

<FR1 n77_Ant 7_Index 3> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.30		
100	PI/2 BPSK	1	137		23.62		24.4
100	PI/2 BPSK	1	271		23.35		
100	PI/2 BPSK	135	0		22.91		
100	PI/2 BPSK	135	69		23.57		23.9
100	PI/2 BPSK	135	138		22.90		24.4
100	PI/2 BPSK	270	0		22.98		
100	QPSK	1	1		23.37		
100	QPSK	1	137		23.55		24.4
100	QPSK	1	271		23.35		
100	QPSK	135	0		22.46		
100	QPSK	135	69		23.53		23.4
100	QPSK	135	138		22.41		24.4
100	QPSK	270	0		22.48		
100	16QAM	1	1		22.30		
100	64QAM	1	1		20.85		23.4
100	256QAM	1	1		19.03		21.9
Channel				633000	633332	633666	19.9
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.49	23.58	23.51	
Channel				632668	633332	634000	24.4
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.38	23.51	23.43	
Channel				632334	633332	634332	24.4
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.43	23.51	23.45	
Channel				632000	633332	634666	24.4
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.40	23.52	23.45	
Channel				631668	633332	635000	24.4
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.43	23.47	23.44	
Channel				631334	633332	635332	24.4
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.43	23.49	23.44	
Channel				631000	633332	635666	24.4
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.44	23.46	23.41	
Channel				630834	633332	635832	24.4
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.43	23.49	23.42	
Channel				630668	633332	636000	24.4
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.42	23.47	23.41	
Channel				630500	633332	636166	24.4
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.43	23.51	23.39	
Channel				630334	633332	636332	24.4
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.42	23.53	23.46	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.06		21.0
100	PI/2 BPSK	1	137		20.04		
100	PI/2 BPSK	1	271		20.04		
100	PI/2 BPSK	135	0		20.21		21.0
100	PI/2 BPSK	135	69		20.53		21.0
100	PI/2 BPSK	135	138		20.20		21.0
100	PI/2 BPSK	270	0		20.24		
100	QPSK	1	1		19.96		21.0
100	QPSK	1	137		20.03		
100	QPSK	1	271		20.01		
100	QPSK	135	0		20.21		21.0
100	QPSK	135	69		20.31		21.0
100	QPSK	135	138		20.11		21.0
100	QPSK	270	0		20.23		
100	16QAM	1	1		20.03		21.0
100	64QAM	1	1		20.03		21.0
100	256QAM	1	1		19.03		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.10	20.09	20.15	21.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.11	20.09	20.18	21.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.18	20.15	20.08	21.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.15	20.09	20.17	21.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.10	20.13	20.10	21.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.08	20.14	20.17	21.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.08	20.10	20.18	21.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.10	20.11	20.18	21.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.08	20.11	20.08	21.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.15	20.09	20.10	21.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.12	20.10	20.17	21.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.06		
100	PI/2 BPSK	1	137		20.04		21.7
100	PI/2 BPSK	1	271		20.04		
100	PI/2 BPSK	135	0		20.21		
100	PI/2 BPSK	135	69		20.53		21.7
100	PI/2 BPSK	135	138		20.20		21.7
100	PI/2 BPSK	270	0		20.24		
100	QPSK	1	1		19.96		
100	QPSK	1	137		20.03		21.7
100	QPSK	1	271		20.01		
100	QPSK	135	0		20.21		
100	QPSK	135	69		20.31		21.7
100	QPSK	135	138		20.11		21.7
100	QPSK	270	0		20.23		
100	16QAM	1	1		20.03		
100	64QAM	1	1		20.03		21.7
100	256QAM	1	1		19.03		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.10	20.09	20.15	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.11	20.09	20.18	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.18	20.15	20.08	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.15	20.09	20.17	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.10	20.13	20.10	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.08	20.14	20.17	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.08	20.10	20.18	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.10	20.11	20.18	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.08	20.11	20.08	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.15	20.09	20.10	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.12	20.10	20.17	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.06		21.0
100	PI/2 BPSK	1	137		20.04		
100	PI/2 BPSK	1	271		20.04		
100	PI/2 BPSK	135	0		20.21		21.0
100	PI/2 BPSK	135	69		20.53		21.0
100	PI/2 BPSK	135	138		20.20		21.0
100	PI/2 BPSK	270	0		20.24		
100	QPSK	1	1		19.96		21.0
100	QPSK	1	137		20.03		
100	QPSK	1	271		20.01		
100	QPSK	135	0		20.21		21.0
100	QPSK	135	69		20.31		21.0
100	QPSK	135	138		20.11		21.0
100	QPSK	270	0		20.23		
100	16QAM	1	1		20.03		21.0
100	64QAM	1	1		20.03		21.0
100	256QAM	1	1		19.03		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.10	20.09	20.15	21.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.11	20.09	20.18	21.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.18	20.15	20.08	21.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.15	20.09	20.17	21.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.10	20.13	20.10	21.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.08	20.14	20.17	21.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.08	20.10	20.18	21.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.10	20.11	20.18	21.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.08	20.11	20.08	21.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.15	20.09	20.10	21.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.12	20.10	20.17	21.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.09		19.9
100	PI/2 BPSK	1	137		18.82		
100	PI/2 BPSK	1	271		18.89		
100	PI/2 BPSK	135	0		18.89		19.9
100	PI/2 BPSK	135	69		18.90		19.9
100	PI/2 BPSK	135	138		18.86		19.9
100	PI/2 BPSK	270	0		18.95		
100	QPSK	1	1		19.06		19.9
100	QPSK	1	137		18.80		
100	QPSK	1	271		18.88		
100	QPSK	135	0		18.88		19.9
100	QPSK	135	69		18.88		19.9
100	QPSK	135	138		18.81		19.9
100	QPSK	270	0		18.93		
100	16QAM	1	1		18.81		19.9
100	64QAM	1	1		18.85		19.9
100	256QAM	1	1		18.86		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.97	18.98	19.01	19.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.96	18.97	18.96	19.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.03	19.01	18.97	19.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.02	18.96	19.06	19.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.01	19.01	19.06	19.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.99	19.01	18.98	19.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.03	19.02	19.04	19.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.96	18.98	19.02	19.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.97	18.98	19.01	19.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.02	19.04	19.01	19.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.99	18.96	19.00	19.9



