.90	22.00	21.87	23.0	0.0
40	QPSK	1	104	22.11	22.15	22.11		
40	QPSK	50	0	21.93	22.01	21.88		
40	QPSK	50	28	22.07	22.16	22.10	23.0	0.0
40	QPSK	50	56	21.90	22.02	21.88		
40	QPSK	100	0	22.02	22.15	22.05	23.0	0.0
40	16QAM	1	1	21.98	22.11	22.05	23.0	0.0
40	64QAM	1	1	21.49	21.63	21.61	22.5	0.5
40	256QAM	1	1	19.55	19.63	19.55	20.5	2.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.06	22.26	22.15	23.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.09	22.27	22.25	23.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.14	22.22	22.24	23.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.03	22.21	22.25	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.84	21.69	21.62		
40	PI/2 BPSK	1	53	21.60	21.66	21.63	23.0	0.0
40	PI/2 BPSK	1	104	21.65	21.71	21.65		
40	PI/2 BPSK	50	0	21.09	21.17	21.02	22.5	0.5
40	PI/2 BPSK	50	28	21.66	21.73	21.59	23.0	0.0
40	PI/2 BPSK	50	56	21.07	21.18	21.08	22.5	0.5
40	PI/2 BPSK	100	0	21.24	21.26	21.16		
40	QPSK	1	1	21.71	21.75	21.72		
40	QPSK	1	53	21.66	21.72	21.66	23.0	0.0
40	QPSK	1	104	21.66	21.72	21.69		
40	QPSK	50	0	20.52	20.66	20.63		
40	QPSK	50	28	21.57	21.72	21.66	23.0	0.0
40	QPSK	50	56	20.63	20.65	20.55		
40	QPSK	100	0	20.71	20.73	20.69	22.0	1.0
40	16QAM	1	1	20.44	20.59	20.53	22.0	1.0
40	64QAM	1	1	19.01	19.10	18.99	20.5	2.5
40	256QAM	1	1	17.05	17.11	16.99	18.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.60	21.74	21.63	23.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.63	21.73	21.64	23.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.58	21.72	21.70	23.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.57	21.71	21.71	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	23.31				
100	PI/2 BPSK	1	137	23.22			24.0	0.0
100	PI/2 BPSK	1	271	23.32				
100	PI/2 BPSK	135	0	23.30			24.0	0.0
100	PI/2 BPSK	135	69	23.29			24.0	0.0
100	PI/2 BPSK	135	138	23.23			24.0	0.0
100	PI/2 BPSK	270	0	23.21				
100	QPSK	1	1	23.34				
100	QPSK	1	137	23.19			24.0	0.0
100	QPSK	1	271	23.27				
100	QPSK	135	0	23.22				
100	QPSK	135	69	23.31			24.0	0.0
100	QPSK	135	138	23.24				
100	QPSK	270	0	23.29			24.0	0.0
100	16QAM	1	1	23.19			24.0	0.0
100	64QAM	1	1	23.22			24.0	0.0
100	256QAM	1	1	21.95			22.5	1.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.23	23.28	23.25	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.20	23.18	23.20	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	(dB)	
70	QPSK	1	1	23.15	23.22	23.20	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.11	23.25	23.19	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	23.22	23.16	23.24	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	23.08	23.14	23.20	24.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	23.15	23.19	23.16	24.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	23.15	23.17	23.23	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.11	23.18	23.11	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	23.20	23.17	23.14	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	23.19	23.23	23.24	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.62	22.67	22.60		
100	PI/2 BPSK	1	137	22.57	22.70	22.68	24.0	0.0
100	PI/2 BPSK	1	271	22.66	22.63	22.66		
100	PI/2 BPSK	135	0	22.61	22.59	22.56	24.0	0.0
100	PI/2 BPSK	135	69	22.62	22.59	22.55	24.0	0.0
100	PI/2 BPSK	135	138	22.70	22.59	22.60	24.0	0.0
100	PI/2 BPSK	270	0	22.64	22.64	22.65		
100	QPSK	1	1	22.72	22.73	22.70		
100	QPSK	1	137	22.69	22.61	22.62	24.0	0.0
100	QPSK	1	271	22.66	22.67	22.64		
100	QPSK	135	0	22.61	22.60	22.55		
100	QPSK	135	69	22.67	22.69	22.68	24.0	0.0
100	QPSK	135	138	22.66	22.61	22.62		
100	QPSK	270	0	22.67	22.68	22.62	24.0	0.0
100	16QAM	1	1	22.57	22.71	22.62	24.0	0.0
100	64QAM	1	1	22.71	22.69	22.58	24.0	0.0
100	256QAM	1	1	21.76	21.89	21.82	22.5	1.5
Channel				649669	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.68	22.60	22.55	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.69	22.71	22.62	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.69	22.62	22.64	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.58	22.62	22.59	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.70	22.72	22.56	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.67	22.61	22.57	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.66	22.71	22.67	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	22.57	22.69	22.67	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.63	22.67	22.58	24.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	22.69	22.66	22.63	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.60	22.62	22.57	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.24			
100	PI/2 BPSK	1	137		26.17		27.0	0.0
100	PI/2 BPSK	1	271		26.19			
100	PI/2 BPSK	135	0		25.78		26.5	0.5
100	PI/2 BPSK	135	69		26.18		27.0	0.0
100	PI/2 BPSK	135	138		25.60		26.5	0.5
100	PI/2 BPSK	270	0		25.87			
100	QPSK	1	1		26.32		27.0	0.0
100	QPSK	1	137		25.87			
100	QPSK	1	271		26.16			
100	QPSK	135	0		25.28		27.0	0.0
100	QPSK	135	69		26.07			
100	QPSK	135	138		25.13			
100	QPSK	270	0		25.27		26.0	1.0
100	16QAM	1	1		25.43		26.0	1.0
100	64QAM	1	1		23.92		24.5	2.5
100	256QAM	1	1		21.95		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.22	26.27	26.21	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.29	26.27	26.28	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.21	26.22	26.29	27.0	0.0
Channel				632002	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.29	26.17	26.17	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.31	26.17	26.26	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.26	26.17	26.27	27.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.18	26.20	26.27	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3537.48		
25	QPSK	1	1	26.31	26.21	26.31	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.23	26.22	26.19	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.24	26.20	26.22	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.21	26.19	26.18	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.59	25.72	25.65		
100	PI/2 BPSK	1	137	25.49	25.63	25.57	27.0	0.0
100	PI/2 BPSK	1	271	25.26	25.34	25.33		
100	PI/2 BPSK	135	0	25.50	25.56	25.52	26.5	0.5
100	PI/2 BPSK	135	69	25.41	25.56	25.55	27.0	0.0
100	PI/2 BPSK	135	138	25.63	25.65	25.51	26.5	0.5
100	PI/2 BPSK	270	0	25.57	25.68	25.54		
100	QPSK	1	1	25.67	25.73	25.67		
100	QPSK	1	137	25.15	25.26	25.21	27.0	0.0
100	QPSK	1	271	25.55	25.64	25.50		
100	QPSK	135	0	24.36	24.43	24.34		
100	QPSK	135	69	25.05	25.11	25.04	27.0	0.0
100	QPSK	135	138	24.50	24.58	24.57		
100	QPSK	270	0	24.29	24.42	24.31	26.0	1.0
100	16QAM	1	1	24.41	24.47	24.34	26.0	1.0
100	64QAM	1	1	23.16	23.22	23.17	24.5	2.5
100	256QAM	1	1	21.76	21.89	21.82	22.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.61	25.70	25.66	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.52	25.70	25.52	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.52	25.61	25.66	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.66	25.60	25.65	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.60	25.66	25.66	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.66	25.72	25.56	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	25.54	25.60	25.66	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.59	25.72	25.61	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.64	25.72	25.65	27.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.56	25.65	25.54	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.66	25.72	25.57	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.57			
100	PI/2 BPSK	1	137		22.46		24.0	0.0
100	PI/2 BPSK	1	271		22.46			
100	PI/2 BPSK	135	0		22.48		24.0	0.0
100	PI/2 BPSK	135	69		22.58		24.0	0.0
100	PI/2 BPSK	135	138		22.49		24.0	0.0
100	PI/2 BPSK	270	0		22.58			
100	QPSK	1	1		22.60		24.0	0.0
100	QPSK	1	137		22.57			
100	QPSK	1	271		22.57			
100	QPSK	135	0		22.50		24.0	0.0
100	QPSK	135	69		22.58			
100	QPSK	135	138		22.45			
100	QPSK	270	0		22.56		24.0	0.0
100	16QAM	1	1		22.56		24.0	0.0
100	64QAM	1	1		22.52		24.0	0.0
100	256QAM	1	1		20.95		22.5	1.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.48	22.47	22.45	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.42	22.37	22.41	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.35	22.46	22.39	24.0	0.0
Channel				632002	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.46	22.41	22.33	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.44	22.39	22.38	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.39	22.35	22.30	24.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.45	22.37	22.33	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3537.48		
25	QPSK	1	1	22.35	22.45	22.39	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.36	22.40	22.43	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.42	22.39	22.37	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.40	22.40	22.44	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.26	22.29	22.16		
100	PI/2 BPSK	1	137	22.29	22.28	22.27	24.0	0.0
100	PI/2 BPSK	1	271	22.24	22.33	22.25		
100	PI/2 BPSK	135	0	22.17	22.34	22.28	24.0	0.0
100	PI/2 BPSK	135	69	22.25	22.31	22.20	24.0	0.0
100	PI/2 BPSK	135	138	22.25	22.41	22.28	24.0	0.0
100	PI/2 BPSK	270	0	22.17	22.42	22.19		
100	QPSK	1	1	22.32	22.43	22.30		
100	QPSK	1	137	22.21	22.32	22.16	24.0	0.0
100	QPSK	1	271	22.29	22.40	22.21		
100	QPSK	135	0	22.21	22.37	22.15		
100	QPSK	135	69	22.29	22.41	22.27	24.0	0.0
100	QPSK	135	138	22.23	22.32	22.23		
100	QPSK	270	0	22.28	22.37	22.16	24.0	0.0
100	16QAM	1	1	22.29	22.42	22.21	24.0	0.0
100	64QAM	1	1	22.22	22.28	22.23	24.0	0.0
100	256QAM	1	1	20.82	20.85	20.74	22.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.21	22.34	22.25	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	24.0	0.0
80	QPSK	1	1	22.23	22.41	22.23	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.31	22.34	22.19	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	24.0	0.0
60	QPSK	1	1	22.28	22.29	22.22	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	24.0	0.0
50	QPSK	1	1	22.24	22.39	22.28	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	24.0	0.0
40	QPSK	1	1	22.27	22.31	22.17	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	24.0	0.0
30	QPSK	1	1	22.27	22.42	22.29	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	24.0	0.0
25	QPSK	1	1	22.22	22.38	22.21	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	24.0	0.0
20	QPSK	1	1	22.25	22.31	22.16	24.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	24.0	0.0
15	QPSK	1	1	22.27	22.32	22.26	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	24.0	0.0
10	QPSK	1	1	22.22	22.41	22.22	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.04			
100	PI/2 BPSK	1	137		25.94		27.0	0.0
100	PI/2 BPSK	1	271		25.89			
100	PI/2 BPSK	135	0		25.28		26.5	0.5
100	PI/2 BPSK	135	69		25.83		27.0	0.0
100	PI/2 BPSK	135	138		25.45		26.5	0.5
100	PI/2 BPSK	270	0		25.27			
100	QPSK	1	1		25.95		27.0	0.0
100	QPSK	1	137		25.09			
100	QPSK	1	271		24.89			
100	QPSK	135	0		24.57		27.0	0.0
100	QPSK	135	69		25.27			
100	QPSK	135	138		24.61			
100	QPSK	270	0		24.68		26.0	1.0
100	16QAM	1	1		24.86		26.0	1.0
100	64QAM	1	1		23.24		24.5	2.5
100	256QAM	1	1		21.45		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.93	26.03	26.02	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.95	26.04	25.97	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.95	25.94	25.97	27.0	0.0
Channel				632002	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.92	26.03	26.01	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.05	26.00	25.92	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.95	26.04	25.94	27.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.03	25.92	25.95	27.0	0.0
Channel				630634	633332	636032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	26.03	25.99	26.02	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.98	25.99	25.97	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.00	25.93	25.98	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.01	25.96	26.05	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.92	25.93	25.82		
100	PI/2 BPSK	1	137	25.80	25.92	25.78	27.0	0.0
100	PI/2 BPSK	1	271	25.70	25.75	25.70		
100	PI/2 BPSK	135	0	25.02	25.15	25.02	26.5	0.5
100	PI/2 BPSK	135	69	25.67	25.82	25.79	27.0	0.0
100	PI/2 BPSK	135	138	25.25	25.39	25.37	26.5	0.5
100	PI/2 BPSK	270	0	25.16	25.21	25.11		
100	QPSK	1	1	25.90	25.98	25.85	27.0	0.0
100	QPSK	1	137	24.83	24.94	24.87		
100	QPSK	1	271	24.82	24.84	24.73		
100	QPSK	135	0	24.50	24.58	24.44	27.0	0.0
100	QPSK	135	69	25.01	25.16	25.11		
100	QPSK	135	138	24.35	24.49	24.40		
100	QPSK	270	0	24.53	24.66	24.54	26.0	1.0
100	16QAM	1	1	24.79	24.83	24.79	26.0	1.0
100	64QAM	1	1	23.03	23.18	23.09	24.5	2.5
100	256QAM	1	1	21.32	21.35	21.24	22.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.76	25.91	25.73	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.85	25.90	25.71	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.80	25.85	25.71	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.85	25.94	25.82	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.76	25.90	25.79	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.77	25.87	25.72	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	25.84	25.95	25.79	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.89	25.87	25.70	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.85	25.86	25.80	27.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.75	25.94	25.80	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.89	25.85	25.73	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.22			
100	PI/2 BPSK	1	137		23.25		24.0	0.0
100	PI/2 BPSK	1	271		23.20			
100	PI/2 BPSK	135	0		23.25		24.0	0.0
100	PI/2 BPSK	135	69		23.22		24.0	0.0
100	PI/2 BPSK	135	138		23.14		24.0	0.0
100	PI/2 BPSK	270	0		23.24			
100	QPSK	1	1		23.26		24.0	0.0
100	QPSK	1	137		23.14			
100	QPSK	1	271		23.20			
100	QPSK	135	0		23.16		24.0	0.0
100	QPSK	135	69		23.22			
100	QPSK	135	138		23.14			
100	QPSK	270	0		23.18		24.0	0.0
100	16QAM	1	1		23.14		24.0	0.0
100	64QAM	1	1		23.18		24.0	0.0
100	256QAM	1	1		21.68		22.5	1.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.25	23.24	23.18	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.15	23.10	23.15	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.23	23.15	23.11	24.0	0.0
Channel				632002	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.10	23.22	23.17	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.18	23.10	23.18	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.10	23.17	23.16	24.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.13	23.10	23.14	24.0	0.0
Channel				630634	633332	636032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.19	23.17	23.15	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.22	23.11	23.05	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.14	23.12	23.08	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.14	23.11	23.16	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.97			
100	PI/2 BPSK	1	137		23.01		24.0	0.0
100	PI/2 BPSK	1	271		22.91			
100	PI/2 BPSK	135	0		23.03		24.0	0.0
100	PI/2 BPSK	135	69		22.97		24.0	0.0
100	PI/2 BPSK	135	138		22.98		24.0	0.0
100	PI/2 BPSK	270	0		22.98			
100	QPSK	1	1		23.04		24.0	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.99		24.0	0.0
100	QPSK	135	69		23.03			
100	QPSK	135	138		22.97			
100	QPSK	270	0		22.99		24.0	0.0
100	16QAM	1	1		22.97		24.0	0.0
100	64QAM	1	1		22.99		24.0	0.0
100	256QAM	1	1		21.62		22.5	1.5
Channel				649669	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.98	22.91	22.93	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	22.89	22.81	22.89	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.84	22.81	22.87	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.92	22.85	22.91	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.86	22.76	22.87	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.95	22.87	22.80	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.85	22.90	22.87	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.84	22.82	22.80	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.93	22.90	22.89	24.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.90	22.89	22.84	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.89	22.77	22.82	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.22			
100	PI/2 BPSK	1	137		25.89		27.0	0.0
100	PI/2 BPSK	1	271		26.02			
100	PI/2 BPSK	135	0		25.47		26.5	0.5
100	PI/2 BPSK	135	69		25.96		27.0	0.0
100	PI/2 BPSK	135	138		25.45		26.5	0.5
100	PI/2 BPSK	270	0		25.46			
100	QPSK	1	1		26.25			
100	QPSK	1	137		25.93		27.0	0.0
100	QPSK	1	271		26.03			
100	QPSK	135	0		25.03			
100	QPSK	135	69		25.92		27.0	0.0
100	QPSK	135	138		25.00			
100	QPSK	270	0		24.98		26.0	1.0
100	16QAM	1	1		25.14		26.0	1.0
100	64QAM	1	1		23.70		24.5	2.5
100	256QAM	1	1		21.68		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.13	26.12	26.19	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.18	26.12	26.11	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.24	26.14	26.13	27.0	0.0
Channel				632002	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.11	26.17	26.18	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.19	26.12	26.21	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.22	26.15	26.17	27.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.22	26.15	26.18	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	26.18	26.14	26.10	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.12	26.14	26.16	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.19	26.22	26.15	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.19	26.12	26.20	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.10			
100	PI/2 BPSK	1	137		25.86		27.0	0.0
100	PI/2 BPSK	1	271		25.97			
100	PI/2 BPSK	135	0		25.40		26.5	0.5
100	PI/2 BPSK	135	69		25.87		27.0	0.0
100	PI/2 BPSK	135	138		25.39		26.5	0.5
100	PI/2 BPSK	270	0		25.36			
100	QPSK	1	1		26.13			
100	QPSK	1	137		25.83		27.0	0.0
100	QPSK	1	271		26.01			
100	QPSK	135	0		25.05			
100	QPSK	135	69		25.83		27.0	0.0
100	QPSK	135	138		25.00			
100	QPSK	270	0		24.93		26.0	1.0
100	16QAM	1	1		25.12		26.0	1.0
100	64QAM	1	1		23.68		24.5	2.5
100	256QAM	1	1		21.62		22.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.99	26.08	26.07	27.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	26.10	26.08	26.01	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.07	26.07	26.07	27.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	25.99	26.01	26.05	27.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	26.09	26.12	25.98	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.05	26.12	26.01	27.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	26.10	26.09	26.10	27.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.05	26.03	25.99	27.0	0.0
Channel				647154	650000	652846	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	26.00	26.05	25.99	27.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	26.09	25.98	26.02	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.08	26.01	26.11	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.40			
100	PI/2 BPSK	1	137		22.34		24.0	0.0
100	PI/2 BPSK	1	271		22.39			
100	PI/2 BPSK	135	0		22.36		24.0	0.0
100	PI/2 BPSK	135	69		22.44		24.0	0.0
100	PI/2 BPSK	135	138		22.44		24.0	0.0
100	PI/2 BPSK	270	0		22.44			
100	QPSK	1	1		22.40			
100	QPSK	1	137		22.39		24.0	0.0
100	QPSK	1	271		22.38			
100	QPSK	135	0		22.30			
100	QPSK	135	69		22.40		24.0	0.0
100	QPSK	135	138		22.34			
100	QPSK	270	0		22.42		24.0	0.0
100	16QAM	1	1		22.39		24.0	0.0
100	64QAM	1	1		22.44		24.0	0.0
100	256QAM	1	1		21.15		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.32	22.43	22.33	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.23	22.41	22.21	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.29	22.41	22.32	24.0	0.0
Channel				632002	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.23	22.28	22.31	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.17	22.41	22.28	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.25	22.30	22.23	24.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.25	22.36	22.25	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.22	22.38	22.19	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.18	22.34	22.27	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.20	22.33	22.21	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.19	22.31	22.18	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.45			
100	PI/2 BPSK	1	137		22.55		24.0	0.0
100	PI/2 BPSK	1	271		22.57			
100	PI/2 BPSK	135	0		22.44		24.0	0.0
100	PI/2 BPSK	135	69		22.43		24.0	0.0
100	PI/2 BPSK	135	138		22.49		24.0	0.0
100	PI/2 BPSK	270	0		22.43			
100	QPSK	1	1		22.58			
100	QPSK	1	137		22.54		24.0	0.0
100	QPSK	1	271		22.43			
100	QPSK	135	0		22.50			
100	QPSK	135	69		22.57		24.0	0.0
100	QPSK	135	138		22.45			
100	QPSK	270	0		22.54		24.0	0.0
100	16QAM	1	1		22.46		24.0	0.0
100	64QAM	1	1		22.43		24.0	0.0
100	256QAM	1	1		21.12		22.5	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.49	22.52	22.46	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	22.35	22.40	22.37	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.36	22.49	22.35	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.48	22.39	22.35	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.45	22.38	22.32	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.37	22.43	22.44	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.37	22.46	22.41	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.43	22.40	22.36	24.0	0.0
Channel				647154	650000	652846	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.44	22.50	22.36	24.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.45	22.40	22.41	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.45	22.47	22.42	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.52			
100	PI/2 BPSK	1	137		25.36		27.0	0.0
100	PI/2 BPSK	1	271		25.42			
100	PI/2 BPSK	135	0		24.83		26.5	0.5
100	PI/2 BPSK	135	69		25.32		27.0	0.0
100	PI/2 BPSK	135	138		24.97		26.5	0.5
100	PI/2 BPSK	270	0		24.79			
100	QPSK	1	1		25.54			
100	QPSK	1	137		25.20		27.0	0.0
100	QPSK	1	271		25.23			
100	QPSK	135	0		24.25			
100	QPSK	135	69		25.16		27.0	0.0
100	QPSK	135	138		24.07			
100	QPSK	270	0		24.22		26.0	1.0
100	16QAM	1	1		24.65		26.0	1.0
100	64QAM	1	1		23.10		24.5	2.5
100	256QAM	1	1		21.15		22.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3496	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.49	25.51	25.44	27.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.50	25.49	25.50	27.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.50	25.42	25.49	27.0	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.45	25.45	25.39	27.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.43	25.42	25.39	27.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.47	25.46	25.48	27.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.53	25.50	25.46	27.0	0.0
Channel				630634	633332	636032	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	25.48	25.47	25.50	27.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.42	25.41	25.41	27.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	25.51	25.43	25.43	27.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	25.39	25.42	25.52	27.0	0.0

Part27O(HPUE)_n78_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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.55			
100	PI/2 BPSK	1	137		25.36		27.0	0.0
100	PI/2 BPSK	1	271		25.39			
100	PI/2 BPSK	135	0		24.83		26.5	0.5
100	PI/2 BPSK	135	69		25.32		27.0	0.0
100	PI/2 BPSK	135	138		25.05		26.5	0.5
100	PI/2 BPSK	270	0		24.89			
100	QPSK	1	1		25.62			
100	QPSK	1	137		25.24		27.0	0.0
100	QPSK	1	271		25.28			
100	QPSK	135	0		24.34			
100	QPSK	135	69		25.21		27.0	0.0
100	QPSK	135	138		24.11			
100	QPSK	270	0		24.30		26.0	1.0
100	16QAM	1	1		24.68		26.0	1.0
100	64QAM	1	1		23.11		24.5	2.5
100	256QAM	1	1		21.12		22.5	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.57	25.54	25.52	27.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.51	25.48	25.50	27.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.57	25.60	25.51	27.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	25.59	25.52	25.48	27.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.54	25.54	25.47	27.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.57	25.61	25.47	27.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.49	25.55	25.61	27.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.61	25.60	25.48	27.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.48	25.58	25.61	27.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.47	25.60	25.52	27.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.54	25.55	25.55	27.0	0.0

Reduced Power Mode for Sensor On_Standalone

n2_Ant 0(DSI 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	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.95	21.91	21.97	23.0	0.0
40	PI/2 BPSK	1	108	22.04	22.02	21.88		
40	PI/2 BPSK	1	214	21.95	21.95	21.87		
40	PI/2 BPSK	108	0	21.98	21.90	21.97	23.0	0.0
40	PI/2 BPSK	108	54	22.00	22.00	21.95	23.0	0.0
40	PI/2 BPSK	108	108	21.94	21.99	21.99	23.0	0.0
40	PI/2 BPSK	216	0	22.00	21.96	21.88		
40	QPSK	1	1	22.03	22.08	22.01	23.0	0.0
40	QPSK	1	108	21.94	21.92	21.89		
40	QPSK	1	214	21.93	21.91	22.00		
40	QPSK	108	0	21.96	22.01	21.91	23.0	0.0
40	QPSK	108	54	22.02	22.05	21.92	23.0	0.0
40	QPSK	108	108	21.94	21.91	21.89	23.0	0.0
40	QPSK	216	0	21.91	21.99	21.95		
40	16QAM	1	1	22.07	21.90	21.93	23.0	0.0
40	64QAM	1	1	21.95	21.98	22.00	23.0	0.0
40	256QAM	1	1	21.48	21.52	21.39	22.5	0.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.07	21.99	21.96	23.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.07	21.93	21.88	23.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.04	21.89	21.86	23.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.08	21.91	21.92	23.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.02	21.97	21.94	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.01	21.99	21.97	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	21.98	22.02	21.92	23.0	0.0

n2_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.19	22.25	22.11	24.0	0.0
40	PI/2 BPSK	1	108	22.16	22.26	22.11		
40	PI/2 BPSK	1	214	22.01	22.05	22.07		
40	PI/2 BPSK	108	0	21.58	21.58	21.52	23.5	0.5
40	PI/2 BPSK	108	54	22.08	22.03	22.00	24.0	0.0
40	PI/2 BPSK	108	108	21.55	21.57	21.56	23.5	0.5
40	PI/2 BPSK	216	0	21.53	21.59	21.51		
40	QPSK	1	1	22.52	22.63	22.53	24.0	0.0
40	QPSK	1	108	22.13	22.16	22.04		
40	QPSK	1	214	22.28	22.34	22.30		
40	QPSK	108	0	21.04	21.05	21.09	23.0	1.0
40	QPSK	108	54	22.18	22.33	22.24	24.0	0.0
40	QPSK	108	108	21.06	21.11	21.07	23.0	1.0
40	QPSK	216	0	21.18	21.25	21.19		
40	16QAM	1	1	21.69	21.71	21.69	23.0	1.0
40	64QAM	1	1	19.56	19.54	19.59	21.5	2.5
40	256QAM	1	1	17.50	17.63	17.52	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.50	22.49	22.45	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.47	22.55	22.42	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.46	22.48	22.38	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.39	22.50	22.45	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.37	22.62	22.45	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.38	22.58	22.44	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	22.45	22.56	22.39	24.0	0.0

n5_Ant 0(DSI 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	23.45	23.53	23.52	24.0	0.0
20	PI/2 BPSK	1	53	23.55	23.59	23.49		
20	PI/2 BPSK	1	104	23.48	23.51	23.43		
20	PI/2 BPSK	50	0	23.34	23.49	23.36	24.0	0.0
20	PI/2 BPSK	50	28	23.39	23.54	23.51	24.0	0.0
20	PI/2 BPSK	50	56	23.39	23.51	23.40	24.0	0.0
20	PI/2 BPSK	100	0	23.45	23.55	23.41		
20	QPSK	1	1	23.59	23.62	23.53	24.0	0.0
20	QPSK	1	53	23.39	23.52	23.41		
20	QPSK	1	104	23.48	23.55	23.49		
20	QPSK	50	0	23.40	23.51	23.41	24.0	0.0
20	QPSK	50	28	23.58	23.60	23.45	24.0	0.0
20	QPSK	50	56	23.36	23.48	23.41	24.0	0.0
20	QPSK	100	0	23.50	23.57	23.50		
20	16QAM	1	1	23.43	23.51	23.48	24.0	0.0
20	64QAM	1	1	22.65	23.05	23.04	24.0	0.0
20	256QAM	1	1	21.79	21.92	21.91	22.5	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.55	23.53	23.52	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.46	23.49	23.46	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	1	23.45	23.53	23.48	24.0	0.0

n5_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.66	22.69	22.63	24.0	0.0
20	PI/2 BPSK	1	53	22.56	22.62	22.50		
20	PI/2 BPSK	1	104	22.55	22.64	22.57		
20	PI/2 BPSK	50	0	22.52	22.06	22.03	23.5	0.5
20	PI/2 BPSK	50	28	22.54	22.65	22.63	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.06	22.00	23.5	0.5
20	PI/2 BPSK	100	0	21.85	21.95	21.85		
20	QPSK	1	1	22.67	22.75	22.74	24.0	0.0
20	QPSK	1	53	22.64	22.65	22.62		
20	QPSK	1	104	22.50	22.63	22.55		
20	QPSK	50	0	21.50	21.51	21.45	23.0	1.0
20	QPSK	50	28	22.48	22.56	22.47	24.0	0.0
20	QPSK	50	56	21.46	21.52	21.46	23.0	1.0
20	QPSK	100	0	21.45	21.46	21.40		
20	16QAM	1	1	21.53	21.59	21.53	23.0	1.0
20	64QAM	1	1	20.05	20.12	20.07	21.5	2.5
20	256QAM	1	1	18.02	18.14	18.11	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	1	22.66	22.73	22.64	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.59	22.64	22.73	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	1	22.65	22.71	22.71	24.0	0.0

n7_Ant 0(DSI 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	23.06	23.09	23.07	24.0	0.0
40	PI/2 BPSK	1	108	23.09	23.12	22.99		
40	PI/2 BPSK	1	214	23.02	23.12	23.11		
40	PI/2 BPSK	108	0	23.07	23.08	22.99	24.0	0.0
40	PI/2 BPSK	108	54	23.10	23.15	23.05	24.0	0.0
40	PI/2 BPSK	108	108	23.13	23.14	23.13	24.0	0.0
40	PI/2 BPSK	216	0	23.07	23.14	23.03		
40	QPSK	1	1	23.06	23.17	23.13	24.0	0.0
40	QPSK	1	108	22.99	23.12	23.11		
40	QPSK	1	214	22.95	23.08	22.95		
40	QPSK	108	0	23.02	23.08	23.03	24.0	0.0
40	QPSK	108	54	23.05	23.11	23.07	24.0	0.0
40	QPSK	108	108	22.99	23.08	23.07	24.0	0.0
40	QPSK	216	0	23.06	23.09	23.02		
40	16QAM	1	1	23.01	23.13	23.01	24.0	0.0
40	64QAM	1	1	23.04	23.10	23.03	24.0	0.0
40	256QAM	1	1	21.80	21.86	21.84	22.5	1.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.99	23.08	23.07	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.90	23.10	22.99	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	23.01	23.10	23.08	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.90	23.10	23.02	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	22.94	23.14	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.95	23.07	23.02	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	23.00	23.09	23.01	24.0	0.0

n12_Ant 0(DSI 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	23.62	23.65	23.52	24.0	0.0
15	PI/2 BPSK	1	40	23.59	23.65	23.61		
15	PI/2 BPSK	1	77	23.46	23.61	23.57		
15	PI/2 BPSK	36	0	23.48	23.57	23.48	24.0	0.0
15	PI/2 BPSK	36	22	23.54	23.64	23.55	24.0	0.0
15	PI/2 BPSK	36	43	23.52	23.53	23.45	24.0	0.0
15	PI/2 BPSK	75	0	23.47	23.51	23.40		
15	QPSK	1	1	23.67	23.69	23.64	24.0	0.0
15	QPSK	1	40	23.59	23.63	23.56		
15	QPSK	1	77	23.59	23.62	23.60		
15	QPSK	36	0	23.49	23.51	23.40	24.0	0.0
15	QPSK	36	22	23.53	23.57	23.51	24.0	0.0
15	QPSK	36	43	23.52	23.55	23.44	24.0	0.0
15	QPSK	75	0	23.55	23.58	23.52		
15	16QAM	1	1	23.53	23.62	23.56	24.0	0.0
15	64QAM	1	1	23.36	23.51	23.43	24.0	0.0
	256QAM	1	1	22.00	22.12	22.09	22.5	1.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.53	23.64	23.51	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	23.52	23.61	23.51	24.0	0.0

n13_Ant 0(DSI 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		23.61		24.0	0.0
10	PI/2 BPSK	1	26		23.58			
10	PI/2 BPSK	1	50		23.61			
10	PI/2 BPSK	25	0		23.52		24.0	0.0
10	PI/2 BPSK	25	14		23.56		24.0	0.0
10	PI/2 BPSK	25	27		23.62		24.0	0.0
10	PI/2 BPSK	50	0		23.57			
10	QPSK	1	1		23.65		24.0	0.0
10	QPSK	1	26		23.51			
10	QPSK	1	50		23.54			
10	QPSK	25	0		23.45		24.0	0.0
10	QPSK	25	14		23.55		24.0	0.0
10	QPSK	25	27		23.42		24.0	0.0
10	QPSK	50	0		23.51			
10	16QAM	1	1		23.13		24.0	0.0
10	64QAM	1	1		21.84		23.0	1.0
10	256QAM	1	1		20.52		21.0	3.0
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	23.58	23.60	23.62	24.0	0.0

n14_Ant 4(DSI 3)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.65		24.0	0.0
10	PI/2 BPSK	1	26		23.57			
10	PI/2 BPSK	1	50		23.57			
10	PI/2 BPSK	25	0		23.58		24.0	0.0
10	PI/2 BPSK	25	14		23.54		24.0	0.0
10	PI/2 BPSK	25	27		22.48		24.0	0.0
10	PI/2 BPSK	50	0		23.53			
10	QPSK	1	1		23.67		24.0	0.0
10	QPSK	1	26		23.55			
10	QPSK	1	50		23.56			
10	QPSK	25	0		23.50		24.0	0.0
10	QPSK	25	14		23.61		24.0	0.0
10	QPSK	25	27		22.40		24.0	0.0
10	QPSK	50	0		23.57			
10	16QAM	1	1		23.10		24.0	0.0
10	64QAM	1	1		21.85		22.5	1.5
10	256QAM	1	1		20.46		20.5	3.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.59	23.65	23.55	24.0	0.0