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.09		
100	PI/2 BPSK	1	137		18.82		19.2
100	PI/2 BPSK	1	271		18.89		
100	PI/2 BPSK	135	0		18.89		
100	PI/2 BPSK	135	69		18.90		19.2
100	PI/2 BPSK	135	138		18.86		19.2
100	PI/2 BPSK	270	0		18.95		
100	QPSK	1	1		19.06		
100	QPSK	1	137		18.80		19.2
100	QPSK	1	271		18.88		
100	QPSK	135	0		18.88		
100	QPSK	135	69		18.88		19.2
100	QPSK	135	138		18.81		19.2
100	QPSK	270	0		18.93		
100	16QAM	1	1		18.81		
100	64QAM	1	1		18.85		19.2
100	256QAM	1	1		18.86		19.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.97	18.98	19.01	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.96	18.97	18.96	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.03	19.01	18.97	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.02	18.96	19.06	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.01	19.01	19.06	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.99	19.01	18.98	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.03	19.02	19.04	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.96	18.98	19.02	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.97	18.98	19.01	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.02	19.04	19.01	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.99	18.96	19.00	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		23.2
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.27		
100	PI/2 BPSK	1	137		21.99		23.2
100	PI/2 BPSK	1	271		21.96		
100	PI/2 BPSK	135	0		22.00		
100	PI/2 BPSK	135	69		21.97		23.2
100	PI/2 BPSK	135	138		21.97		
100	PI/2 BPSK	270	0		22.01		
100	QPSK	1	1		21.93		23.2
100	QPSK	1	137		21.98		
100	QPSK	1	271		21.99		
100	QPSK	135	0		22.04		23.2
100	QPSK	135	69		22.02		
100	QPSK	135	138		22.02		
100	QPSK	270	0		21.99		23.2
100	16QAM	1	1		21.91		
100	64QAM	1	1		22.22		
100	256QAM	1	1		20.81		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.21	22.12	22.17	23.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.16	22.20	22.23	23.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.18	22.14	22.19	23.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.15	22.16	22.14	23.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.21	22.20	22.12	23.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.19	22.21	22.17	23.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.19	22.14	22.20	23.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.25	22.15	22.26	23.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.16	22.23	22.15	23.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.09	22.20	22.10	23.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.16	22.18	22.13	23.2



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.27		23.9
100	PI/2 BPSK	1	137		21.99		
100	PI/2 BPSK	1	271		21.96		
100	PI/2 BPSK	135	0		22.00		23.9
100	PI/2 BPSK	135	69		21.97		23.9
100	PI/2 BPSK	135	138		21.97		23.9
100	PI/2 BPSK	270	0		22.01		
100	QPSK	1	1		21.93		23.9
100	QPSK	1	137		21.98		
100	QPSK	1	271		21.99		
100	QPSK	135	0		22.04		23.9
100	QPSK	135	69		22.02		23.9
100	QPSK	135	138		22.02		23.9
100	QPSK	270	0		21.99		
100	16QAM	1	1		21.91		23.9
100	64QAM	1	1		22.22		23.7
100	256QAM	1	1		20.81		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.21	22.12	22.17	23.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.16	22.20	22.23	23.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.18	22.14	22.19	23.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.15	22.16	22.14	23.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.21	22.20	22.12	23.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.19	22.21	22.17	23.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.19	22.14	22.20	23.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.25	22.15	22.26	23.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.16	22.23	22.15	23.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.09	22.20	22.10	23.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.16	22.18	22.13	23.9



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.27		23.2
100	PI/2 BPSK	1	137		21.99		
100	PI/2 BPSK	1	271		21.96		
100	PI/2 BPSK	135	0		22.00		23.2
100	PI/2 BPSK	135	69		21.97		23.2
100	PI/2 BPSK	135	138		21.97		23.2
100	PI/2 BPSK	270	0		22.01		
100	QPSK	1	1		21.93		23.2
100	QPSK	1	137		21.98		
100	QPSK	1	271		21.99		
100	QPSK	135	0		22.04		23.2
100	QPSK	135	69		22.02		23.2
100	QPSK	135	138		22.02		23.2
100	QPSK	270	0		21.99		
100	16QAM	1	1		21.91		23.2
100	64QAM	1	1		22.22		23.2
100	256QAM	1	1		20.81		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.21	22.12	22.17	23.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.16	22.20	22.23	23.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.18	22.14	22.19	23.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.15	22.16	22.14	23.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.21	22.20	22.12	23.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.19	22.21	22.17	23.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.19	22.14	22.20	23.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.25	22.15	22.26	23.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.16	22.23	22.15	23.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.09	22.20	22.10	23.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.16	22.18	22.13	23.2



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.90		22.6
100	PI/2 BPSK	1	137		21.74		
100	PI/2 BPSK	1	271		21.87		
100	PI/2 BPSK	135	0		21.57		22.6
100	PI/2 BPSK	135	69		21.62		22.6
100	PI/2 BPSK	135	138		21.56		22.6
100	PI/2 BPSK	270	0		21.68		
100	QPSK	1	1		21.82		22.6
100	QPSK	1	137		21.70		
100	QPSK	1	271		21.86		
100	QPSK	135	0		21.48		22.6
100	QPSK	135	69		21.60		22.6
100	QPSK	135	138		21.49		22.6
100	QPSK	270	0		21.59		
100	16QAM	1	1		21.69		22.6
100	64QAM	1	1		21.73		22.6
100	256QAM	1	1		20.71		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.83	21.88	21.88	22.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.85	21.85	21.86	22.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.87	21.81	21.80	22.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.86	21.84	21.85	22.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.86	21.85	21.86	22.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.87	21.87	21.88	22.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.87	21.88	21.89	22.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.88	21.86	21.89	22.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.86	21.85	21.85	22.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.87	21.86	21.86	22.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.83	21.84	21.85	22.6



<FR1 n77_HPUE_Ant 5_Index 3> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.90		21.9
100	PI/2 BPSK	1	137		21.74		
100	PI/2 BPSK	1	271		21.87		
100	PI/2 BPSK	135	0		21.57		21.9
100	PI/2 BPSK	135	69		21.62		21.9
100	PI/2 BPSK	135	138		21.56		21.9
100	PI/2 BPSK	270	0		21.68		
100	QPSK	1	1		21.82		21.9
100	QPSK	1	137		21.70		
100	QPSK	1	271		21.86		
100	QPSK	135	0		21.48		21.9
100	QPSK	135	69		21.60		21.9
100	QPSK	135	138		21.49		21.9
100	QPSK	270	0		21.59		
100	16QAM	1	1		21.69		21.9
100	64QAM	1	1		21.73		21.9
100	256QAM	1	1		20.71		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.83	21.88	21.88	21.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.85	21.85	21.86	21.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.87	21.81	21.80	21.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.86	21.84	21.85	21.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.86	21.85	21.86	21.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.87	21.87	21.88	21.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.87	21.88	21.89	21.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.88	21.86	21.89	21.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.86	21.85	21.85	21.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.87	21.86	21.86	21.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.83	21.84	21.85	21.9



<FR1 n77_HPUE_Ant 5_Index 4> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.23		26.2
100	PI/2 BPSK	1	137		24.75		
100	PI/2 BPSK	1	271		24.64		
100	PI/2 BPSK	135	0		24.46		25.7
100	PI/2 BPSK	135	69		24.80		26.2
100	PI/2 BPSK	135	138		24.14		25.7
100	PI/2 BPSK	270	0		24.35		
100	QPSK	1	1		25.22		26.2
100	QPSK	1	137		24.79		
100	QPSK	1	271		24.66		
100	QPSK	135	0		24.08		25.2
100	QPSK	135	69		24.81		26.2
100	QPSK	135	138		24.05		25.2
100	QPSK	270	0		23.84		
100	16QAM	1	1		24.31		25.2
100	64QAM	1	1		22.67		23.7
100	256QAM	1	1		20.74		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.21	25.17	25.21	26.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.15	25.20	25.16	26.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.15	25.16	25.21	26.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.19	25.18	25.15	26.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.16	25.13	25.18	26.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.20	25.16	25.15	26.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.15	25.14	25.16	26.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.21	25.20	25.17	26.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.19	25.18	25.15	26.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.20	25.18	25.21	26.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.16	25.18	25.19	26.2



<FR1 n77_HPUE_Ant 5_Index 5> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.23		26.2
100	PI/2 BPSK	1	137		24.75		
100	PI/2 BPSK	1	271		24.64		
100	PI/2 BPSK	135	0		24.46		25.7
100	PI/2 BPSK	135	69		24.80		26.2
100	PI/2 BPSK	135	138		24.14		25.7
100	PI/2 BPSK	270	0		24.35		
100	QPSK	1	1		25.22		26.2
100	QPSK	1	137		24.79		
100	QPSK	1	271		24.66		
100	QPSK	135	0		24.08		25.2
100	QPSK	135	69		24.81		26.2
100	QPSK	135	138		24.05		25.2
100	QPSK	270	0		23.84		
100	16QAM	1	1		24.31		25.2
100	64QAM	1	1		22.67		23.7
100	256QAM	1	1		20.74		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.21	25.17	25.21	26.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.15	25.20	25.16	26.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.15	25.16	25.21	26.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.19	25.18	25.15	26.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.16	25.13	25.18	26.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.20	25.16	25.15	26.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.15	25.14	25.16	26.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.21	25.20	25.17	26.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.19	25.18	25.15	26.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.20	25.18	25.21	26.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.16	25.18	25.19	26.2



<FR1 n77_HPUE_Ant 5_Index 6> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		26.2
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.23		
100	PI/2 BPSK	1	137		24.75		25.7
100	PI/2 BPSK	1	271		24.64		
100	PI/2 BPSK	135	0		24.46		
100	PI/2 BPSK	135	69		24.80		25.7
100	PI/2 BPSK	135	138		24.14		
100	PI/2 BPSK	270	0		24.35		
100	QPSK	1	1		25.22		26.2
100	QPSK	1	137		24.79		
100	QPSK	1	271		24.66		
100	QPSK	135	0		24.08		25.2
100	QPSK	135	69		24.81		
100	QPSK	135	138		24.05		
100	QPSK	270	0		23.84		23.7
100	16QAM	1	1		24.31		
100	64QAM	1	1		22.67		
100	256QAM	1	1		20.74		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.21	25.17	25.21	26.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.15	25.20	25.16	26.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.15	25.16	25.21	26.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.19	25.18	25.15	26.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.16	25.13	25.18	26.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.20	25.16	25.15	26.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.15	25.14	25.16	26.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.21	25.20	25.17	26.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.19	25.18	25.15	26.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.20	25.18	25.21	26.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.16	25.18	25.19	26.2



<FR1 n77_HPUE_Ant 6_Index 2> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.24		27.1
100	PI/2 BPSK	1	137		25.83		
100	PI/2 BPSK	1	271		26.14		
100	PI/2 BPSK	135	0		25.46		26.6
100	PI/2 BPSK	135	69		25.93		27.1
100	PI/2 BPSK	135	138		25.48		26.6
100	PI/2 BPSK	270	0		25.51		
100	QPSK	1	1		26.22		27.1
100	QPSK	1	137		25.89		
100	QPSK	1	271		26.18		
100	QPSK	135	0		24.99		26.1
100	QPSK	135	69		25.93		27.1
100	QPSK	135	138		24.98		26.1
100	QPSK	270	0		25.00		
100	16QAM	1	1		25.35		26.1
100	64QAM	1	1		23.73		24.6
100	256QAM	1	1		21.49		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.21	26.15	26.21	27.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.22	26.20	26.15	27.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.15	26.22	26.19	27.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.20	26.17	26.21	27.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.20	26.22	26.23	27.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.21	26.14	26.14	27.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.20	26.15	26.22	27.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.23	26.18	26.21	27.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.21	26.20	26.14	27.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.16	26.15	26.19	27.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.22	26.19	26.20	27.1



<FR1 n77_HPUE_Ant 6_Index 3> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.24		27.1
100	PI/2 BPSK	1	137		25.83		
100	PI/2 BPSK	1	271		26.14		
100	PI/2 BPSK	135	0		25.46		26.6
100	PI/2 BPSK	135	69		25.93		27.1
100	PI/2 BPSK	135	138		25.48		26.6
100	PI/2 BPSK	270	0		25.51		
100	QPSK	1	1		26.22		27.1
100	QPSK	1	137		25.89		
100	QPSK	1	271		26.18		
100	QPSK	135	0		24.99		26.1
100	QPSK	135	69		25.93		27.1
100	QPSK	135	138		24.98		26.1
100	QPSK	270	0		25.00		
100	16QAM	1	1		25.35		26.1
100	64QAM	1	1		23.73		24.6
100	256QAM	1	1		21.49		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.21	26.15	26.21	27.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.22	26.20	26.15	27.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.15	26.22	26.19	27.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.20	26.17	26.21	27.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.20	26.22	26.23	27.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.21	26.14	26.14	27.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.20	26.15	26.22	27.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.23	26.18	26.21	27.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.21	26.20	26.14	27.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.16	26.15	26.19	27.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.22	26.19	26.20	27.1