n25_Ant 0(DSI 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	22.53	22.49	22.49	23.0	0.0
40	PI/2 BPSK	1	108	22.49	22.58	22.45		
40	PI/2 BPSK	1	214	22.46	22.49	22.42		
40	PI/2 BPSK	108	0	22.53	22.58	22.43	23.0	0.0
40	PI/2 BPSK	108	54	22.47	22.56	22.42	23.0	0.0
40	PI/2 BPSK	108	108	22.53	22.58	22.45	23.0	0.0
40	PI/2 BPSK	216	0	22.53	22.48	22.39		
40	QPSK	1	1	22.53	22.59	22.45	23.0	0.0
40	QPSK	1	108	22.48	22.55	22.44		
40	QPSK	1	214	22.49	22.54	22.37		
40	QPSK	108	0	22.46	22.56	22.46	23.0	0.0
40	QPSK	108	54	22.49	22.57	22.51	23.0	0.0
40	QPSK	108	108	22.46	22.53	22.49	23.0	0.0
40	QPSK	216	0	22.57	22.58	22.46		
40	16QAM	1	1	22.50	22.47	22.38	23.0	0.0
40	64QAM	1	1	22.50	22.52	22.48	23.0	0.0
40	256QAM	1	1	22.00	22.10	22.05	22.5	0.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.47	22.54	22.46	23.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.44	22.47	22.50	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	22.53	22.54	22.45	23.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.54	22.52	22.37	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	22.50	22.57	22.43	23.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.47	22.52	22.49	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	22.53	22.52	22.49	23.0	0.0

n26(FCC)_Ant 0(DSI 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	23.43	23.56	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.53	23.58	23.47		
20	PI/2 BPSK	1	104	23.49	23.54	23.52		
20	PI/2 BPSK	50	0	23.44	23.53	23.50	24.0	0.0
20	PI/2 BPSK	50	28	23.52	23.57	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.47	23.51	23.45	24.0	0.0
20	PI/2 BPSK	100	0	23.56	23.59	23.51		
20	QPSK	1	1	23.56	23.62	23.53	24.0	0.0
20	QPSK	1	53	23.48	23.59	23.47		
20	QPSK	1	104	23.47	23.58	23.45		
20	QPSK	50	0	23.50	23.52	23.44	24.0	0.0
20	QPSK	50	28	23.51	23.59	23.46	24.0	0.0
20	QPSK	50	56	23.45	23.52	23.38	24.0	0.0
20	QPSK	100	0	23.49	23.57	23.52		
20	16QAM	1	1	23.46	23.51	23.40	24.0	0.0
20	64QAM	1	1	22.41	22.47	22.43	23.0	1.0
20	256QAM	1	1	21.39	21.53	21.40	22.0	2.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.51	23.59	23.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.55	23.47	23.51	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	23.49	23.48	23.44	24.0	0.0

n30_Ant 0(DSI 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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.18		24.0	0.0
10	PI/2 BPSK	1	26		23.21			
10	PI/2 BPSK	1	50		23.17			
10	PI/2 BPSK	25	0		23.18		24.0	0.0
10	PI/2 BPSK	25	14		23.15		24.0	0.0
10	PI/2 BPSK	25	27		23.18		24.0	0.0
10	PI/2 BPSK	50	0		23.19			
10	QPSK	1	1		23.24		24.0	0.0
10	QPSK	1	26		23.19			
10	QPSK	1	50		23.18			
10	QPSK	25	0		23.18		24.0	0.0
10	QPSK	25	14		23.22		24.0	0.0
10	QPSK	25	27		23.09		24.0	0.0
10	QPSK	50	0		23.16			
10	16QAM	1	1		23.16		24.0	0.0
10	64QAM	1	1		23.20		24.0	0.0
10	256QAM	1	1		21.75		22.5	1.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.13	23.20	23.12	24.0	0.0

n30_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.45		24.0	0.0
10	PI/2 BPSK	1	26		22.43			
10	PI/2 BPSK	1	50		22.42			
10	PI/2 BPSK	25	0		21.76		23.5	0.5
10	PI/2 BPSK	25	14		22.37		24.0	0.0
10	PI/2 BPSK	25	27		21.84		23.5	0.5
10	PI/2 BPSK	50	0		21.86			
10	QPSK	1	1		22.57		24.0	0.0
10	QPSK	1	26		22.44			
10	QPSK	1	50		22.46			
10	QPSK	25	0		21.36		23.0	1.0
10	QPSK	25	14		22.52		24.0	0.0
10	QPSK	25	27		21.36		23.0	1.0
10	QPSK	50	0		21.35			
10	16QAM	1	1		21.33		23.0	1.0
10	64QAM	1	1		19.90		21.5	2.5
10	256QAM	1	1		18.06		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	22.48	22.43	22.56	24.0	0.0

n66_Ant 0(DSI 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	21.65	21.68	21.64	22.5	0.0
40	Pi/2 BPSK	1	108	21.70	21.75	21.63		
40	Pi/2 BPSK	1	214	21.61	21.73	21.75		
40	Pi/2 BPSK	108	0	21.73	21.68	21.68	22.5	0.0
40	Pi/2 BPSK	108	54	21.73	21.71	21.62	22.5	0.0
40	Pi/2 BPSK	108	108	21.67	21.70	21.61	22.5	0.0
40	Pi/2 BPSK	216	0	21.72	21.81	21.74		
40	QPSK	1	1	21.73	21.82	21.74	22.5	0.0
40	QPSK	1	108	21.72	21.77	21.70		
40	QPSK	1	214	21.69	21.70	21.69		
40	QPSK	108	0	21.64	21.71	21.65	22.5	0.0
40	QPSK	108	54	21.66	21.77	21.73	22.5	0.0
40	QPSK	108	108	21.60	21.75	21.72	22.5	0.0
40	QPSK	216	0	21.73	21.77	21.62		
40	16QAM	1	1	21.72	21.81	21.65	22.5	0.0
40	64QAM	1	1	21.60	21.76	21.68	22.5	0.0
40	256QAM	1	1	21.61	21.74	21.67	22.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.68	21.70	21.71	22.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.67	21.68	21.61	22.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.68	21.73	21.73	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.64	21.80	21.71	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.72	21.73	21.62	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.60	21.80	21.61	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.70	21.67	21.74	22.5	0.0

n66_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	22.35	22.40	22.35	24.0	0.0
40	Pi/2 BPSK	1	108	22.35	22.38	22.27		
40	Pi/2 BPSK	1	214	22.26	22.39	22.25		
40	Pi/2 BPSK	108	0	21.65	21.77	21.63	23.5	0.5
40	Pi/2 BPSK	108	54	22.31	22.34	22.33	24.0	0.0
40	Pi/2 BPSK	108	108	21.67	21.78	21.63	23.5	0.5
40	Pi/2 BPSK	216	0	21.71	21.79	21.67		
40	QPSK	1	1	23.01	23.07	23.01	24.0	0.0
40	QPSK	1	108	22.78	22.86	22.81		
40	QPSK	1	214	22.60	22.64	22.55		
40	QPSK	108	0	21.18	21.30	21.24	23.0	1.0
40	QPSK	108	54	22.71	22.83	22.76	24.0	0.0
40	QPSK	108	108	21.31	21.43	21.40	23.0	1.0
40	QPSK	216	0	21.26	21.32	21.31		
40	16QAM	1	1	21.79	21.83	21.77	23.0	1.0
40	64QAM	1	1	20.26	20.32	20.26	21.5	2.5
40	256QAM	1	1	17.73	17.83	17.70	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.90	23.02	22.95	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.92	22.93	22.99	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.87	22.98	22.92	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.90	23.06	22.86	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	22.91	23.00	22.97	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.89	22.98	22.98	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	22.87	22.95	22.95	24.0	0.0

n71_Ant 0(DSI 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	23.59	23.67	23.57	24.0	0.0
20	Pi/2 BPSK	1	53	23.42	23.56	23.52		
20	Pi/2 BPSK	1	104	23.46	23.50	23.47		
20	Pi/2 BPSK	50	0	23.59	23.66	23.59	24.0	0.0
20	Pi/2 BPSK	50	28	23.60	23.64	23.61	24.0	0.0
20	Pi/2 BPSK	50	56	23.51	23.52	23.37	24.0	0.0
20	Pi/2 BPSK	100	0	23.48	23.63	23.62		
20	QPSK	1	1	23.75	23.76	23.72	24.0	0.0
20	QPSK	1	53	23.46	23.60	23.52		
20	QPSK	1	104	23.36	23.50	23.39		
20	QPSK	50	0	23.54	23.59	23.49	24.0	0.0
20	QPSK	50	28	23.57	23.68	23.55	24.0	0.0
20	QPSK	50	56	23.47	23.53	23.38	24.0	0.0
20	QPSK	100	0	23.52	23.66	23.59		
20	16QAM	1	1	23.62	23.68	23.66	24.0	0.0
20	64QAM	1	1	23.64	23.71	23.58	24.0	0.0
20	256QAM	1	1	22.06	22.18	22.15	22.5	1.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.66	23.63	23.64	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.70	23.66	23.65	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	23.64	23.63	23.59	24.0	0.0

n38_Ant 0(DSI 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	23.51	23.53	23.40	24.0	0.0
40	PI/2 BPSK	1	53	23.41	23.48	23.37		
40	PI/2 BPSK	1	104	23.37	23.52	23.47		
40	PI/2 BPSK	50	0	23.45	23.56	23.50	24.0	0.0
40	PI/2 BPSK	50	28	23.56	23.57	23.52	24.0	0.0
40	PI/2 BPSK	50	56	23.32	23.43	23.36	24.0	0.0
40	PI/2 BPSK	100	0	23.40	23.55	23.46		
40	QPSK	1	1	23.37	23.58	23.37	24.0	0.0
40	QPSK	1	53	23.26	23.41	23.37		
40	QPSK	1	104	23.26	23.30	23.21		
40	QPSK	50	0	23.45	23.50	23.48	24.0	0.0
40	QPSK	50	28	23.30	23.54	23.51		
40	QPSK	50	56	23.30	23.43	23.41		
40	QPSK	100	0	23.39	23.52	23.45	24.0	0.0
40	16QAM	1	1	23.38	23.52	23.46	24.0	0.0
40	64QAM	1	1	23.43	23.45	23.41	24.0	0.0
40	256QAM	1	1	22.02	22.15	22.14	22.5	1.5
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.56	23.56	23.48	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.47	23.46	23.49	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.51	23.49	23.46	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	23.50	23.47	23.45	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	23.43	23.49	23.42	24.0	0.0
Channel				514500	519000	523500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	1	23.56	23.56	23.42	24.0	0.0