<FR1 n77_HPUE_Ant 6_Index 4> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.94		22.5
100	PI/2 BPSK	1	137		21.92		
100	PI/2 BPSK	1	271		21.88		
100	PI/2 BPSK	135	0		21.86		22.5
100	PI/2 BPSK	135	69		22.15		22.5
100	PI/2 BPSK	135	138		22.06		22.5
100	PI/2 BPSK	270	0		22.07		
100	QPSK	1	1		21.94		22.5
100	QPSK	1	137		21.84		
100	QPSK	1	271		21.85		
100	QPSK	135	0		21.77		22.5
100	QPSK	135	69		22.14		22.5
100	QPSK	135	138		21.98		22.5
100	QPSK	270	0		21.99		
100	16QAM	1	1		21.86		22.5
100	64QAM	1	1		21.84		22.5
100	256QAM	1	1		21.54		22.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.90	21.88	21.89	22.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.93	21.91	21.94	22.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.89	21.92	21.87	22.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.86	21.86	21.87	22.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.93	21.92	21.92	22.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.94	21.86	21.85	22.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.84	21.87	21.87	22.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.84	21.94	21.91	22.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.88	21.92	21.88	22.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.94	21.87	21.91	22.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.93	21.86	21.92	22.5



<FR1 n77_HPUE_Ant 6_Index 5> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.94		23.2
100	PI/2 BPSK	1	137		21.92		
100	PI/2 BPSK	1	271		21.88		
100	PI/2 BPSK	135	0		21.86		23.2
100	PI/2 BPSK	135	69		22.15		23.2
100	PI/2 BPSK	135	138		22.06		23.2
100	PI/2 BPSK	270	0		22.07		
100	QPSK	1	1		21.94		23.2
100	QPSK	1	137		21.84		
100	QPSK	1	271		21.85		
100	QPSK	135	0		21.77		23.2
100	QPSK	135	69		22.14		23.2
100	QPSK	135	138		21.98		23.2
100	QPSK	270	0		21.99		
100	16QAM	1	1		21.86		23.2
100	64QAM	1	1		21.84		23.2
100	256QAM	1	1		21.54		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.90	21.88	21.89	23.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.93	21.91	21.94	23.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.89	21.92	21.87	23.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.86	21.86	21.87	23.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.93	21.92	21.92	23.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.94	21.86	21.85	23.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.84	21.87	21.87	23.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.84	21.94	21.91	23.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.88	21.92	21.88	23.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.94	21.87	21.91	23.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.93	21.86	21.92	23.2



<FR1 n77_HPUE_Ant 6_Index 6> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.94		22.5
100	PI/2 BPSK	1	137		21.92		
100	PI/2 BPSK	1	271		21.88		
100	PI/2 BPSK	135	0		21.86		22.5
100	PI/2 BPSK	135	69		22.15		22.5
100	PI/2 BPSK	135	138		22.06		22.5
100	PI/2 BPSK	270	0		22.07		
100	QPSK	1	1		21.94		22.5
100	QPSK	1	137		21.84		
100	QPSK	1	271		21.85		
100	QPSK	135	0		21.77		22.5
100	QPSK	135	69		22.14		22.5
100	QPSK	135	138		21.98		22.5
100	QPSK	270	0		21.99		
100	16QAM	1	1		21.86		22.5
100	64QAM	1	1		21.84		22.5
100	256QAM	1	1		21.54		22.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.90	21.88	21.89	22.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.93	21.91	21.94	22.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.89	21.92	21.87	22.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.86	21.86	21.87	22.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.93	21.92	21.92	22.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.94	21.86	21.85	22.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.84	21.87	21.87	22.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.84	21.94	21.91	22.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.88	21.92	21.88	22.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.94	21.87	21.91	22.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.93	21.86	21.92	22.5



<FR1 n77_HPUE_Ant 7_Index 2> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.30		26.5
100	PI/2 BPSK	1	137		25.59		
100	PI/2 BPSK	1	271		25.35		
100	PI/2 BPSK	135	0		24.95		26.0
100	PI/2 BPSK	135	69		25.55		26.5
100	PI/2 BPSK	135	138		24.95		26.0
100	PI/2 BPSK	270	0		24.97		
100	QPSK	1	1		25.25		26.5
100	QPSK	1	137		25.54		
100	QPSK	1	271		25.34		
100	QPSK	135	0		24.44		25.5
100	QPSK	135	69		25.54		26.5
100	QPSK	135	138		24.40		25.5
100	QPSK	270	0		24.47		
100	16QAM	1	1		24.33		25.5
100	64QAM	1	1		22.81		24.0
100	256QAM	1	1		21.11		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.26	25.29	25.24	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.15	25.19	25.18	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.15	25.17	25.19	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.20	25.17	25.12	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.15	25.23	25.15	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.19	25.24	25.19	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.17	25.20	25.17	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.15	25.22	25.17	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.17	25.24	25.13	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.21	25.17	25.15	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.20	25.23	25.16	26.5



<FR1 n77_HPUE_Ant 7_Index 3> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.30		26.5
100	PI/2 BPSK	1	137		25.59		
100	PI/2 BPSK	1	271		25.35		
100	PI/2 BPSK	135	0		24.95		26.0
100	PI/2 BPSK	135	69		25.55		26.5
100	PI/2 BPSK	135	138		24.95		26.0
100	PI/2 BPSK	270	0		24.97		
100	QPSK	1	1		25.25		26.5
100	QPSK	1	137		25.54		
100	QPSK	1	271		25.34		
100	QPSK	135	0		24.44		25.5
100	QPSK	135	69		25.54		26.5
100	QPSK	135	138		24.40		25.5
100	QPSK	270	0		24.47		
100	16QAM	1	1		24.33		25.5
100	64QAM	1	1		22.81		24.0
100	256QAM	1	1		21.11		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.26	25.29	25.24	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.15	25.19	25.18	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.15	25.17	25.19	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.20	25.17	25.12	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.15	25.23	25.15	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.19	25.24	25.19	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.17	25.20	25.17	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.15	25.22	25.17	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.17	25.24	25.13	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.21	25.17	25.15	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.20	25.23	25.16	26.5



<FR1 n77_HPUE_Ant 7_Index 4> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.04		24.1
100	PI/2 BPSK	1	137		23.04		
100	PI/2 BPSK	1	271		22.97		
100	PI/2 BPSK	135	0		23.27		24.1
100	PI/2 BPSK	135	69		23.31		24.1
100	PI/2 BPSK	135	138		23.22		24.1
100	PI/2 BPSK	270	0		23.22		
100	QPSK	1	1		22.98		24.1
100	QPSK	1	137		23.03		
100	QPSK	1	271		22.97		
100	QPSK	135	0		23.17		24.1
100	QPSK	135	69		23.23		24.1
100	QPSK	135	138		23.16		24.1
100	QPSK	270	0		23.15		
100	16QAM	1	1		22.94		24.1
100	64QAM	1	1		22.79		24.0
100	256QAM	1	1		21.18		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.98	22.95	22.97	24.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.02	22.96	22.98	24.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.03	23.01	22.99	24.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.97	23.00	22.96	24.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.97	22.99	22.98	24.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.02	22.99	22.95	24.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.94	23.03	22.99	24.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.94	23.00	22.98	24.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.94	22.95	22.97	24.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.94	23.00	23.01	24.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.99	23.03	22.98	24.1



<FR1 n77_HPUE_Ant 7_Index 5> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.04		
100	PI/2 BPSK	1	137		23.04		24.8
100	PI/2 BPSK	1	271		22.97		
100	PI/2 BPSK	135	0		23.27		
100	PI/2 BPSK	135	69		23.31		24.8
100	PI/2 BPSK	135	138		23.22		24.8
100	PI/2 BPSK	270	0		23.22		
100	QPSK	1	1		22.98		
100	QPSK	1	137		23.03		24.8
100	QPSK	1	271		22.97		
100	QPSK	135	0		23.17		
100	QPSK	135	69		23.23		24.8
100	QPSK	135	138		23.16		24.8
100	QPSK	270	0		23.15		
100	16QAM	1	1		22.94		
100	64QAM	1	1		22.79		24.0
100	256QAM	1	1		21.18		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.98	22.95	22.97	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.02	22.96	22.98	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.03	23.01	22.99	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.97	23.00	22.96	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.97	22.99	22.98	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.02	22.99	22.95	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.94	23.03	22.99	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.94	23.00	22.98	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.94	22.95	22.97	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.94	23.00	23.01	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.99	23.03	22.98	



<FR1 n77_HPUE_Ant 7_Index 6> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.04		24.1
100	PI/2 BPSK	1	137		23.04		
100	PI/2 BPSK	1	271		22.97		
100	PI/2 BPSK	135	0		23.27		24.1
100	PI/2 BPSK	135	69		23.31		24.1
100	PI/2 BPSK	135	138		23.22		24.1
100	PI/2 BPSK	270	0		23.22		
100	QPSK	1	1		22.98		24.1
100	QPSK	1	137		23.03		
100	QPSK	1	271		22.97		
100	QPSK	135	0		23.17		24.1
100	QPSK	135	69		23.23		24.1
100	QPSK	135	138		23.16		24.1
100	QPSK	270	0		23.15		
100	16QAM	1	1		22.94		24.1
100	64QAM	1	1		22.79		24.0
100	256QAM	1	1		21.18		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.98	22.95	22.97	24.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.02	22.96	22.98	24.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.03	23.01	22.99	24.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.97	23.00	22.96	24.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.97	22.99	22.98	24.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.02	22.99	22.95	24.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.94	23.03	22.99	24.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.94	23.00	22.98	24.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.94	22.95	22.97	24.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.94	23.00	23.01	24.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.99	23.03	22.98	24.1



<FR1 n78_Ant 1_Index 2> Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.06		16.7
100	PI/2 BPSK	1	137		15.96		
100	PI/2 BPSK	1	271		15.99		
100	PI/2 BPSK	135	0		15.91		16.7
100	PI/2 BPSK	135	69		15.92		16.7
100	PI/2 BPSK	135	138		15.89		16.7
100	PI/2 BPSK	270	0		15.97		
100	QPSK	1	1		15.81		16.7
100	QPSK	1	137		15.78		
100	QPSK	1	271		15.70		
100	QPSK	135	0		15.84		16.7
100	QPSK	135	69		15.80		16.7
100	QPSK	135	138		15.88		16.7
100	QPSK	270	0		15.78		
100	16QAM	1	1		15.78		16.7
100	64QAM	1	1		15.89		16.7
100	256QAM	1	1		15.85		16.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	15.91	15.87	15.90	16.7
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	15.85	15.82	15.89	16.7
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	15.88	15.89	15.82	16.7
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	15.87	15.83	15.85	16.7
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.92	15.91	15.84	16.7
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	15.85	15.88	15.84	16.7
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	15.84	15.88	15.92	16.7
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	15.85	15.84	15.92	16.7
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.88	15.91	15.89	16.7
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.83	15.90	15.90	16.7
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.86	15.82	15.81	16.7