n38_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.93	19.95	19.76	21.5	0.0
40	PI/2 BPSK	1	53	19.84	19.95	19.80		
40	PI/2 BPSK	1	104	19.93	19.95	19.78		
40	PI/2 BPSK	50	0	19.88	19.96	19.77	21.5	0.0
40	PI/2 BPSK	50	28	19.82	19.93	19.87	21.5	0.0
40	PI/2 BPSK	50	56	19.82	19.94	19.84	21.5	0.0
40	PI/2 BPSK	100	0	19.80	19.86	19.85		
40	QPSK	1	1	19.93	19.99	19.83	21.5	0.0
40	QPSK	1	53	19.81	19.98	19.82		
40	QPSK	1	104	19.92	19.95	19.78		
40	QPSK	50	0	19.82	19.85	19.88	21.5	0.0
40	QPSK	50	28	19.80	19.91	19.85		
40	QPSK	50	56	19.88	19.90	19.77		
40	QPSK	100	0	19.87	19.88	19.79	21.5	0.0
40	16QAM	1	1	19.85	19.90	19.76	21.5	0.0
40	64QAM	1	1	19.66	19.73	19.66	21.5	0.0
40	256QAM	1	1	17.83	17.84	17.77	19.5	2.0
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.88	19.98	19.88	21.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.81	19.98	19.76	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.81	19.87	19.77	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.94	19.91	19.86	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.86	19.86	19.81	21.5	0.0
Channel				514500	519000	523500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	1	19.90	19.85	19.80	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.28	23.40	23.27	24.0	0.0
100	PI/2 BPSK	1	137	23.09	23.13	23.08		
100	PI/2 BPSK	1	271	23.18	23.32	23.24		
100	PI/2 BPSK	135	0	23.20	23.25	23.16	24.0	0.0
100	PI/2 BPSK	135	69	23.07	23.17	23.04	24.0	0.0
100	PI/2 BPSK	135	138	23.21	23.23	23.14	24.0	0.0
100	PI/2 BPSK	270	0	23.22	23.25	23.20		
100	QPSK	1	1	23.53	23.62	23.59	24.0	0.0
100	QPSK	1	137	23.03	23.11	23.07		
100	QPSK	1	271	23.33	23.34	23.32		
100	QPSK	135	0	23.19	23.26	23.11	24.0	0.0
100	QPSK	135	69	23.24	23.27	23.16		
100	QPSK	135	138	23.18	23.22	23.08		
100	QPSK	270	0	23.19	23.20	23.15	24.0	0.0
100	16QAM	1	1	23.29	23.36	23.31	24.0	0.0
100	64QAM	1	1	23.31	23.38	23.25	24.0	0.0
100	256QAM	1	1	21.89	21.95	21.91	22.5	1.5
Channel				508202	518598	528995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.45	23.58	23.46	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	23.40	23.48	23.48	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	23.41	23.48	23.51	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	23.40	23.51	23.48	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	23.46	23.48	23.44	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	23.50	23.49	23.47	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	23.45	23.60	23.48	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.52	23.48	23.54	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	23.51	23.58	23.54	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	23.42	23.61	23.50	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	23.52	23.47	23.53	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.97	20.00	19.85	21.5	0.0
100	PI/2 BPSK	1	137	19.92	20.05	19.94		
100	PI/2 BPSK	1	271	19.92	20.09	19.86		
100	PI/2 BPSK	135	0	19.89	20.01	19.94	21.5	0.0
100	PI/2 BPSK	135	69	19.87	20.07	19.88	21.5	0.0
100	PI/2 BPSK	135	138	20.00	20.08	19.88	21.5	0.0
100	PI/2 BPSK	270	0	19.87	20.00	19.93		
100	QPSK	1	1	20.00	20.19	19.94	21.5	0.0
100	QPSK	1	137	19.95	20.10	19.91		
100	QPSK	1	271	19.92	20.05	19.93		
100	QPSK	135	0	19.92	20.08	19.81	21.5	0.0
100	QPSK	135	69	19.93	20.12	19.94		
100	QPSK	135	138	19.90	20.08	19.93		
100	QPSK	270	0	19.94	20.09	19.94	21.5	0.0
100	16QAM	1	1	19.96	20.12	19.88	21.5	0.0
100	64QAM	1	1	19.91	20.11	19.90	21.5	0.0
100	256QAM	1	1	19.99	20.07	19.85	21.5	0.0
Channel				508202	518598	528995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.94	20.04	19.84	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.97	20.05	19.81	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.92	20.06	19.88	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.94	20.02	19.85	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.90	20.00	19.85	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	19.89	20.08	19.88	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.98	20.10	19.85	21.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.93	20.10	19.85	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.99	20.13	19.89	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.96	20.13	19.91	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.00	20.08	19.83	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.14	19.34	19.32	20.0	0.0
40	PI/2 BPSK	1	53	19.24	19.32	19.23		
40	PI/2 BPSK	1	104	19.24	19.29	19.27		
40	PI/2 BPSK	50	0	19.13	19.36	19.23	20.0	0.0
40	PI/2 BPSK	50	28	19.19	19.25	19.24	20.0	0.0
40	PI/2 BPSK	50	56	19.16	19.37	19.36	20.0	0.0
40	PI/2 BPSK	100	0	19.22	19.26	19.30		
40	QPSK	1	1	19.17	19.38	19.39	20.0	0.0
40	QPSK	1	53	19.15	19.27	19.26		
40	QPSK	1	104	19.16	19.36	19.35		
40	QPSK	50	0	19.11	19.33	19.33	20.0	0.0
40	QPSK	50	28	19.22	19.38	19.34		
40	QPSK	50	56	19.14	19.37	19.28		
40	QPSK	100	0	19.12	19.34	19.33	20.0	0.0
40	16QAM	1	1	19.11	19.31	19.34	20.0	0.0
40	64QAM	1	1	19.19	19.34	19.23	20.0	0.0
40	256QAM	1	1	19.16	19.25	19.34	20.0	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.13	19.35	19.29	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.14	19.34	19.32	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.19	19.27	19.28	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.13	19.31	19.22	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.64	21.69	21.62	23.0	0.0
40	PI/2 BPSK	1	53	21.60	21.66	21.63		
40	PI/2 BPSK	1	104	21.65	21.71	21.65		
40	PI/2 BPSK	50	0	21.09	21.17	21.62	22.5	0.5
40	PI/2 BPSK	50	28	21.66	21.73	21.59	23.0	0.0
40	PI/2 BPSK	50	56	21.07	21.18	21.66		
40	PI/2 BPSK	100	0	21.24	21.26	21.16	22.5	0.5
40	QPSK	1	1	21.71	21.75	21.72	23.0	0.0
40	QPSK	1	53	21.66	21.72	21.66		
40	QPSK	1	104	21.66	21.72	21.69		
40	QPSK	50	0	20.52	20.66	20.63		
40	QPSK	50	28	21.57	21.72	21.66		
40	QPSK	50	56	20.63	20.65	20.55		
40	QPSK	100	0	20.71	20.73	20.69	22.0	1.0
40	16QAM	1	1	20.44	20.59	20.53	22.0	1.0
40	64QAM	1	1	19.01	19.10	18.99	20.5	2.5
40	256QAM	1	1	17.05	17.11	16.99	18.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.60	21.74	21.63	23.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.63	21.73	21.64	23.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.58	21.72	21.70	23.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.57	21.71	21.71	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.30		21.0	0.0
100	PI/2 BPSK	1	137		20.35			
100	PI/2 BPSK	1	271		20.28			
100	PI/2 BPSK	135	0		20.38		21.0	0.0
100	PI/2 BPSK	135	69		20.31		21.0	0.0
100	PI/2 BPSK	135	138		20.32		21.0	0.0
100	PI/2 BPSK	270	0		20.38			
100	QPSK	1	1		20.39		21.0	0.0
100	QPSK	1	137		20.30			
100	QPSK	1	271		20.28			
100	QPSK	135	0		20.31		21.0	0.0
100	QPSK	135	69		20.33			
100	QPSK	135	138		20.32			
100	QPSK	270	0		20.32		21.0	0.0
100	16QAM	1	1		20.36		21.0	0.0
100	64QAM	1	1		20.32		21.0	0.0
100	256QAM	1	1		20.38		19.5	1.5
Channel				633000	633332	633664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.29	20.33	20.22	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.22	20.33	20.22	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.34	20.22	20.16	21.0	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98		
60	QPSK	1	1	20.26	20.31	20.29	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.31	20.29	20.24	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.35	20.31	20.24	21.0	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.24	20.25	20.26	21.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.32	20.27	20.20	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.29	20.32	20.18	21.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.35	20.35	20.29	21.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.31	20.32	20.22	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.72	19.81	19.63	21.0	0.0
100	PI/2 BPSK	1	137	19.62	19.80	19.72		
100	PI/2 BPSK	1	271	19.71	19.69	19.69		
100	PI/2 BPSK	135	0	19.62	19.71	19.66	21.0	0.0
100	PI/2 BPSK	135	69	19.63	19.79	19.64	21.0	0.0
100	PI/2 BPSK	135	138	19.69	19.75	19.70	21.0	0.0
100	PI/2 BPSK	270	0	19.65	19.80	19.75		
100	QPSK	1	1	19.72	19.82	19.73	21.0	0.0
100	QPSK	1	137	19.65	19.69	19.68		
100	QPSK	1	271	19.71	19.71	19.70		
100	QPSK	135	0	19.67	19.74	19.66	21.0	0.0
100	QPSK	135	69	19.68	19.71	19.63		
100	QPSK	135	138	19.74	19.71	19.68		
100	QPSK	270	0	19.67	19.70	19.69	21.0	0.0
100	16QAM	1	1	19.65	19.75	19.67	21.0	0.0
100	64QAM	1	1	19.75	19.68	19.72	21.0	0.0
100	256QAM	1	1	19.63	19.79	19.71	19.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.70	19.73	19.73	21.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.74	19.78	19.63	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.75	19.78	19.68	21.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.74	19.77	19.73	21.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.64	19.70	19.65	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.74	19.81	19.73	21.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.64	19.68	19.69	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.73	19.68	19.74	21.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.75	19.70	19.67	21.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.67	19.72	19.68	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.68	19.80	19.69	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.30		21.0	0.0
100	PI/2 BPSK	1	137		20.35			
100	PI/2 BPSK	1	271		20.28			
100	PI/2 BPSK	135	0		20.38		21.0	0.0
100	PI/2 BPSK	135	69		20.31		21.0	0.0
100	PI/2 BPSK	135	138		20.30		21.0	0.0
100	PI/2 BPSK	270	0		20.38			
100	QPSK	1	1		20.39		21.0	0.0
100	QPSK	1	137		20.30			
100	QPSK	1	271		20.28			
100	QPSK	135	0		20.31		21.0	0.0
100	QPSK	135	69		20.33			
100	QPSK	135	138		20.32			
100	QPSK	270	0		20.32		21.0	0.0
100	16QAM	1	1		20.36		21.0	0.0
100	64QAM	1	1		20.32		21.0	0.0
100	256QAM	1	1		20.38		21.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.29	20.33	20.22	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.22	20.33	20.22	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.34	20.22	20.16	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.26	20.31	20.29	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3476.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.31	20.29	20.24	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.35	20.31	20.24	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.24	20.25	20.26	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.32	20.27	20.20	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.29	20.32	20.18	21.0	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.35	20.35	20.29	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.31	20.32	20.22	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.72	19.81	19.63	21.0	0.0
100	PI/2 BPSK	1	137	19.82	19.80	19.72		
100	PI/2 BPSK	1	271	19.71	19.69	19.69		
100	PI/2 BPSK	135	0	19.62	19.71	19.66	21.0	0.0
100	PI/2 BPSK	135	69	19.63	19.79	19.64	21.0	0.0
100	PI/2 BPSK	135	138	19.69	19.75	19.70	21.0	0.0
100	PI/2 BPSK	270	0	19.65	19.80	19.75		
100	QPSK	1	1	19.72	19.82	19.73	21.0	0.0
100	QPSK	1	137	19.85	19.69	19.68		
100	QPSK	1	271	19.71	19.71	19.70		
100	QPSK	135	0	19.67	19.74	19.66	21.0	0.0
100	QPSK	135	69	19.69	19.71	19.63		
100	QPSK	135	138	19.74	19.71	19.68		
100	QPSK	270	0	19.67	19.70	19.69	21.0	0.0
100	16QAM	1	1	19.85	19.75	19.67	21.0	0.0
100	64QAM	1	1	19.75	19.68	19.72	21.0	0.0
100	256QAM	1	1	19.83	19.79	19.71	21.0	0.0
Channel				649664	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	19.70	19.73	19.73	21.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	19.74	19.78	19.63	21.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.75	19.78	19.68	21.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	19.74	19.77	19.73	21.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	19.64	19.70	19.65	21.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.74	19.81	19.73	21.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	19.64	19.68	19.69	21.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	19.73	19.68	19.74	21.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	19.75	19.70	19.67	21.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	19.67	19.72	19.66	21.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	19.68	19.80	19.69	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.57		23.0	0.0
100	PI/2 BPSK	1	137		22.46			
100	PI/2 BPSK	1	271		22.46			
100	PI/2 BPSK	135	0		22.48		23.0	0.0
100	PI/2 BPSK	135	69		22.58		23.0	0.0
100	PI/2 BPSK	135	138		22.49		23.0	0.0
100	PI/2 BPSK	270	0		22.58			
100	QPSK	1	1		22.60		23.0	0.0
100	QPSK	1	137		22.57			
100	QPSK	1	271		22.57			
100	QPSK	135	0		22.50		23.0	0.0
100	QPSK	135	69		22.58			
100	QPSK	135	138		22.46			
100	QPSK	270	0		22.56		23.0	0.0
100	16QAM	1	1		22.58		23.0	0.0
100	64QAM	1	1		22.52		23.0	0.0
100	256QAM	1	1		20.95		22.5	0.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.48	22.47	22.45	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.42	22.37	22.41	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.35	22.46	22.39	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.46	22.41	22.33	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3476.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.44	22.39	22.38	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.39	22.35	22.30	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.45	22.37	22.33	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.35	22.45	22.39	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.36	22.40	22.43	23.0	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.42	22.39	22.37	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.40	22.40	22.44	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.95	21.98	21.84	23.0	0.0
100	PI/2 BPSK	1	137	21.88	22.07	21.84		
100	PI/2 BPSK	1	271	21.90	22.06	21.87		
100	PI/2 BPSK	135	0	21.89	21.93	21.86	23.0	0.0
100	PI/2 BPSK	135	69	21.91	22.07	21.87	23.0	0.0
100	PI/2 BPSK	135	138	21.85	21.94	21.82	23.0	0.0
100	PI/2 BPSK	270	0	21.96	21.97	21.91		
100	QPSK	1	1	21.88	22.08	21.84	23.0	0.0
100	QPSK	1	137	21.88	22.05	21.90		
100	QPSK	1	271	21.97	22.05	21.91		
100	QPSK	135	0	21.87	22.03	21.88	23.0	0.0
100	QPSK	135	69	21.98	22.01	21.84		
100	QPSK	135	138	21.96	22.01	21.94		
100	QPSK	270	0	21.90	22.00	21.90	23.0	0.0
100	16QAM	1	1	21.98	22.01	21.92	23.0	0.0
100	64QAM	1	1	21.91	21.93	21.90	23.0	0.0
100	256QAM	1	1	21.32	21.35	21.24	22.5	0.5
Channel				649664	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.95	21.99	21.81	23.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.92	22.00	21.80	23.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.89	21.94	21.82	23.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.97	22.03	21.90	23.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.98	22.02	21.89	23.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.85	21.99	21.83	23.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.93	21.98	21.91	23.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.85	21.95	21.93	23.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.90	21.98	21.91	23.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.85	21.99	21.90	23.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.85	21.99	21.94	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.13		23.0	0.0
100	PI/2 BPSK	1	137		22.12			
100	PI/2 BPSK	1	271		22.02			
100	PI/2 BPSK	135	0		22.12		23.0	0.0
100	PI/2 BPSK	135	69		22.08		23.0	0.0
100	PI/2 BPSK	135	138		22.13		23.0	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.18		23.0	0.0
100	QPSK	1	137		22.12			
100	QPSK	1	271		22.12			
100	QPSK	135	0		22.05		23.0	0.0
100	QPSK	135	69		22.16			
100	QPSK	135	138		22.13			
100	QPSK	270	0		22.15		23.0	0.0
100	16QAM	1	1		22.01		23.0	0.0
100	64QAM	1	1		22.12		23.0	0.0
100	256QAM	1	1		21.45		22.5	0.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.00	22.12	22.03	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.94	22.07	21.98	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.94	22.08	22.03	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.94	22.02	22.04	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.96	22.09	21.99	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.99	22.01	22.03	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.88	22.04	22.09	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.91	22.02	22.07	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.98	22.12	22.01	23.0	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.99	22.08	22.10	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.92	22.00	22.04	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	654000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.95	21.98	21.84	23.0	0.0
100	PI/2 BPSK	1	137	21.88	22.07	21.84		
100	PI/2 BPSK	1	271	21.90	22.06	21.87		
100	PI/2 BPSK	135	0	21.89	21.93	21.86	23.0	0.0
100	PI/2 BPSK	135	69	21.91	22.07	21.87	23.0	0.0
100	PI/2 BPSK	135	138	21.85	21.94	21.82	23.0	0.0
100	PI/2 BPSK	270	0	21.96	21.97	21.91		
100	QPSK	1	1	21.88	22.06	21.84	23.0	0.0
100	QPSK	1	137	21.88	22.05	21.90		
100	QPSK	1	271	21.97	22.05	21.91		
100	QPSK	135	0	21.87	22.03	21.86	23.0	0.0
100	QPSK	135	69	21.92	22.01	21.84		
100	QPSK	135	138	21.96	22.01	21.94		
100	QPSK	270	0	21.90	22.00	21.90	23.0	0.0
100	16QAM	1	1	21.98	22.01	21.92	23.0	0.0
100	64QAM	1	1	21.91	21.93	21.90	23.0	0.0
100	256QAM	1	1	21.32	21.35	21.24	22.5	0.5
Channel				649668	654000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.95	21.99	21.81	23.0	0.0
Channel				649334	654000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.92	22.00	21.80	23.0	0.0
Channel				649000	654000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.89	21.94	21.82	23.0	0.0
Channel				648668	654000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.97	22.03	21.90	23.0	0.0
Channel				648334	654000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.96	22.02	21.89	23.0	0.0
Channel				648000	654000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.85	21.99	21.83	23.0	0.0
Channel				647668	654000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.93	21.98	21.91	23.0	0.0
Channel				647500	654000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.85	21.95	21.93	23.0	0.0
Channel				647334	654000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.90	21.98	21.91	23.0	0.0
Channel				647168	654000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.85	21.99	21.90	23.0	0.0
Channel				647000	654000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.85	21.99	21.94	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.20		21.0	0.0
100	PI/2 BPSK	1	137		20.33			
100	PI/2 BPSK	1	271		20.26			
100	PI/2 BPSK	135	0		20.20		21.0	0.0
100	PI/2 BPSK	135	69		20.34		21.0	0.0
100	PI/2 BPSK	135	138		20.33		21.0	0.0
100	PI/2 BPSK	270	0		20.30			
100	QPSK	1	1		20.35		21.0	0.0
100	QPSK	1	137		20.29			
100	QPSK	1	271		20.25			
100	QPSK	135	0		20.21		21.0	0.0
100	QPSK	135	69		20.31			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.28		21.0	0.0
100	16QAM	1	1		20.28		21.0	0.0
100	64QAM	1	1		20.27		21.0	0.0
100	256QAM	1	1		20.22		21.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.24	20.15	20.15	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.15	20.14	20.18	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.23	20.12	20.10	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.14	20.13	20.06	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.14	20.15	20.19	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.20	20.21	20.20	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.16	20.14	20.08	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.27	20.10	20.09	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.26	20.10	20.09	21.0	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.18	20.08	20.14	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.14	20.10	20.07	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.16		21.0	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.15			
100	PI/2 BPSK	135	0		20.14		21.0	0.0
100	PI/2 BPSK	135	69		20.14		21.0	0.0
100	PI/2 BPSK	135	138		20.09		21.0	0.0
100	PI/2 BPSK	270	0		20.15			
100	QPSK	1	1		20.23		21.0	0.0
100	QPSK	1	137		20.08			
100	QPSK	1	271		20.08			
100	QPSK	135	0		20.16		21.0	0.0
100	QPSK	135	69		20.19			
100	QPSK	135	138		20.18			
100	QPSK	270	0		20.13		21.0	0.0
100	16QAM	1	1		20.08		21.0	0.0
100	64QAM	1	1		20.15		21.0	0.0
100	256QAM	1	1		20.08		21.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.98	20.04	20.14	21.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.99	20.11	20.04	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.95	20.03	20.16	21.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.94	20.06	20.15	21.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.96	20.10	20.09	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.04	20.05	20.10	21.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.03	20.08	20.06	21.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.06	20.08	20.15	21.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.97	20.15	20.14	21.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.02	20.03	20.14	21.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.00	20.04	20.04	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.20		21.0	0.0
100	PI/2 BPSK	1	137		20.33			
100	PI/2 BPSK	1	271		20.26			
100	PI/2 BPSK	135	0		20.20		21.0	0.0
100	PI/2 BPSK	135	69		20.34		21.0	0.0
100	PI/2 BPSK	135	138		20.33		21.0	0.0
100	PI/2 BPSK	270	0		20.30			
100	QPSK	1	1		20.35		21.0	0.0
100	QPSK	1	137		20.29			
100	QPSK	1	271		20.25			
100	QPSK	135	0		20.21		21.0	0.0
100	QPSK	135	69		20.31			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.28		21.0	0.0
100	16QAM	1	1		20.28		21.0	0.0
100	64QAM	1	1		20.27		21.0	0.0
100	256QAM	1	1		20.22		21.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.24	20.15	20.15	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.15	20.14	20.18	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.23	20.12	20.10	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.14	20.13	20.06	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.14	20.15	20.19	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.20	20.21	20.20	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.16	20.14	20.08	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.27	20.10	20.09	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.26	20.10	20.09	21.0	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.18	20.09	20.14	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.14	20.10	20.07	21.0	0.0