<FR1 n78_Ant 1_Index 3> Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		16.0
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.06		
100	PI/2 BPSK	1	137		15.96		16.0
100	PI/2 BPSK	1	271		15.99		
100	PI/2 BPSK	135	0		15.91		
100	PI/2 BPSK	135	69		15.92		16.0
100	PI/2 BPSK	135	138		15.89		16.0
100	PI/2 BPSK	270	0		15.97		
100	QPSK	1	1		15.81		
100	QPSK	1	137		15.78		16.0
100	QPSK	1	271		15.70		
100	QPSK	135	0		15.84		
100	QPSK	135	69		15.80		16.0
100	QPSK	135	138		15.88		16.0
100	QPSK	270	0		15.78		
100	16QAM	1	1		15.78		
100	64QAM	1	1		15.89		16.0
100	256QAM	1	1		15.85		16.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	15.91	15.87	15.90	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	15.85	15.82	15.89	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	15.88	15.89	15.82	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	15.87	15.83	15.85	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.92	15.91	15.84	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	15.85	15.88	15.84	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	15.84	15.88	15.92	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	15.85	15.84	15.92	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.88	15.91	15.89	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.83	15.90	15.90	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.86	15.82	15.81	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.94		21.0
100	PI/2 BPSK	1	137		20.80		
100	PI/2 BPSK	1	271		20.79		
100	PI/2 BPSK	135	0		20.67		21.0
100	PI/2 BPSK	135	69		20.66		21.0
100	PI/2 BPSK	135	138		20.62		21.0
100	PI/2 BPSK	270	0		20.68		
100	QPSK	1	1		20.83		21.0
100	QPSK	1	137		20.88		
100	QPSK	1	271		20.86		
100	QPSK	135	0		20.82		21.0
100	QPSK	135	69		20.85		21.0
100	QPSK	135	138		20.85		21.0
100	QPSK	270	0		20.90		
100	16QAM	1	1		20.87		21.0
100	64QAM	1	1		20.93		21.0
100	256QAM	1	1		19.58		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.84	20.87	20.88	21.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.90	20.89	20.90	21.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.89	20.90	20.89	21.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.80	20.84	20.89	21.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.83	20.83	20.90	21.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.87	20.80	20.83	21.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.84	20.88	20.87	21.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	20.83	20.87	20.81	21.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.85	20.80	20.89	21.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.90	20.85	20.87	21.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.90	20.86	20.82	21.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.07		
100	PI/2 BPSK	1	137		22.02		23.0
100	PI/2 BPSK	1	271		21.93		
100	PI/2 BPSK	135	0		21.84		
100	PI/2 BPSK	135	69		21.87		23.0
100	PI/2 BPSK	135	138		21.82		23.0
100	PI/2 BPSK	270	0		21.94		
100	QPSK	1	1		22.03		
100	QPSK	1	137		21.93		23.0
100	QPSK	1	271		21.88		
100	QPSK	135	0		21.79		
100	QPSK	135	69		21.83		23.0
100	QPSK	135	138		21.78		23.0
100	QPSK	270	0		21.86		
100	16QAM	1	1		22.02		
100	64QAM	1	1		21.41		22.5
100	256QAM	1	1		19.51		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.00	22.02	22.03	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.00	22.03	22.02	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.04	22.06	22.05	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.01	22.03	22.06	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.02	22.01	22.00	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.02	22.04	22.01	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.97	22.03	22.02	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	22.02	22.06	22.04	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.97	21.98	21.99	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.01	21.97	21.99	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.98	22.02	22.02	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.07		
100	PI/2 BPSK	1	137		22.02		22.3
100	PI/2 BPSK	1	271		21.93		
100	PI/2 BPSK	135	0		21.84		
100	PI/2 BPSK	135	69		21.87		22.3
100	PI/2 BPSK	135	138		21.82		22.3
100	PI/2 BPSK	270	0		21.94		
100	QPSK	1	1		22.03		
100	QPSK	1	137		21.93		22.3
100	QPSK	1	271		21.88		
100	QPSK	135	0		21.79		
100	QPSK	135	69		21.83		22.3
100	QPSK	135	138		21.78		22.3
100	QPSK	270	0		21.86		
100	16QAM	1	1		22.02		
100	64QAM	1	1		21.41		22.3
100	256QAM	1	1		19.51		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.00	22.02	22.03	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.00	22.03	22.02	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.04	22.06	22.05	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.01	22.03	22.06	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.02	22.01	22.00	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.02	22.04	22.01	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.97	22.03	22.02	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	22.02	22.06	22.04	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.97	21.98	21.99	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.01	21.97	21.99	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.98	22.02	22.02	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.70		19.4
100	PI/2 BPSK	1	137		18.66		
100	PI/2 BPSK	1	271		18.61		
100	PI/2 BPSK	135	0		18.34		19.4
100	PI/2 BPSK	135	69		18.45		19.4
100	PI/2 BPSK	135	138		18.35		19.4
100	PI/2 BPSK	270	0		18.43		
100	QPSK	1	1		18.59		19.4
100	QPSK	1	137		18.52		
100	QPSK	1	271		18.56		
100	QPSK	135	0		18.28		19.4
100	QPSK	135	69		18.39		19.4
100	QPSK	135	138		18.25		19.4
100	QPSK	270	0		18.43		
100	16QAM	1	1		18.58		19.4
100	64QAM	1	1		18.56		19.4
100	256QAM	1	1		18.33		19.4
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.65	18.68	18.66	19.4
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.67	18.68	18.62	19.4
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.63	18.61	18.63	19.4
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.61	18.63	18.64	19.4
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.65	18.66	18.60	19.4
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.60	18.67	18.63	19.4
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.61	18.69	18.69	19.4
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	18.63	18.69	18.66	19.4
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.66	18.59	18.65	19.4
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.68	18.67	18.69	19.4
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.61	18.66	18.64	19.4



<FR1 n78_Ant 5_Index 3> Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.70		18.7
100	PI/2 BPSK	1	137		18.66		
100	PI/2 BPSK	1	271		18.61		
100	PI/2 BPSK	135	0		18.34		18.7
100	PI/2 BPSK	135	69		18.45		18.7
100	PI/2 BPSK	135	138		18.35		18.7
100	PI/2 BPSK	270	0		18.43		
100	QPSK	1	1		18.59		18.7
100	QPSK	1	137		18.52		
100	QPSK	1	271		18.56		
100	QPSK	135	0		18.28		18.7
100	QPSK	135	69		18.39		18.7
100	QPSK	135	138		18.25		18.7
100	QPSK	270	0		18.43		
100	16QAM	1	1		18.58		18.7
100	64QAM	1	1		18.56		18.7
100	256QAM	1	1		18.33		18.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.65	18.68	18.66	18.7
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.67	18.68	18.62	18.7
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.63	18.61	18.63	18.7
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.61	18.63	18.64	18.7
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.65	18.66	18.60	18.7
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.60	18.67	18.63	18.7
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.61	18.69	18.69	18.7
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	18.63	18.69	18.66	18.7
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.66	18.59	18.65	18.7
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.68	18.67	18.69	18.7
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.61	18.66	18.64	18.7



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		24.5
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.01		
100	PI/2 BPSK	1	137		23.33		24.5
100	PI/2 BPSK	1	271		23.48		
100	PI/2 BPSK	135	0		23.09		
100	PI/2 BPSK	135	69		23.41		24.5
100	PI/2 BPSK	135	138		22.86		24.5
100	PI/2 BPSK	270	0		22.98		
100	QPSK	1	1		23.97		
100	QPSK	1	137		23.09		24.5
100	QPSK	1	271		23.53		
100	QPSK	135	0		23.01		
100	QPSK	135	69		23.41		24.5
100	QPSK	135	138		23.06		24.0
100	QPSK	270	0		22.48		
100	16QAM	1	1		23.00		
100	64QAM	1	1		21.37		22.5
100	256QAM	1	1		19.44		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.93	23.91	23.92	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.95	23.97	23.96	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.00	24.00	23.94	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.96	23.95	23.94	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.91	23.93	23.94	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.93	23.97	23.98	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.98	23.92	24.00	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.96	23.93	23.95	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.99	24.00	23.99	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.95	23.95	23.97	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.94	24.00	23.92	



<FR1 n78_Ant 5_Index 5> Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.01		
100	PI/2 BPSK	1	137		23.33		25.0
100	PI/2 BPSK	1	271		23.48		
100	PI/2 BPSK	135	0		23.09		
100	PI/2 BPSK	135	69		23.41		24.5
100	PI/2 BPSK	135	138		22.86		25.0
100	PI/2 BPSK	270	0		22.98		
100	QPSK	1	1		23.97		
100	QPSK	1	137		23.09		25.0
100	QPSK	1	271		23.53		
100	QPSK	135	0		23.01		
100	QPSK	135	69		23.41		24.0
100	QPSK	135	138		23.06		25.0
100	QPSK	270	0		22.48		
100	16QAM	1	1		23.00		
100	64QAM	1	1		21.37		24.0
100	256QAM	1	1		19.44		22.5
Channel				649668	650000	650332	20.5
Frequency (MHz)				3745.02	3750	3754.98	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	23.93	23.91	23.92	25.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.95	23.97	23.96	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.00	24.00	23.94	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.96	23.95	23.94	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.91	23.93	23.94	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.93	23.97	23.98	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.98	23.92	24.00	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.96	23.93	23.95	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.99	24.00	23.99	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.95	23.95	23.97	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.94	24.00	23.92	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.01		24.5
100	PI/2 BPSK	1	137		23.33		
100	PI/2 BPSK	1	271		23.48		
100	PI/2 BPSK	135	0		23.09		24.5
100	PI/2 BPSK	135	69		23.41		24.5
100	PI/2 BPSK	135	138		22.86		24.5
100	PI/2 BPSK	270	0		22.98		
100	QPSK	1	1		23.97		24.5
100	QPSK	1	137		23.09		
100	QPSK	1	271		23.53		
100	QPSK	135	0		23.01		24.0
100	QPSK	135	69		23.41		24.5
100	QPSK	135	138		23.06		24.0
100	QPSK	270	0		22.48		
100	16QAM	1	1		23.00		24.0
100	64QAM	1	1		21.37		22.5
100	256QAM	1	1		19.44		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.93	23.91	23.92	24.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.95	23.97	23.96	24.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.00	24.00	23.94	24.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.96	23.95	23.94	24.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.91	23.93	23.94	24.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.93	23.97	23.98	24.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.98	23.92	24.00	24.5
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.96	23.93	23.95	24.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.99	24.00	23.99	24.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.95	23.95	23.97	24.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.94	24.00	23.92	24.5



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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.12		
100	PI/2 BPSK	1	137		23.76		25.0
100	PI/2 BPSK	1	271		24.11		
100	PI/2 BPSK	135	0		23.39		
100	PI/2 BPSK	135	69		23.82		24.5
100	PI/2 BPSK	135	138		23.39		25.0
100	PI/2 BPSK	270	0		23.37		
100	QPSK	1	1		24.11		
100	QPSK	1	137		23.78		25.0
100	QPSK	1	271		24.10		
100	QPSK	135	0		22.89		
100	QPSK	135	69		23.83		24.0
100	QPSK	135	138		22.90		25.0
100	QPSK	270	0		22.90		
100	16QAM	1	1		23.17		
100	64QAM	1	1		21.54		24.0
100	256QAM	1	1		19.62		22.5
Channel				649668	650000	650332	20.5
Frequency (MHz)				3745.02	3750	3754.98	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	24.10	24.08	24.03	25.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.05	24.04	24.07	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.06	24.10	24.09	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.05	24.06	24.11	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.02	24.02	24.06	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.06	24.10	24.02	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.02	24.11	24.07	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.02	24.05	24.11	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.06	24.11	24.09	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.05	24.04	24.03	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.06	24.11	24.10	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.12		25.0
100	PI/2 BPSK	1	137		23.76		
100	PI/2 BPSK	1	271		24.11		
100	PI/2 BPSK	135	0		23.39		24.5
100	PI/2 BPSK	135	69		23.82		25.0
100	PI/2 BPSK	135	138		23.39		24.5
100	PI/2 BPSK	270	0		23.37		
100	QPSK	1	1		24.11		25.0
100	QPSK	1	137		23.78		
100	QPSK	1	271		24.10		
100	QPSK	135	0		22.89		24.0
100	QPSK	135	69		23.83		25.0
100	QPSK	135	138		22.90		24.0
100	QPSK	270	0		22.90		
100	16QAM	1	1		23.17		24.0
100	64QAM	1	1		21.54		22.5
100	256QAM	1	1		19.62		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.10	24.08	24.03	25.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.05	24.04	24.07	25.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.06	24.10	24.09	25.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.05	24.06	24.11	25.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.02	24.02	24.06	25.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.06	24.10	24.02	25.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.02	24.11	24.07	25.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.02	24.05	24.11	25.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.06	24.11	24.09	25.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.05	24.04	24.03	25.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.06	24.11	24.10	25.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.89		20.4
100	PI/2 BPSK	1	137		19.79		
100	PI/2 BPSK	1	271		19.76		
100	PI/2 BPSK	135	0		19.83		20.4
100	PI/2 BPSK	135	69		20.10		20.4
100	PI/2 BPSK	135	138		19.83		20.4
100	PI/2 BPSK	270	0		19.96		
100	QPSK	1	1		19.75		20.4
100	QPSK	1	137		19.74		
100	QPSK	1	271		19.79		
100	QPSK	135	0		19.71		20.4
100	QPSK	135	69		19.99		20.4
100	QPSK	135	138		19.75		20.4
100	QPSK	270	0		19.89		
100	16QAM	1	1		19.83		20.4
100	64QAM	1	1		19.79		20.4
100	256QAM	1	1		19.21		20.4
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.86	19.88	19.89	20.4
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.82	19.84	19.82	20.4
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.84	19.80	19.88	20.4
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.82	19.86	19.89	20.4
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.82	19.80	19.79	20.4
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.81	19.89	19.85	20.4
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	19.81	19.88	19.86	20.4
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	19.82	19.82	19.85	20.4
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.81	19.85	19.85	20.4
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.87	19.83	19.80	20.4
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.84	19.79	19.85	20.4



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.89		21.1
100	PI/2 BPSK	1	137		19.79		
100	PI/2 BPSK	1	271		19.76		
100	PI/2 BPSK	135	0		19.83		21.1
100	PI/2 BPSK	135	69		20.10		21.1
100	PI/2 BPSK	135	138		19.83		21.1
100	PI/2 BPSK	270	0		19.96		
100	QPSK	1	1		19.75		21.1
100	QPSK	1	137		19.74		
100	QPSK	1	271		19.79		
100	QPSK	135	0		19.71		21.1
100	QPSK	135	69		19.99		21.1
100	QPSK	135	138		19.75		21.1
100	QPSK	270	0		19.89		
100	16QAM	1	1		19.83		21.1
100	64QAM	1	1		19.79		21.1
100	256QAM	1	1		19.21		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.86	19.88	19.89	21.1
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.82	19.84	19.82	21.1
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.84	19.80	19.88	21.1
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.82	19.86	19.89	21.1
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.82	19.80	19.79	21.1
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.81	19.89	19.85	21.1
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	19.81	19.88	19.86	21.1
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	19.82	19.82	19.85	21.1
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.81	19.85	19.85	21.1
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.87	19.83	19.80	21.1
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.84	19.79	19.85	21.1