Part27O(HPUE)_n78_Ant 0(DSI 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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.16		21.0	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.15			
100	PI/2 BPSK	135	0		20.14		21.0	0.0
100	PI/2 BPSK	135	69		20.14		21.0	0.0
100	PI/2 BPSK	135	138		20.09		21.0	0.0
100	PI/2 BPSK	270	0		20.15			
100	QPSK	1	1		20.23		21.0	0.0
100	QPSK	1	137		20.08			
100	QPSK	1	271		20.08			
100	QPSK	135	0		20.16		21.0	0.0
100	QPSK	135	69		20.19			
100	QPSK	135	138		20.18			
100	QPSK	270	0		20.13		21.0	0.0
100	16QAM	1	1		20.08		21.0	0.0
100	64QAM	1	1		20.15		21.0	0.0
100	256QAM	1	1		20.08		21.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.98	20.04	20.14	21.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.99	20.11	20.04	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.95	20.03	20.16	21.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.94	20.06	20.15	21.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.96	20.10	20.09	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.04	20.05	20.10	21.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.03	20.08	20.06	21.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.06	20.08	20.15	21.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.97	20.15	20.14	21.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.02	20.03	20.14	21.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.00	20.04	20.04	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.40		24.0	0.0
100	PI/2 BPSK	1	137		22.34			
100	PI/2 BPSK	1	271		22.39			
100	PI/2 BPSK	135	0		22.36		24.0	0.0
100	PI/2 BPSK	135	69		22.44		24.0	0.0
100	PI/2 BPSK	135	138		22.44		24.0	0.0
100	PI/2 BPSK	270	0		22.44			
100	QPSK	1	1		22.45		24.0	0.0
100	QPSK	1	137		22.39			
100	QPSK	1	271		22.38			
100	QPSK	135	0		22.39		24.0	0.0
100	QPSK	135	69		22.40			
100	QPSK	135	138		22.34			
100	QPSK	270	0		22.42		24.0	0.0
100	16QAM	1	1		22.39		24.0	0.0
100	64QAM	1	1		22.44		24.0	0.0
100	256QAM	1	1		21.15		22.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.32	22.43	22.33	24.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.23	22.41	22.21	24.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.29	22.41	22.32	24.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.23	22.28	22.31	24.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.17	22.41	22.28	24.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.25	22.30	22.23	24.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.25	22.36	22.25	24.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.22	22.38	22.19	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.18	22.34	22.27	24.0	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.20	22.33	22.21	24.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.19	22.31	22.18	24.0	0.0

Part27O_n78_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.45		24.0	0.0
100	PI/2 BPSK	1	137		22.55			
100	PI/2 BPSK	1	271		22.57			
100	PI/2 BPSK	135	0		22.44		24.0	0.0
100	PI/2 BPSK	135	69		22.43		24.0	0.0
100	PI/2 BPSK	135	138		22.49		24.0	0.0
100	PI/2 BPSK	270	0		22.43			
100	QPSK	1	1		22.58		24.0	0.0
100	QPSK	1	137		22.54			
100	QPSK	1	271		22.43			
100	QPSK	135	0		22.50		24.0	0.0
100	QPSK	135	69		22.57			
100	QPSK	135	138		22.45			
100	QPSK	270	0		22.54		24.0	0.0
100	16QAM	1	1		22.46		24.0	0.0
100	64QAM	1	1		22.43		24.0	0.0
100	256QAM	1	1		21.12		22.5	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.49	22.52	22.46	24.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.35	22.40	22.37	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.36	22.49	22.35	24.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.48	22.39	22.35	24.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.45	22.38	22.32	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.37	22.43	22.44	24.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.37	22.46	22.41	24.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.43	22.40	22.36	24.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.44	22.50	22.36	24.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.45	22.40	22.41	24.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.45	22.47	22.42	24.0	0.0

Part27Q(HPUE)_n78_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.40		24.0	0.0
100	PI/2 BPSK	1	137		22.34			
100	PI/2 BPSK	1	271		22.39			
100	PI/2 BPSK	135	0		22.36		24.0	0.0
100	PI/2 BPSK	135	69		22.44		24.0	0.0
100	PI/2 BPSK	135	138		22.44		24.0	0.0
100	PI/2 BPSK	270	0		22.44			
100	QPSK	1	1		22.45		24.0	0.0
100	QPSK	1	137		22.39			
100	QPSK	1	271		22.38			
100	QPSK	135	0		22.30		24.0	0.0
100	QPSK	135	69		22.40			
100	QPSK	135	138		22.34			
100	QPSK	270	0		22.42		24.0	0.0
100	16QAM	1	1		22.39		24.0	0.0
100	64QAM	1	1		22.44		24.0	0.0
100	256QAM	1	1		21.15		22.5	1.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.32	22.43	22.33	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.23	22.41	22.21	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.29	22.41	22.32	24.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.23	22.28	22.31	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.17	22.41	22.28	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.25	22.30	22.23	24.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.25	22.36	22.25	24.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.22	22.38	22.19	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.18	22.34	22.27	24.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.42		
15	QPSK	1	1	22.20	22.33	22.21	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.19	22.31	22.18	24.0	0.0

Part27O(HPUE)_n78_Ant 1(DSI 5)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.45		24.0	0.0
100	PI/2 BPSK	1	137		22.55			
100	PI/2 BPSK	1	271		22.57			
100	PI/2 BPSK	135	0		22.44		24.0	0.0
100	PI/2 BPSK	135	69		22.43		24.0	0.0
100	PI/2 BPSK	135	138		22.49		24.0	0.0
100	PI/2 BPSK	270	0		22.43			
100	QPSK	1	1		22.58		24.0	0.0
100	QPSK	1	137		22.54			
100	QPSK	1	271		22.43			
100	QPSK	135	0		22.50		24.0	0.0
100	QPSK	135	69		22.57			
100	QPSK	135	138		22.45			
100	QPSK	270	0		22.54		24.0	0.0
100	16QAM	1	1		22.48		24.0	0.0
100	64QAM	1	1		22.43		24.0	0.0
100	256QAM	1	1		21.12		22.5	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.49	22.52	22.46	24.0	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	22.35	22.40	22.37	24.0	0.0
Channel				649002	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.36	22.49	22.35	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.48	22.39	22.35	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.45	22.38	22.32	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.37	22.43	22.44	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.37	22.46	22.41	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.43	22.40	22.36	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.44	22.50	22.36	24.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.45	22.40	22.41	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.45	22.47	22.42	24.0	0.0

Reduced Power Mode for Sensor On_Simultaneous

n2_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.95	21.91	21.97	23.0	0.0
40	PI/2 BPSK	1	108	22.04	22.02	21.88		
40	PI/2 BPSK	1	214	21.98	21.95	21.87		
40	PI/2 BPSK	108	0	21.98	21.90	21.97	23.0	0.0
40	PI/2 BPSK	108	54	22.00	22.00	21.95	23.0	0.0
40	PI/2 BPSK	108	108	21.94	21.99	21.99	23.0	0.0
40	PI/2 BPSK	216	0	22.00	21.96	21.88		
40	QPSK	1	1	22.03	22.06	22.01	23.0	0.0
40	QPSK	1	108	21.94	21.92	21.89		
40	QPSK	1	214	21.93	21.91	22.00		
40	QPSK	108	0	21.96	22.01	21.91	23.0	0.0
40	QPSK	108	54	22.02	22.05	21.92	23.0	0.0
40	QPSK	108	108	21.94	21.91	21.89	23.0	0.0
40	QPSK	216	0	21.91	21.99	21.95		
40	16QAM	1	1	22.07	21.90	21.93	23.0	0.0
40	64QAM	1	1	21.95	21.98	22.00	23.0	0.0
40	256QAM	1	1	21.48	21.52	21.39	22.5	0.5
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.07	21.99	21.96	23.0	0.0
Channel				372000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.07	21.93	21.88	23.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.04	21.89	21.86	23.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.06	21.91	21.92	23.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.02	21.97	21.94	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.01	21.99	21.97	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	21.98	22.02	21.92	23.0	0.0

n2_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	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	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.19	22.25	22.11	24.0	0.0
40	PI/2 BPSK	1	108	22.16	22.26	22.11		
40	PI/2 BPSK	1	214	22.01	22.05	22.07		
40	PI/2 BPSK	108	0	21.58	21.58	21.52	23.5	0.5
40	PI/2 BPSK	108	54	22.08	22.03	22.00	24.0	0.0
40	PI/2 BPSK	108	108	21.55	21.57	21.58	23.5	0.5
40	PI/2 BPSK	216	0	21.53	21.59	21.51		
40	QPSK	1	1	22.53	22.63	22.53	24.0	0.0
40	QPSK	1	108	22.13	22.16	22.04		
40	QPSK	1	214	22.28	22.34	22.30		
40	QPSK	108	0	21.04	21.05	21.09	23.0	1.0
40	QPSK	108	54	22.18	22.33	22.24	24.0	0.0
40	QPSK	108	108	21.06	21.11	21.07	23.0	1.0
40	QPSK	216	0	21.18	21.25	21.19		
40	16QAM	1	1	21.69	21.71	21.69	23.0	1.0
40	64QAM	1	1	19.56	19.54	19.59	21.5	2.5
40	256QAM	1	1	17.50	17.63	17.52	19.5	4.5
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.50	22.49	22.45	24.0	0.0
Channel				372000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.47	22.55	22.42	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.46	22.48	22.38	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.39	22.50	22.45	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.37	22.62	22.48	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.38	22.58	22.44	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	22.45	22.56	22.39	24.0	0.0

n5_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166850	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.45	23.53	23.52	24.0	0.0
20	PI/2 BPSK	1	53	23.55	23.59	23.49		
20	PI/2 BPSK	1	104	23.48	23.51	23.43		
20	PI/2 BPSK	50	0	23.34	23.49	23.36	24.0	0.0
20	PI/2 BPSK	50	28	23.39	23.54	23.51	24.0	0.0
20	PI/2 BPSK	50	56	23.39	23.51	23.40	24.0	0.0
20	PI/2 BPSK	100	0	23.45	23.55	23.41		
20	QPSK	1	1	23.59	23.62	23.53	24.0	0.0
20	QPSK	1	53	23.39	23.52	23.41		
20	QPSK	1	104	23.48	23.55	23.49		
20	QPSK	50	0	23.40	23.51	23.41	24.0	0.0
20	QPSK	50	28	23.58	23.60	23.45	24.0	0.0
20	QPSK	50	56	23.36	23.48	23.41	24.0	0.0
20	QPSK	100	0	23.50	23.57	23.55		
20	16QAM	1	1	23.43	23.51	23.48	24.0	0.0
20	64QAM	1	1	22.95	23.05	23.04	24.0	0.0
20	256QAM	1	1	21.79	21.92	21.91	22.5	1.5
Channel				166350	167300	168250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.55	23.53	23.52	24.0	0.0
Channel				166050	167300	168550	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.46	23.49	23.46	24.0	0.0
Channel				165750	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.45	23.53	23.48	24.0	0.0

n5_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166850	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.66	22.69	22.63	24.0	0.0
20	PI/2 BPSK	1	53	22.56	22.62	22.50		
20	PI/2 BPSK	1	104	22.55	22.64	22.57		
20	PI/2 BPSK	50	0	22.02	22.06	22.03	23.5	0.5
20	PI/2 BPSK	50	28	22.54	22.65	22.63	24.0	0.0
20	PI/2 BPSK	50	56	22.05	22.06	22.00	23.5	0.5
20	PI/2 BPSK	100	0	21.85	21.95	21.85		
20	QPSK	1	1	22.67	22.75	22.74	24.0	0.0
20	QPSK	1	53	22.64	22.65	22.62		
20	QPSK	1	104	22.50	22.63	22.55		
20	QPSK	50	0	21.50	21.51	21.45	23.0	1.0
20	QPSK	50	28	22.48	22.56	22.47	24.0	0.0
20	QPSK	50	56	21.46	21.52	21.46	23.0	1.0
20	QPSK	100	0	21.45	21.46	21.40		
20	16QAM	1	1	21.53	21.59	21.53	23.0	1.0
20	64QAM	1	1	20.05	20.12	20.07	21.5	2.5
20	256QAM	1	1	18.02	18.14	18.11	19.5	4.5
Channel				166350	167300	168250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.66	22.73	22.64	24.0	0.0
Channel				166050	167300	168550	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.59	22.64	22.73	24.0	0.0
Channel				165750	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.65	22.71	22.71	24.0	0.0

n7_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504002	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.06	23.09	23.07	24.0	0.0
40	PI/2 BPSK	1	108	23.09	23.12	22.99		
40	PI/2 BPSK	1	214	23.02	23.12	23.11		
40	PI/2 BPSK	108	0	23.07	23.08	22.99	24.0	0.0
40	PI/2 BPSK	108	54	23.10	23.15	23.05	24.0	0.0
40	PI/2 BPSK	108	108	23.13	23.14	23.13	24.0	0.0
40	PI/2 BPSK	216	0	23.07	23.14	23.03		
40	QPSK	1	1	23.05	23.17	23.13	24.0	0.0
40	QPSK	1	108	22.99	23.12	23.11		
40	QPSK	1	214	22.95	23.08	22.95		
40	QPSK	108	0	23.02	23.08	23.03	24.0	0.0
40	QPSK	108	54	23.05	23.11	23.07	24.0	0.0
40	QPSK	108	108	22.99	23.08	23.07	24.0	0.0
40	QPSK	216	0	23.06	23.09	23.02		
40	16QAM	1	1	23.01	23.13	23.01	24.0	0.0
40	64QAM	1	1	23.04	23.10	23.03	24.0	0.0
40	256QAM	1	1	21.80	21.86	21.84	22.5	1.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.99	23.08	23.07	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.90	23.10	22.99	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	23.01	23.10	23.08	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.90	23.10	23.02	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	22.94	23.14	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.95	23.07	23.02	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	23.00	23.09	23.01	24.0	0.0

n12_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	23.62	23.65	23.52	24.0	0.0
15	PI/2 BPSK	1	40	23.59	23.65	23.61		
15	PI/2 BPSK	1	77	23.46	23.61	23.57		
15	PI/2 BPSK	36	0	23.48	23.57	23.48	24.0	0.0
15	PI/2 BPSK	36	22	23.54	23.64	23.55	24.0	0.0
15	PI/2 BPSK	36	43	23.52	23.53	23.45	24.0	0.0
15	PI/2 BPSK	75	0	23.47	23.51	23.40		
15	QPSK	1	1	23.67	23.69	23.64	24.0	0.0
15	QPSK	1	40	23.59	23.63	23.56		
15	QPSK	1	77	23.59	23.62	23.60		
15	QPSK	36	0	23.49	23.51	23.40	24.0	0.0
15	QPSK	36	22	23.53	23.57	23.51	24.0	0.0
15	QPSK	36	43	23.52	23.55	23.44	24.0	0.0
15	QPSK	75	0	23.55	23.58	23.52		
15	16QAM	1	1	23.53	23.62	23.56	24.0	0.0
15	64QAM	1	1	23.36	23.51	23.43	24.0	0.0
	256QAM	1	1	22.00	22.12	22.09	22.5	1.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.53	23.64	23.51	24.0	0.0
Channel				140500	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.52	23.61	23.51	24.0	0.0

n13_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					154400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		23.61		24.0	0.0
10	PI/2 BPSK	1	26		23.58			
10	PI/2 BPSK	1	50		23.61			
10	PI/2 BPSK	25	0		23.52		24.0	0.0
10	PI/2 BPSK	25	14		23.56		24.0	0.0
10	PI/2 BPSK	25	27		23.62		24.0	0.0
10	PI/2 BPSK	50	0		23.57			
10	QPSK	1	1		23.65		24.0	0.0
10	QPSK	1	26		23.51			
10	QPSK	1	50		23.54			
10	QPSK	25	0		23.45		24.0	0.0
10	QPSK	25	14		23.55		24.0	0.0
10	QPSK	25	27		23.42		24.0	0.0
10	QPSK	50	0		23.51			
10	16QAM	1	1		23.13		24.0	0.0
10	64QAM	1	1		21.84		23.0	1.0
10	256QAM	1	1		20.52		21.0	3.0
Channel				153900	154400	154900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	23.58	23.60	23.62	24.0	0.0

n14_Ant 4(DSI 10/11/12)

BW [MHz]	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		23.65		24.0	0.0
10	PI/2 BPSK	1	26		23.57			
10	PI/2 BPSK	1	50		23.57			
10	PI/2 BPSK	25	0		23.58		24.0	0.0
10	PI/2 BPSK	25	14		23.54		24.0	0.0
10	PI/2 BPSK	25	27		22.48		24.0	0.0
10	PI/2 BPSK	50	0		23.53			
10	QPSK	1	1		23.67		24.0	0.0
10	QPSK	1	26		23.55			
10	QPSK	1	50		23.56			
10	QPSK	25	0		23.50		24.0	0.0
10	QPSK	25	14		23.61		24.0	0.0
10	QPSK	25	27		22.40		24.0	0.0
10	QPSK	50	0		23.57			
10	16QAM	1	1		23.10		24.0	0.0
10	64QAM	1	1		21.85		22.5	1.5
10	256QAM	1	1		20.46		20.5	3.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.59	23.65	23.55	24.0	0.0

n25_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	22.53	22.49	22.49	23.0	0.0
40	PI/2 BPSK	1	108	22.49	22.58	22.45		
40	PI/2 BPSK	1	214	22.46	22.49	22.42		
40	PI/2 BPSK	108	0	22.53	22.56	22.43	23.0	0.0
40	PI/2 BPSK	108	54	22.47	22.56	22.42	23.0	0.0
40	PI/2 BPSK	108	108	22.53	22.58	22.45	23.0	0.0
40	PI/2 BPSK	216	0	22.53	22.48	22.39		
40	QPSK	1	1	22.53	22.59	22.45	23.0	0.0
40	QPSK	1	108	22.48	22.55	22.44		
40	QPSK	1	214	22.49	22.54	22.37		
40	QPSK	108	0	22.46	22.56	22.46	23.0	0.0
40	QPSK	108	54	22.46	22.57	22.31	23.0	0.0
40	QPSK	108	108	22.46	22.53	22.49	23.0	0.0
40	QPSK	216	0	22.57	22.58	22.46		
40	16QAM	1	1	22.50	22.47	22.38	23.0	0.0
40	64QAM	1	1	22.50	22.52	22.48	23.0	0.0
40	256QAM	1	1	22.00	22.10	22.05	22.5	0.5
Channel				372500	375500	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.47	22.54	22.46	23.0	0.0
Channel				370000	375000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1905		
30	QPSK	1	1	22.44	22.47	22.50	23.0	0.0
Channel				370250	375250	380250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
25	QPSK	1	1	22.53	22.54	22.45	23.0	0.0
Channel				372000	375500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.54	22.52	22.37	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	22.50	22.57	22.43	23.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.47	22.52	22.49	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	22.53	22.52	22.49	23.0	0.0

n26(FCC)_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	166500	167850		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.43	23.56	23.54	24.0	0.0
20	PI/2 BPSK	1	53	23.53	23.58	23.47		
20	PI/2 BPSK	1	104	23.40	23.54	23.52		
20	PI/2 BPSK	50	0	23.44	23.53	23.39	24.0	0.0
20	PI/2 BPSK	50	28	23.52	23.57	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.47	23.51	23.45	24.0	0.0
20	PI/2 BPSK	100	0	23.56	23.59	23.51		
20	QPSK	1	1	23.58	23.62	23.53	24.0	0.0
20	QPSK	1	53	23.48	23.59	23.47		
20	QPSK	1	104	23.47	23.58	23.45		
20	QPSK	50	0	23.50	23.52	23.44	24.0	0.0
20	QPSK	50	28	23.31	23.59	23.46	24.0	0.0
20	QPSK	50	56	23.45	23.52	23.38	24.0	0.0
20	QPSK	100	0	23.49	23.57	23.52		
20	16QAM	1	1	23.46	23.51	23.40	24.0	0.0
20	64QAM	1	1	22.41	22.47	22.43	23.0	1.0
20	256QAM	1	1	21.39	21.53	21.40	22.0	2.0
Channel				154100	165750	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.51	23.59	23.50	24.0	0.0
Channel				153850	165750	169650	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.55	23.47	23.51	24.0	0.0
Channel				153300	165750	169350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.49	23.48	23.44	24.0	0.0

n30_Ant 0(DSI 6/8/9/12)

BW [MHz]	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		23.18		24.0	0.0
10	PI/2 BPSK	1	26		23.21			
10	PI/2 BPSK	1	50		23.17			
10	PI/2 BPSK	25	0		23.18		24.0	0.0
10	PI/2 BPSK	25	14		23.15		24.0	0.0
10	PI/2 BPSK	25	27		23.18		24.0	0.0
10	PI/2 BPSK	50	0		23.19			
10	QPSK	1	1		23.24		24.0	0.0
10	QPSK	1	26		23.19			
10	QPSK	1	50		23.18			
10	QPSK	25	0		23.18		24.0	0.0
10	QPSK	25	14		23.22		24.0	0.0
10	QPSK	25	27		23.09		24.0	0.0
10	QPSK	50	0		23.18			
10	16QAM	1	1		23.16		24.0	0.0
10	64QAM	1	1		23.20		24.0	0.0
10	256QAM	1	1		21.75		22.5	1.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.13	23.20	23.12	24.0	0.0

n30_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	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		22.45		24.0	0.0
10	PI/2 BPSK	1	26		22.43			
10	PI/2 BPSK	1	50		22.42			
10	PI/2 BPSK	25	0		21.76		23.5	0.5
10	PI/2 BPSK	25	14		22.37		24.0	0.0
10	PI/2 BPSK	25	27		21.84		23.5	0.5
10	PI/2 BPSK	50	0		21.88			
10	QPSK	1	1		22.57		24.0	0.0
10	QPSK	1	26		22.44			
10	QPSK	1	50		22.46			
10	QPSK	25	0		21.36		23.0	1.0
10	QPSK	25	14		22.52		24.0	0.0
10	QPSK	25	27		21.36		23.0	1.0
10	QPSK	50	0		21.35			
10	16QAM	1	1		21.33		23.0	1.0
10	64QAM	1	1		19.90		21.5	2.5
10	256QAM	1	1		18.06		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	22.48	22.43	22.56	24.0	0.0

n66_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.65	21.68	21.64	22.5	0.0
40	Pi/2 BPSK	1	108	21.70	21.75	21.63		
40	Pi/2 BPSK	1	214	21.61	21.73	21.75		
40	Pi/2 BPSK	108	0	21.73	21.68	21.68	22.5	0.0
40	Pi/2 BPSK	108	54	21.73	21.71	21.62	22.5	0.0
40	Pi/2 BPSK	108	108	21.67	21.70	21.61	22.5	0.0
40	Pi/2 BPSK	216	0	21.72	21.81	21.74		
40	QPSK	1	1	21.73	21.82	21.74	22.5	0.0
40	QPSK	1	108	21.72	21.77	21.70		
40	QPSK	1	214	21.69	21.70	21.69		
40	QPSK	108	0	21.64	21.71	21.65	22.5	0.0
40	QPSK	108	54	21.66	21.77	21.73	22.5	0.0
40	QPSK	108	108	21.60	21.75	21.72	22.5	0.0
40	QPSK	216	0	21.73	21.77	21.62		
40	16QAM	1	1	21.72	21.81	21.65	22.5	0.0
40	64QAM	1	1	21.60	21.76	21.68	22.5	0.0
40	256QAM	1	1	21.61	21.74	21.67	22.5	0.0
Channel				349500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.68	21.70	21.71	22.5	0.0
Channel				349000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.67	21.68	21.61	22.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.68	21.73	21.73	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.64	21.80	21.71	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.72	21.73	21.62	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.69	21.80	21.61	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.70	21.67	21.74	22.5	0.0

n66_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	22.35	22.40	22.35	24.0	0.0
40	Pi/2 BPSK	1	108	22.35	22.38	22.27		
40	Pi/2 BPSK	1	214	22.26	22.39	22.25		
40	Pi/2 BPSK	108	0	21.65	21.77	21.63	23.5	0.5
40	Pi/2 BPSK	108	54	22.31	22.34	22.33	24.0	0.0
40	Pi/2 BPSK	108	108	21.67	21.76	21.63	23.5	0.5
40	Pi/2 BPSK	216	0	21.71	21.79	21.67		
40	QPSK	1	1	23.01	23.07	23.01	24.0	0.0
40	QPSK	1	108	22.78	22.86	22.81		
40	QPSK	1	214	22.60	22.64	22.55		
40	QPSK	108	0	21.18	21.30	21.24	23.0	1.0
40	QPSK	108	54	22.71	22.83	22.76	24.0	0.0
40	QPSK	108	108	21.31	21.43	21.40	23.0	1.0
40	QPSK	216	0	21.26	21.32	21.31		
40	16QAM	1	1	21.79	21.83	21.77	23.0	1.0
40	64QAM	1	1	20.26	20.32	20.26	21.5	2.5
40	256QAM	1	1	17.73	17.83	17.70	19.5	4.5
Channel				349500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.90	23.02	22.95	24.0	0.0
Channel				349000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.92	22.93	22.99	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.87	22.98	22.92	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.90	23.06	22.86	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	22.91	23.00	22.97	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.89	22.98	22.98	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	22.87	22.95	22.95	24.0	0.0

n71_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	23.59	23.67	23.57	24.0	0.0
20	Pi/2 BPSK	1	53	23.42	23.56	23.52		
20	Pi/2 BPSK	1	104	23.46	23.50	23.47		
20	Pi/2 BPSK	50	0	23.59	23.66	23.59	24.0	0.0
20	Pi/2 BPSK	50	28	23.60	23.64	23.61	24.0	0.0
20	Pi/2 BPSK	50	56	23.51	23.52	23.37	24.0	0.0
20	Pi/2 BPSK	100	0	23.48	23.63	23.62		
20	QPSK	1	1	23.75	23.76	23.72	24.0	0.0
20	QPSK	1	53	23.46	23.60	23.52		
20	QPSK	1	104	23.38	23.50	23.39		
20	QPSK	50	0	23.54	23.59	23.49	24.0	0.0
20	QPSK	50	28	23.57	23.68	23.55	24.0	0.0
20	QPSK	50	56	23.47	23.53	23.38	24.0	0.0
20	QPSK	100	0	23.52	23.66	23.59		
20	16QAM	1	1	23.62	23.68	23.66	24.0	0.0
20	64QAM	1	1	23.64	23.71	23.56	24.0	0.0
20	256QAM	1	1	22.06	22.18	22.15	22.5	1.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.66	23.63	23.64	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.70	23.66	23.65	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	23.64	23.63	23.59	24.0	0.0

n38_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518024	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.51	23.53	23.40	24.0	0.0
40	PI/2 BPSK	1	53	23.41	23.46	23.37		
40	PI/2 BPSK	1	104	23.37	23.52	23.47		
40	PI/2 BPSK	50	0	23.45	23.56	23.50	24.0	0.0
40	PI/2 BPSK	50	28	23.56	23.57	23.52	24.0	0.0
40	PI/2 BPSK	50	56	23.32	23.43	23.36		
40	PI/2 BPSK	100	0	23.40	23.55	23.46	24.0	0.0
40	QPSK	1	1	23.57	23.58	23.57	24.0	0.0
40	QPSK	1	53	23.26	23.41	23.37		
40	QPSK	1	104	23.28	23.30	23.21		
40	QPSK	50	0	23.45	23.50	23.48	24.0	0.0
40	QPSK	50	28	23.55	23.54	23.51		
40	QPSK	50	56	23.30	23.43	23.41		
40	QPSK	100	0	23.39	23.52	23.45	24.0	0.0
40	16QAM	1	1	23.38	23.52	23.46	24.0	0.0
40	64QAM	1	1	23.43	23.45	23.41	24.0	0.0
40	256QAM	1	1	22.02	22.15	22.14	22.5	1.5
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.56	23.56	23.48	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.47	23.46	23.49	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.51	23.49	23.46	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	23.50	23.47	23.45	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	23.43	23.49	23.42	24.0	0.0
Channel				514500	519000	523500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	1	23.56	23.56	23.42	24.0	0.0

n38_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518024	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.93	19.95	19.76	21.5	0.0
40	PI/2 BPSK	1	53	19.84	19.95	19.80		
40	PI/2 BPSK	1	104	19.93	19.95	19.78		
40	PI/2 BPSK	50	0	19.88	19.96	19.77	21.5	0.0
40	PI/2 BPSK	50	28	19.82	19.93	19.87	21.5	0.0
40	PI/2 BPSK	50	56	19.82	19.94	19.84		
40	PI/2 BPSK	100	0	19.80	19.86	19.85	21.5	0.0
40	QPSK	1	1	19.93	19.99	19.83	21.5	0.0
40	QPSK	1	53	19.81	19.98	19.82		
40	QPSK	1	104	19.92	19.95	19.78		
40	QPSK	50	0	19.82	19.85	19.86	21.5	0.0
40	QPSK	50	28	19.89	19.91	19.80		
40	QPSK	50	56	19.88	19.90	19.77		
40	QPSK	100	0	19.87	19.88	19.79	21.5	0.0
40	16QAM	1	1	19.85	19.90	19.76	21.5	0.0
40	64QAM	1	1	19.66	19.73	19.66	21.5	0.0
40	256QAM	1	1	17.83	17.84	17.77	19.5	2.0
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.88	19.98	19.88	21.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.81	19.98	19.76	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.81	19.87	19.77	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.94	19.91	19.86	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.86	19.86	19.81	21.5	0.0
Channel				514500	519000	523500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	1	19.90	19.85	19.80	21.5	0.0

FCC_n41_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528993		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.28	23.40	23.27	24.0	0.0
100	PI/2 BPSK	1	137	23.09	23.13	23.06		
100	PI/2 BPSK	1	271	23.18	23.32	23.24		
100	PI/2 BPSK	135	0	23.20	23.25	23.16	24.0	0.0
100	PI/2 BPSK	135	69	23.07	23.17	23.04	24.0	0.0
100	PI/2 BPSK	135	138	23.21	23.23	23.14	24.0	0.0
100	PI/2 BPSK	270	0	23.22	23.25	23.20		
100	QPSK	1	1	23.53	23.62	23.59	24.0	0.0
100	QPSK	1	137	23.03	23.11	23.07		
100	QPSK	1	271	23.33	23.34	23.32		
100	QPSK	135	0	23.19	23.26	23.11	24.0	0.0
100	QPSK	135	69	23.24	23.27	23.16		
100	QPSK	135	138	23.18	23.22	23.08		
100	QPSK	270	0	23.19	23.20	23.15	24.0	0.0
100	16QAM	1	1	23.29	23.36	23.31	24.0	0.0
100	64QAM	1	1	23.31	23.38	23.25	24.0	0.0
100	256QAM	1	1	21.89	21.95	21.91	22.5	1.5
Channel				506202	518598	528993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.45	23.58	23.46	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.40	23.48	23.48	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	23.41	23.48	23.51	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	23.40	23.51	23.48	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	23.46	23.48	23.44	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	23.50	23.49	23.47	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	23.45	23.60	23.48	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.52	23.48	23.54	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	23.51	23.58	23.54	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	23.42	23.61	23.50	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	23.52	23.47	23.53	24.0	0.0

FCC_n41_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528993		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.97	20.00	19.85	21.5	0.0
100	PI/2 BPSK	1	137	19.92	20.05	19.94		
100	PI/2 BPSK	1	271	19.92	20.09	19.86		
100	PI/2 BPSK	135	0	19.89	20.01	19.94	21.5	0.0
100	PI/2 BPSK	135	69	19.87	20.07	19.88	21.5	0.0
100	PI/2 BPSK	135	138	20.00	20.08	19.88	21.5	0.0
100	PI/2 BPSK	270	0	19.87	20.00	19.93		
100	QPSK	1	1	20.03	20.19	19.94	21.5	0.0
100	QPSK	1	137	19.95	20.10	19.91		
100	QPSK	1	271	19.92	20.05	19.93		
100	QPSK	135	0	19.92	20.08	19.81	21.5	0.0
100	QPSK	135	69	19.93	20.12	19.94		
100	QPSK	135	138	19.90	20.08	19.93		
100	QPSK	270	0	19.94	20.09	19.94	21.5	0.0
100	16QAM	1	1	19.96	20.12	19.86	21.5	0.0
100	64QAM	1	1	19.91	20.11	19.90	21.5	0.0
100	256QAM	1	1	19.99	20.07	19.85	21.5	0.0
Channel				506202	518598	528993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.94	20.04	19.84	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.97	20.05	19.81	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.92	20.06	19.88	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.94	20.02	19.85	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.90	20.00	19.85	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.89	20.08	19.88	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.98	20.10	19.85	21.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.93	20.10	19.85	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.99	20.13	19.89	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.96	20.13	19.91	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.00	20.06	19.83	21.5	0.0

n48_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.14	19.34	19.32	20.0	0.0
40	PI/2 BPSK	1	53	19.24	19.32	19.23		
40	PI/2 BPSK	1	104	19.24	19.29	19.27		
40	PI/2 BPSK	50	0	19.13	19.36	19.23	20.0	0.0
40	PI/2 BPSK	50	28	19.19	19.25	19.24	20.0	0.0
40	PI/2 BPSK	50	56	19.18	19.37	19.36		
40	PI/2 BPSK	100	0	19.22	19.28	19.30	20.0	0.0
40	QPSK	1	1	19.17	19.38	19.36		
40	QPSK	1	53	19.15	19.27	19.26	20.0	0.0
40	QPSK	1	104	19.16	19.36	19.35		
40	QPSK	50	0	19.11	19.33	19.33		
40	QPSK	50	28	19.22	19.38	19.34	20.0	0.0
40	QPSK	50	56	19.14	19.37	19.28		
40	QPSK	100	0	19.12	19.34	19.33	20.0	0.0
40	16QAM	1	1	19.11	19.31	19.34	20.0	0.0
40	64QAM	1	1	19.19	19.34	19.23	20.0	0.0
40	256QAM	1	1	19.16	19.25	19.34	20.0	0.0
Channel				637334	641666	645998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.13	19.35	19.29	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.01	3624.99	3690		
20	QPSK	1	1	19.14	19.34	19.32	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.19	19.27	19.28	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.13	19.31	19.22	20.0	0.0

n48_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.64	21.69	21.62	23.0	0.0
40	PI/2 BPSK	1	53	21.60	21.66	21.63		
40	PI/2 BPSK	1	104	21.65	21.71	21.65		
40	PI/2 BPSK	50	0	21.09	21.17	21.02	22.5	0.5
40	PI/2 BPSK	50	28	21.66	21.73	21.59	23.0	0.0
40	PI/2 BPSK	50	56	21.07	21.18	21.08		
40	PI/2 BPSK	100	0	21.24	21.26	21.16	22.5	0.5
40	QPSK	1	1	21.71	21.75	21.72		
40	QPSK	1	53	21.66	21.72	21.66	23.0	0.0
40	QPSK	1	104	21.66	21.72	21.69		
40	QPSK	50	0	20.52	20.66	20.63		
40	QPSK	50	28	21.57	21.72	21.66	23.0	0.0
40	QPSK	50	56	20.63	20.65	20.55		
40	QPSK	100	0	20.71	20.73	20.69	22.0	1.0
40	16QAM	1	1	20.44	20.59	20.53	22.0	1.0
40	64QAM	1	1	19.01	19.10	18.99	20.5	2.5
40	256QAM	1	1	17.05	17.11	16.99	18.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.60	21.74	21.63	23.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.01	3624.99	3690		
20	QPSK	1	1	21.63	21.73	21.64	23.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.58	21.72	21.70	23.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.57	21.71	21.71	23.0	0.0

Part27Q_n77_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.30		21.0	0.0
100	PI/2 BPSK	1	137		20.35			
100	PI/2 BPSK	1	271		20.28			
100	PI/2 BPSK	135	0		20.38		21.0	0.0
100	PI/2 BPSK	135	69		20.31		21.0	0.0
100	PI/2 BPSK	135	138		20.30		21.0	0.0
100	PI/2 BPSK	270	0		20.38			
100	QPSK	1	1		20.39		21.0	0.0
100	QPSK	1	137		20.30			
100	QPSK	1	271		20.28			
100	QPSK	135	0		20.31		21.0	0.0
100	QPSK	135	69		20.33			
100	QPSK	135	138		20.32			
100	QPSK	270	0		20.32		21.0	0.0
100	16QAM	1	1		20.36		21.0	0.0
100	64QAM	1	1		20.32		21.0	0.0
100	256QAM	1	1		20.38		19.5	1.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.29	20.33	20.22	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.22	20.33	20.22	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.34	20.22	20.16	21.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.26	20.31	20.29	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.31	20.29	20.24	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.35	20.31	20.24	21.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.24	20.25	20.26	21.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.32	20.27	20.20	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.29	20.32	20.18	21.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.35	20.35	20.29	21.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.31	20.32	20.22	21.0	0.0

Part27O_n77_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	19.72	19.81	19.63	21.0	0.0
100	PI/2 BPSK	1	137	19.62	19.80	19.72		
100	PI/2 BPSK	1	271	19.71	19.69	19.69		
100	PI/2 BPSK	135	0	19.62	19.71	19.66	21.0	0.0
100	PI/2 BPSK	135	69	19.63	19.79	19.64	21.0	0.0
100	PI/2 BPSK	135	138	19.69	19.75	19.70	21.0	0.0
100	PI/2 BPSK	270	0	19.65	19.80	19.75		
100	QPSK	1	1	19.72	19.82	19.73	21.0	0.0
100	QPSK	1	137	19.65	19.69	19.68		
100	QPSK	1	271	19.71	19.71	19.70		
100	QPSK	135	0	19.67	19.74	19.66	21.0	0.0
100	QPSK	135	69	19.69	19.71	19.63		
100	QPSK	135	138	19.74	19.71	19.68		
100	QPSK	270	0	19.67	19.70	19.69	21.0	0.0
100	16QAM	1	1	19.65	19.75	19.67	21.0	0.0
100	64QAM	1	1	19.75	19.68	19.72	21.0	0.0
100	256QAM	1	1	19.63	19.79	19.71	19.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.70	19.73	19.73	21.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.74	19.78	19.63	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.75	19.78	19.68	21.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.74	19.77	19.73	21.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.64	19.70	19.65	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.74	19.81	19.73	21.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.64	19.68	19.69	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.73	19.68	19.74	21.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.75	19.70	19.67	21.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.67	19.72	19.66	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.68	19.80	19.69	21.0	0.0

Part27Q(HPUE)_n77_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.30		21.0	0.0
100	PI/2 BPSK	1	137		20.35			
100	PI/2 BPSK	1	271		20.28			
100	PI/2 BPSK	135	0		20.38		21.0	0.0
100	PI/2 BPSK	135	69		20.31		21.0	0.0
100	PI/2 BPSK	135	138		20.30		21.0	0.0
100	PI/2 BPSK	270	0		20.38			
100	QPSK	1	1		20.39		21.0	0.0
100	QPSK	1	137		20.30			
100	QPSK	1	271		20.28			
100	QPSK	135	0		20.31		21.0	0.0
100	QPSK	135	69		20.33			
100	QPSK	135	138		20.32			
100	QPSK	270	0		20.32		21.0	0.0
100	16QAM	1	1		20.36		21.0	0.0
100	64QAM	1	1		20.32		21.0	0.0
100	256QAM	1	1		20.38		21.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.29	20.33	20.22	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.22	20.33	20.22	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.34	20.22	20.16	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.26	20.31	20.29	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.31	20.29	20.24	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.35	20.31	20.24	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.24	20.25	20.28	21.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.32	20.27	20.20	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.29	20.32	20.18	21.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.35	20.35	20.29	21.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.31	20.32	20.22	21.0	0.0

Part27O(HPUE)_n77_Ant 0(DSI 6/8/9/12)

BW [MHz]	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	19.72	19.81	19.63	21.0	0.0
100	PI/2 BPSK	1	137	19.62	19.80	19.72		
100	PI/2 BPSK	1	271	19.71	19.69	19.69		
100	PI/2 BPSK	135	0	19.62	19.71	19.66	21.0	0.0
100	PI/2 BPSK	135	69	19.63	19.79	19.64	21.0	0.0
100	PI/2 BPSK	135	138	19.69	19.75	19.70	21.0	0.0
100	PI/2 BPSK	270	0	19.65	19.80	19.75		
100	QPSK	1	1	19.72	19.82	19.73	21.0	0.0
100	QPSK	1	137	19.65	19.69	19.68		
100	QPSK	1	271	19.71	19.71	19.70		
100	QPSK	135	0	19.67	19.74	19.66	21.0	0.0
100	QPSK	135	69	19.69	19.71	19.63		
100	QPSK	135	138	19.74	19.71	19.68		
100	QPSK	270	0	19.67	19.70	19.69	21.0	0.0
100	16QAM	1	1	19.65	19.75	19.67	21.0	0.0
100	64QAM	1	1	19.75	19.68	19.72	21.0	0.0
100	256QAM	1	1	19.63	19.79	19.71	21.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.70	19.73	19.73	21.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.74	19.78	19.63	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.75	19.78	19.68	21.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.74	19.77	19.73	21.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.64	19.70	19.65	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.74	19.81	19.73	21.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.64	19.68	19.69	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.73	19.68	19.74	21.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.75	19.70	19.67	21.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.67	19.72	19.68	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.68	19.80	19.69	21.0	0.0

Part27Q_n77_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.57		23.0	0.0
100	PI/2 BPSK	1	137		22.46			
100	PI/2 BPSK	1	271		22.46			
100	PI/2 BPSK	135	0		22.48		23.0	0.0
100	PI/2 BPSK	135	69		22.58		23.0	0.0
100	PI/2 BPSK	135	138		22.49		23.0	0.0
100	PI/2 BPSK	270	0		22.58			
100	QPSK	1	1		22.60		23.0	0.0
100	QPSK	1	137		22.57			
100	QPSK	1	271		22.57			
100	QPSK	135	0		22.50		23.0	0.0
100	QPSK	135	69		22.58			
100	QPSK	135	138		22.45			
100	QPSK	270	0		22.56		23.0	0.0
100	16QAM	1	1		22.56		23.0	0.0
100	64QAM	1	1		22.52		23.0	0.0
100	256QAM	1	1		20.95		22.5	0.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.48	22.47	22.45	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.42	22.37	22.41	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.35	22.46	22.39	23.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.46	22.41	22.33	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.44	22.39	22.38	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.39	22.35	22.30	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.45	22.37	22.33	23.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.35	22.45	22.39	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.36	22.40	22.43	23.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.42	22.39	22.37	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.40	22.40	22.44	23.0	0.0

Part27O_n77_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	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	21.95	21.98	21.84	23.0	0.0
100	PI/2 BPSK	1	137	21.88	22.07	21.84		
100	PI/2 BPSK	1	271	21.90	22.06	21.87		
100	PI/2 BPSK	135	0	21.89	21.93	21.86	23.0	0.0
100	PI/2 BPSK	135	69	21.91	22.07	21.87	23.0	0.0
100	PI/2 BPSK	135	138	21.85	21.94	21.82	23.0	0.0
100	PI/2 BPSK	270	0	21.96	21.97	21.91		
100	QPSK	1	1	21.88	22.08	21.84	23.0	0.0
100	QPSK	1	137	21.88	22.05	21.90		
100	QPSK	1	271	21.97	22.05	21.91		
100	QPSK	135	0	21.87	22.03	21.86	23.0	0.0
100	QPSK	135	69	21.92	22.01	21.84		
100	QPSK	135	138	21.96	22.01	21.94		
100	QPSK	270	0	21.90	22.00	21.90	23.0	0.0
100	16QAM	1	1	21.98	22.01	21.92	23.0	0.0
100	64QAM	1	1	21.91	21.93	21.90	23.0	0.0
100	256QAM	1	1	21.32	21.35	21.24	22.5	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.95	21.99	21.81	23.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.92	22.00	21.80	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.89	21.94	21.82	23.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.97	22.03	21.90	23.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.98	22.02	21.89	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.85	21.99	21.83	23.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	21.93	21.98	21.91	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	21.85	21.95	21.93	23.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.90	21.98	21.91	23.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.85	21.99	21.90	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.85	21.99	21.94	23.0	0.0

Part27Q(HPUE)_n77_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.13		23.0	0.0
100	PI/2 BPSK	1	137		22.12			
100	PI/2 BPSK	1	271		22.02			
100	PI/2 BPSK	135	0		22.12		23.0	0.0
100	PI/2 BPSK	135	69		22.06		23.0	0.0
100	PI/2 BPSK	135	138		22.13		23.0	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.18		23.0	0.0
100	QPSK	1	137		22.12			
100	QPSK	1	271		22.12			
100	QPSK	135	0		22.05		23.0	0.0
100	QPSK	135	69		22.16			
100	QPSK	135	138		22.13			
100	QPSK	270	0		22.15		23.0	0.0
100	16QAM	1	1		22.01		23.0	0.0
100	64QAM	1	1		22.12		23.0	0.0
100	256QAM	1	1		21.45		22.5	0.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.00	22.12	22.03	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.94	22.07	21.98	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.94	22.08	22.03	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.94	22.02	22.04	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.96	22.09	21.99	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.99	22.01	22.03	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.88	22.04	22.09	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.91	22.02	22.07	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.98	22.12	22.01	23.0	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.99	22.06	22.10	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.92	22.00	22.04	23.0	0.0

Part27O(HPUE)_n77_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	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	21.95	21.98	21.84	23.0	0.0
100	PI/2 BPSK	1	137	21.88	22.07	21.84		
100	PI/2 BPSK	1	271	21.90	22.06	21.87		
100	PI/2 BPSK	135	0	21.89	21.93	21.86	23.0	0.0
100	PI/2 BPSK	135	69	21.91	22.07	21.87	23.0	0.0
100	PI/2 BPSK	135	138	21.85	21.94	21.82	23.0	0.0
100	PI/2 BPSK	270	0	21.96	21.97	21.91		
100	QPSK	1	1	21.88	22.08	21.94	23.0	0.0
100	QPSK	1	137	21.88	22.05	21.90		
100	QPSK	1	271	21.97	22.05	21.91		
100	QPSK	135	0	21.87	22.03	21.86	23.0	0.0
100	QPSK	135	69	21.99	22.01	21.94		
100	QPSK	135	138	21.96	22.01	21.94		
100	QPSK	270	0	21.90	22.00	21.90	23.0	0.0
100	16QAM	1	1	21.98	22.01	21.92	23.0	0.0
100	64QAM	1	1	21.91	21.93	21.90	23.0	0.0
100	256QAM	1	1	21.32	21.36	21.24	22.5	0.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.95	21.99	21.81	23.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.92	22.00	21.80	23.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.89	21.94	21.82	23.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.97	22.03	21.90	23.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.98	22.02	21.89	23.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.85	21.99	21.83	23.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.93	21.98	21.91	23.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.85	21.95	21.93	23.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.90	21.98	21.91	23.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.85	21.99	21.90	23.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.85	21.99	21.94	23.0	0.0

Part27Q_n78_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.20		21.0	0.0
100	PI/2 BPSK	1	137		20.33			
100	PI/2 BPSK	1	271		20.26			
100	PI/2 BPSK	135	0		20.20		21.0	0.0
100	PI/2 BPSK	135	69		20.34		21.0	0.0
100	PI/2 BPSK	135	138		20.33		21.0	0.0
100	PI/2 BPSK	270	0		20.30			
100	QPSK	1	1		20.35		21.0	0.0
100	QPSK	1	137		20.29			
100	QPSK	1	271		20.25			
100	QPSK	135	0		20.21		21.0	0.0
100	QPSK	135	69		20.31			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.28		21.0	0.0
100	16QAM	1	1		20.28		21.0	0.0
100	64QAM	1	1		20.27		21.0	0.0
100	256QAM	1	1		20.22		21.0	0.0
Channel				633000	633332	633665	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.24	20.15	20.15	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.15	20.14	20.18	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.23	20.12	20.10	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.14	20.13	20.08	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.14	20.15	20.19	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.20	20.21	20.20	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.16	20.14	20.08	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.08	20.10	20.09	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.26	20.10	20.09	21.0	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.18	20.09	20.14	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.14	20.10	20.07	21.0	0.0

Part27O_n78_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.16		21.0	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.15			
100	PI/2 BPSK	135	0		20.14		21.0	0.0
100	PI/2 BPSK	135	69		20.14		21.0	0.0
100	PI/2 BPSK	135	138		20.09		21.0	0.0
100	PI/2 BPSK	270	0		20.15			
100	QPSK	1	1		20.23		21.0	0.0
100	QPSK	1	137		20.08			
100	QPSK	1	271		20.08			
100	QPSK	135	0		20.16		21.0	0.0
100	QPSK	135	69		20.19			
100	QPSK	135	138		20.18			
100	QPSK	270	0		20.13		21.0	0.0
100	16QAM	1	1		20.08		21.0	0.0
100	64QAM	1	1		20.15		21.0	0.0
100	256QAM	1	1		20.08		21.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.98	20.04	20.14	21.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.99	20.11	20.04	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.95	20.03	20.16	21.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.94	20.06	20.15	21.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.96	20.10	20.09	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.04	20.05	20.10	21.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.03	20.08	20.06	21.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.06	20.08	20.15	21.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.97	20.15	20.14	21.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.02	20.03	20.14	21.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.00	20.04	20.04	21.0	0.0

Part27Q(HPUE)_n78_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.20		21.0	0.0
100	PI/2 BPSK	1	137		20.33			
100	PI/2 BPSK	1	271		20.26			
100	PI/2 BPSK	135	0		20.20		21.0	0.0
100	PI/2 BPSK	135	69		20.34		21.0	0.0
100	PI/2 BPSK	135	138		20.33		21.0	0.0
100	PI/2 BPSK	270	0		20.30			
100	QPSK	1	1		20.35		21.0	0.0
100	QPSK	1	137		20.29			
100	QPSK	1	271		20.25			
100	QPSK	135	0		20.21		21.0	0.0
100	QPSK	135	69		20.31			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.26		21.0	0.0
100	16QAM	1	1		20.28		21.0	0.0
100	64QAM	1	1		20.27		21.0	0.0
100	256QAM	1	1		20.22		21.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.24	20.15	20.15	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.15	20.14	20.18	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.23	20.12	20.10	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.14	20.13	20.06	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.14	20.15	20.19	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.20	20.21	20.20	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.16	20.14	20.08	21.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.27	20.10	20.09	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.26	20.10	20.09	21.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.18	20.09	20.14	21.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.14	20.10	20.07	21.0	0.0

Part27O(HPUE)_n78_Ant 0(DSI 6/8/9/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.16		21.0	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.15			
100	PI/2 BPSK	135	0		20.14		21.0	0.0
100	PI/2 BPSK	135	69		20.14		21.0	0.0
100	PI/2 BPSK	135	138		20.09		21.0	0.0
100	PI/2 BPSK	270	0		20.15			
100	QPSK	1	1		20.23		21.0	0.0
100	QPSK	1	137		20.08			
100	QPSK	1	271		20.08			
100	QPSK	135	0		20.16		21.0	0.0
100	QPSK	135	69		20.19			
100	QPSK	135	138		20.18			
100	QPSK	270	0		20.13		21.0	0.0
100	16QAM	1	1		20.08		21.0	0.0
100	64QAM	1	1		20.15		21.0	0.0
100	256QAM	1	1		20.08		21.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.98	20.04	20.14	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.99	20.11	20.04	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.95	20.03	20.16	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.94	20.06	20.15	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.96	20.10	20.09	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.04	20.05	20.10	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.03	20.08	20.08	21.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.06	20.08	20.15	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.97	20.15	20.14	21.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	20.02	20.03	20.14	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.00	20.04	20.04	21.0	0.0

Part27Q_n78_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.40		22.0	0.0
100	PI/2 BPSK	1	137		20.35			
100	PI/2 BPSK	1	271		20.46			
100	PI/2 BPSK	135	0		20.32		22.0	0.0
100	PI/2 BPSK	135	69		20.38		22.0	0.0
100	PI/2 BPSK	135	138		20.33		22.0	0.0
100	PI/2 BPSK	270	0		20.34			
100	QPSK	1	1		20.47		22.0	0.0
100	QPSK	1	137		20.41			
100	QPSK	1	271		20.35			
100	QPSK	135	0		20.42		22.0	0.0
100	QPSK	135	69		20.46			
100	QPSK	135	138		20.44			
100	QPSK	270	0		20.39		22.0	0.0
100	16QAM	1	1		20.38		22.0	0.0
100	64QAM	1	1		20.40		22.0	0.0
100	256QAM	1	1		20.38		22.0	0.0
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.36	20.38	20.38	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.38	20.42	20.38	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.45	20.45	20.33	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.46	20.46	20.42	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.32	20.36	20.38	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.41	20.45	20.38	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.42	20.43	20.37	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.46	20.34	20.39	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.37	20.46	20.33	22.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.45	20.41	20.44	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.43	20.39	20.45	22.0	0.0

Part27O_n78_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.54		22.0	0.0
100	PI/2 BPSK	1	137		20.47			
100	PI/2 BPSK	1	271		20.51			
100	PI/2 BPSK	135	0		20.45		22.0	0.0
100	PI/2 BPSK	135	69		20.55		22.0	0.0
100	PI/2 BPSK	135	138		20.53		22.0	0.0
100	PI/2 BPSK	270	0		20.54			
100	QPSK	1	1		20.59		22.0	0.0
100	QPSK	1	137		20.52			
100	QPSK	1	271		20.53			
100	QPSK	135	0		20.50		22.0	0.0
100	QPSK	135	69		20.54			
100	QPSK	135	138		20.52			
100	QPSK	270	0		20.52		22.0	0.0
100	16QAM	1	1		20.46		22.0	0.0
100	64QAM	1	1		20.46		22.0	0.0
100	256QAM	1	1		20.57		22.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.44	20.52	20.46	22.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.49	20.48	20.56	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.44	20.47	20.56	22.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.44	20.44	20.50	22.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.46	20.54	20.53	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.51	20.53	20.58	22.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.51	20.45	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	20.57	20.50	20.53	22.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.48	20.55	20.53	22.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.54	20.46	20.44	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.58	20.52	20.58	22.0	0.0

Part27Q(HPUE)_n78_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.40		22.0	0.0
100	PI/2 BPSK	1	137		20.35			
100	PI/2 BPSK	1	271		20.46			
100	PI/2 BPSK	135	0		20.32		22.0	0.0
100	PI/2 BPSK	135	69		20.38		22.0	0.0
100	PI/2 BPSK	135	138		20.33		22.0	0.0
100	PI/2 BPSK	270	0		20.34			
100	QPSK	1	1		20.47		22.0	0.0
100	QPSK	1	137		20.41			
100	QPSK	1	271		20.35			
100	QPSK	135	0		20.42		22.0	0.0
100	QPSK	135	69		20.46			
100	QPSK	135	138		20.44			
100	QPSK	270	0		20.39		22.0	0.0
100	16QAM	1	1		20.38		22.0	0.0
100	64QAM	1	1		20.40		22.0	0.0
100	256QAM	1	1		20.38		22.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.36	20.38	20.38	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.38	20.42	20.38	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.45	20.45	20.33	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.46	20.46	20.42	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.32	20.36	20.36	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.41	20.45	20.38	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.42	20.43	20.37	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.46	20.34	20.39	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.37	20.46	20.33	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.45	20.41	20.44	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.43	20.39	20.45	22.0	0.0

Part27O(HPUE)_n78_Ant 1(DSI 7/8/9/10/11/12)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.54		22.0	0.0
100	PI/2 BPSK	1	137		20.47			
100	PI/2 BPSK	1	271		20.51			
100	PI/2 BPSK	135	0		20.45		22.0	0.0
100	PI/2 BPSK	135	69		20.55		22.0	0.0
100	PI/2 BPSK	135	138		20.53		22.0	0.0
100	PI/2 BPSK	270	0		20.54			
100	QPSK	1	1		20.59		22.0	0.0
100	QPSK	1	137		20.52			
100	QPSK	1	271		20.53			
100	QPSK	135	0		20.50		22.0	0.0
100	QPSK	135	69		20.54			
100	QPSK	135	138		20.52			
100	QPSK	270	0		20.52		22.0	0.0
100	16QAM	1	1		20.46		22.0	0.0
100	64QAM	1	1		20.46		22.0	0.0
100	256QAM	1	1		20.57		22.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.44	20.52	20.46	22.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.49	20.46	20.58	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.44	20.47	20.58	22.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.44	20.44	20.50	22.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.46	20.54	20.53	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.51	20.53	20.58	22.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.51	20.45	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	20.57	20.50	20.53	22.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.48	20.55	20.53	22.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3740	3792.48		
15	QPSK	1	1	20.54	20.46	20.44	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.58	20.52	20.58	22.0	0.0

2.4GHz WLAN				Full Power						Sensor on Standalone						Sensor on Simultaneous						Duty Cycle %
				Ant 7		Ant 6		Ant 7+6		Ant 7		Ant 6		Ant 7+6		Ant 7		Ant 6		Ant 7+6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	13.70	15.00	13.60	15.00	16.66	18.00	13.70	15.00	13.60	15.00	16.66	18.00	13.70	15.00	13.60	15.00	16.66	18.00	100.00
		6	2437	15.60	17.00	15.10	17.00	18.37	20.00	15.60	17.00	15.10	17.00	18.37	20.00	15.60	17.00	15.10	17.00	18.37	20.00	
		11	2462	15.00	16.00	14.60	16.00	17.81	19.00	15.00	16.00	14.60	16.00	17.81	19.00	15.00	16.00	14.60	16.00	17.81	19.00	
	802.11g 6Mbps	1	2412	15.40	17.00	15.20	17.00	18.31	20.00	15.40	17.00	15.20	17.00	18.31	20.00	15.40	17.00	15.20	17.00	18.31	20.00	98.68
		6	2437	15.90	17.00	15.30	17.00	18.62	20.00	15.90	17.00	15.30	17.00	18.62	20.00	15.90	17.00	15.30	17.00	18.62	20.00	
		11	2462	15.70	17.00	15.00	17.00	18.37	20.00	15.70	17.00	15.00	17.00	18.37	20.00	15.70	17.00	15.00	17.00	18.37	20.00	
	802.11n-HT20 MCS0	1	2412	14.30	16.00	14.10	16.00	17.21	19.00	14.30	16.00	14.10	16.00	17.21	19.00	14.30	16.00	14.10	16.00	17.21	19.00	100.00
		6	2437	14.90	16.00	14.30	16.00	17.62	19.00	14.90	16.00	14.30	16.00	17.62	19.00	14.90	16.00	14.30	16.00	17.62	19.00	
		11	2462	14.80	16.00	14.20	16.00	17.52	19.00	14.80	16.00	14.20	16.00	17.52	19.00	14.80	16.00	14.20	16.00	17.52	19.00	
	802.11n-HT40 MCS0	3	2422	14.40	16.00	14.00	16.00	17.21	19.00	14.40	16.00	14.00	16.00	17.21	19.00	14.40	16.00	14.00	16.00	17.21	19.00	100.00
		6	2437	14.50	16.00	14.00	16.00	17.27	19.00	14.50	16.00	14.00	16.00	17.27	19.00	14.50	16.00	14.00	16.00	17.27	19.00	
		9	2452	14.80	16.00	14.30	16.00	17.57	19.00	14.80	16.00	14.30	16.00	17.57	19.00	14.80	16.00	14.30	16.00	17.57	19.00	
	802.11ac-VHT20 MCS0	1	2412	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	100.00
		6	2437		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		11	2462		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ac-VHT40 MCS0	3	2422		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	100.00
		6	2437		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		9	2452		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ax-HE20 MCS0	1	2412		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	100.00
		6	2437		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		11	2462		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ax-HE40 MCS0	3	2422		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	100.00
		6	2437		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		9	2452		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11be-EHT20 MCS0	1	2412	9.60	11.00	9.40	11.00	12.51	14.00	9.60	11.00	9.40	11.00	12.51	14.00	9.60	11.00	9.40	11.00	12.51	14.00	100.00
		6	2437	9.80	11.00	9.10	11.00	12.47	14.00	9.80	11.00	9.10	11.00	12.47	14.00	9.80	11.00	9.10	11.00	12.47	14.00	
		11	2462	9.90	11.00	9.40	11.00	12.67	14.00	9.90	11.00	9.40	11.00	12.67	14.00	9.90	11.00	9.40	11.00	12.67	14.00	
	802.11be-EHT40 MCS0	3	2422	9.60	11.00	9.00	11.00	12.32	14.00	9.60	11.00	9.00	11.00	12.32	14.00	9.60	11.00	9.00	11.00	12.32	14.00	100.00
		6	2437	9.60	11.00	9.10	11.00	12.37	14.00	9.60	11.00	9.10	11.00	12.37	14.00	9.60	11.00	9.10	11.00	12.37	14.00	
		9	2452	9.60	11.00	9.00	11.00	12.32	14.00	9.60	11.00	9.00	11.00	12.32	14.00	9.60	11.00	9.00	11.00	12.32	14.00	

5.2GHz WLAN				Full Power						Sensor on Standalone						Sensor on Simultaneous						Duty Cycle %
				Ant 7		Ant 6		Ant 7+6		Ant 7		Ant 6		Ant 7+6		Ant 7		Ant 6		Ant 7+6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.58	17.00	15.64	17.00	18.62	20.00	15.58	17.00	15.64	17.00	18.62	20.00	Not Required	15.00	Not Required	15.00	Not Required	18.00	99.05
		40	5200	15.55	17.00	15.74	17.00	18.66	20.00	15.55	17.00	15.74	17.00	18.66	20.00		15.00		15.00		18.00	
		44	5220	15.59	17.00	15.88	17.00	18.75	20.00	15.59	17.00	15.88	17.00	18.75	20.00		15.00		15.00		18.00	
		48	5240	15.58	17.00	15.87	17.00	18.74	20.00	15.58	17.00	15.87	17.00	18.74	20.00		15.00		15.00		18.00	
	802.11n-HT20 MCS0	36	5180	14.52	16.00	14.60	16.00	17.57	19.00	14.52	16.00	14.60	16.00	17.57	19.00		15.00		15.00		18.00	100.00
		40	5200	14.46	16.00	14.87	16.00	17.68	19.00	14.46	16.00	14.87	16.00	17.68	19.00		15.00		15.00		18.00	
		44	5220	14.54	16.00	14.88	16.00	17.72	19.00	14.54	16.00	14.88	16.00	17.72	19.00		15.00		15.00		18.00	
		48	5240	14.50	16.00	14.84	16.00	17.68	19.00	14.50	16.00	14.84	16.00	17.68	19.00		15.00		15.00		18.00	
	802.11n-HT40 MCS0	38	5190	14.08	16.00	14.12	16.00	17.11	19.00	14.08	16.00	14.12	16.00	17.11	19.00	13.10	15.00	13.12	15.00	16.12	18.00	100.00
		46	5230	14.12	16.00	14.35	16.00	17.25	19.00	14.12	16.00	14.35	16.00	17.25	19.00	13.23	15.00	13.31	15.00	16.28	18.00	
	802.11ac-VHT20 MCS0	36	5180	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	100.00
		40	5200		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		44	5220		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		48	5240		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ac-VHT40 MCS0	38	5190		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	100.00
		46	5230		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ac-VHT80 MCS0	42	5210	12.01	14.00	12.03	14.00	15.03	17.00	12.01	14.00	12.03	14.00	15.03	17.00		14.00		14.00		17.00	100.00
	802.11ax-HE20 MCS0	36	5180	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	100.00
		40	5200		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		44	5220		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		48	5240		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ax-HE40 MCS0	38	5190		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	100.00
		46	5230		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ax-HE80 MCS0	42	5210		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	100.00
	802.11be-EHT20 MCS0	36	5180	9.33	11.00	9.67	11.00	12.51	14.00	9.33	11.00	9.67	11.00	12.51	14.00		11.00		11.00		14.00	100.00
		40	5200	9.34	11.00	9.76	11.00	12.57	14.00	9.34	11.00	9.76	11.00	12.57	14.00		11.00		11.00		14.00	
		44	5220	9.40	11.00	9.85	11.00	12.64	14.00	9.40	11.00	9.85	11.00	12.64	14.00		11.00		11.00		14.00	
		48	5240	9.36	11.00	9.86	11.00	12.63	14.00	9.36	11.00	9.86	11.00	12.63	14.00		11.00		11.00		14.00	
	802.11be-EHT40 MCS0	38	5190	9.01	11.00	9.05	11.00	12.04	14.00	9.01	11.00	9.05	11.00	12.04	14.00		11.00		11.00		14.00	100.00
		46	5230	9.03	11.00	9.10	11.00	12.08	14.00	9.03	11.00	9.10	11.00	12.08	14.00		11.00		11.00		14.00	
	802.11be-EHT80 MCS0	42	5210	9.05	11.00	9.20	11.00	12.14	14.00	9.05	11.00	9.20	11.00	12.14	14.00		11.00		11.00		14.00	100.00

5.8GHz WLAN				Full Power						Sensor on Standalone						Sensor on Simultaneous						Duty Cycle %
				Ant 7		Ant 6		Ant 7+6		Ant 7		Ant 6		Ant 7+6		Ant 7		Ant 6		Ant 7+6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.31	17.00	15.06	17.00	18.20	20.00	15.31	17.00	15.06	17.00	18.20	20.00	Not Required	15.50	Not Required	15.50	Not Required	18.50	99.05
		157	5785	15.41	17.00	15.19	17.00	18.31	20.00	15.41	17.00	15.19	17.00	18.31	20.00		15.50		15.50		18.50	
		165	5825	15.49	17.00	15.27	17.00	18.39	20.00	15.49	17.00	15.27	17.00	18.39	20.00		15.50		15.50		18.50	
	802.11n-HT20 MCS0	149	5745	14.52	16.00	14.02	16.00	17.29	19.00	14.52	16.00	14.02	16.00	17.29	19.00		15.50		15.50		18.50	100.00
		157	5785	14.50	16.00	14.08	16.00	17.31	19.00	14.50	16.00	14.08	16.00	17.31	19.00		15.50		15.50		18.50	
		165	5825	14.32	16.00	14.15	16.00	17.25	19.00	14.32	16.00	14.15	16.00	17.25	19.00		15.50		15.50		18.50	
	802.11n-HT40 MCS0	151	5755	14.78	16.00	14.58	16.00	17.69	19.00	14.78	16.00	14.58	16.00	17.69	19.00	14.18	15.50	14.13	15.50	17.17	18.50	100.00
		159	5795	14.81	16.00	14.70	16.00	17.77	19.00	14.81	16.00	14.70	16.00	17.77	19.00	14.29	15.50	14.20	15.50	17.26	18.50	
	802.11ac-VHT20 MCS0	149	5745	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	100.00
		157	5785		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		165	5825		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ac-VHT40 MCS0	151	5755		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	100.00
		159	5795		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ac-VHT80 MCS0	155	5775	12.45	14.00	12.20	14.00	15.34	17.00	12.45	14.00	12.20	14.00	15.34	17.00		14.00		14.00		17.00	100.00
	802.11ax-HE20 MCS0	149	5745	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	100.00
		157	5785		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
		165	5825		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ax-HE40 MCS0	151	5755		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	100.00
		159	5795		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ax-HE80 MCS0	155	5775		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	100.00
	802.11be-EHT20 MCS0	149	5745	9.33	11.00	9.08	11.00	12.22	14.00	9.33	11.00	9.08	11.00	12.22	14.00		11.00		11.00		14.00	100.00
		157	5785	9.46	11.00	9.37	11.00	12.43	14.00	9.46	11.00	9.37	11.00	12.43	14.00		11.00		11.00		14.00	
		165	5825	9.52	11.00	9.48	11.00	12.51	14.00	9.52	11.00	9.48	11.00	12.51	14.00		11.00		11.00		14.00	
	802.11be-EHT40 MCS0	151	5755	9.58	11.00	9.45	11.00	12.53	14.00	9.58	11.00	9.45	11.00	12.53	14.00		11.00		11.00		14.00	100.00
		159	5795	9.66	11.00	9.70	11.00	12.69	14.00	9.66	11.00	9.70	11.00	12.69	14.00		11.00		11.00		14.00	
	802.11be-EHT80 MCS0	155	5775	9.67	11.00	9.62	11.00	12.66	14.00	9.67	11.00	9.62	11.00	12.66	14.00		11.00		11.00		14.00	100.00