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.89		20.4
100	PI/2 BPSK	1	137		19.79		
100	PI/2 BPSK	1	271		19.76		
100	PI/2 BPSK	135	0		19.83		20.4
100	PI/2 BPSK	135	69		20.10		20.4
100	PI/2 BPSK	135	138		19.83		20.4
100	PI/2 BPSK	270	0		19.96		
100	QPSK	1	1		19.75		20.4
100	QPSK	1	137		19.74		
100	QPSK	1	271		19.79		
100	QPSK	135	0		19.71		20.4
100	QPSK	135	69		19.99		20.4
100	QPSK	135	138		19.75		20.4
100	QPSK	270	0		19.89		
100	16QAM	1	1		19.83		20.4
100	64QAM	1	1		19.79		20.4
100	256QAM	1	1		19.21		20.4
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.86	19.88	19.89	20.4
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.82	19.84	19.82	20.4
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.84	19.80	19.88	20.4
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.82	19.86	19.89	20.4
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.82	19.80	19.79	20.4
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.81	19.89	19.85	20.4
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	19.81	19.88	19.86	20.4
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	19.82	19.82	19.85	20.4
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.81	19.85	19.85	20.4
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.87	19.83	19.80	20.4
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.84	19.79	19.85	20.4



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.35		
100	PI/2 BPSK	1	137		23.54		24.4
100	PI/2 BPSK	1	271		23.47		
100	PI/2 BPSK	135	0		22.92		
100	PI/2 BPSK	135	69		23.51		23.9
100	PI/2 BPSK	135	138		22.94		24.4
100	PI/2 BPSK	270	0		22.89		
100	QPSK	1	1		23.30		
100	QPSK	1	137		23.52		24.4
100	QPSK	1	271		23.44		
100	QPSK	135	0		22.42		
100	QPSK	135	69		23.43		23.4
100	QPSK	135	138		22.48		24.4
100	QPSK	270	0		22.43		
100	16QAM	1	1		22.31		
100	64QAM	1	1		20.85		23.4
100	256QAM	1	1		19.05		21.9
Channel				649668	650000	650332	19.9
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.25	23.28	23.26	
Channel				649334	650000	650666	24.4
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.16	23.18	23.15	
Channel				649000	650000	651000	24.4
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.19	23.20	23.19	
Channel				648668	650000	651332	24.4
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.18	23.17	23.20	
Channel				648334	650000	651666	24.4
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.16	23.21	23.16	
Channel				648000	650000	652000	24.4
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.18	23.19	23.16	
Channel				647668	650000	652332	24.4
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.20	23.21	23.14	
Channel				647500	650000	652500	24.4
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.20	23.17	23.14	
Channel				647334	650000	652666	24.4
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.14	23.23	23.16	
Channel				647168	650000	652832	24.4
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.19	23.17	23.17	
Channel				647000	650000	653000	24.4
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.16	23.23	23.20	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.35		
100	PI/2 BPSK	1	137		23.54		24.4
100	PI/2 BPSK	1	271		23.47		
100	PI/2 BPSK	135	0		22.92		
100	PI/2 BPSK	135	69		23.51		23.9
100	PI/2 BPSK	135	138		22.94		24.4
100	PI/2 BPSK	270	0		22.89		
100	QPSK	1	1		23.30		
100	QPSK	1	137		23.52		24.4
100	QPSK	1	271		23.44		
100	QPSK	135	0		22.42		
100	QPSK	135	69		23.43		23.4
100	QPSK	135	138		22.48		24.4
100	QPSK	270	0		22.43		
100	16QAM	1	1		22.31		
100	64QAM	1	1		20.85		23.4
100	256QAM	1	1		19.05		21.9
Channel				649668	650000	650332	19.9
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.25	23.28	23.26	
Channel				649334	650000	650666	24.4
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.16	23.18	23.15	
Channel				649000	650000	651000	24.4
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.19	23.20	23.19	
Channel				648668	650000	651332	24.4
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.18	23.17	23.20	
Channel				648334	650000	651666	24.4
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.16	23.21	23.16	
Channel				648000	650000	652000	24.4
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.18	23.19	23.16	
Channel				647668	650000	652332	24.4
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.20	23.21	23.14	
Channel				647500	650000	652500	24.4
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.20	23.17	23.14	
Channel				647334	650000	652666	24.4
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.14	23.23	23.16	
Channel				647168	650000	652832	24.4
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.19	23.17	23.17	
Channel				647000	650000	653000	24.4
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.16	23.23	23.20	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.08		21.8
100	PI/2 BPSK	1	137		20.99		
100	PI/2 BPSK	1	271		21.07		
100	PI/2 BPSK	135	0		21.15		21.8
100	PI/2 BPSK	135	69		21.16		21.8
100	PI/2 BPSK	135	138		21.15		21.8
100	PI/2 BPSK	270	0		21.22		
100	QPSK	1	1		21.21		21.8
100	QPSK	1	137		20.97		
100	QPSK	1	271		21.01		
100	QPSK	135	0		21.14		21.8
100	QPSK	135	69		21.18		21.8
100	QPSK	135	138		21.10		21.8
100	QPSK	270	0		21.09		
100	16QAM	1	1		20.97		21.8
100	64QAM	1	1		20.96		21.2
100	256QAM	1	1		18.97		19.9
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.13	21.10	21.10	21.8
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.12	21.18	21.15	21.8
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.11	21.10	21.16	21.8
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.12	21.14	21.10	21.8
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.10	21.15	21.11	21.8
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.14	21.08	21.16	21.8
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.12	21.12	21.17	21.8
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.10	21.17	21.17	21.8
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.10	21.11	21.09	21.8
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.17	21.09	21.13	21.8
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.13	21.18	21.11	21.8



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.08		
100	PI/2 BPSK	1	137		20.99		22.5
100	PI/2 BPSK	1	271		21.07		
100	PI/2 BPSK	135	0		21.15		
100	PI/2 BPSK	135	69		21.16		22.5
100	PI/2 BPSK	135	138		21.15		22.5
100	PI/2 BPSK	270	0		21.22		
100	QPSK	1	1		21.21		
100	QPSK	1	137		20.97		22.5
100	QPSK	1	271		21.01		
100	QPSK	135	0		21.14		
100	QPSK	135	69		21.18		22.5
100	QPSK	135	138		21.10		22.5
100	QPSK	270	0		21.09		
100	16QAM	1	1		20.97		
100	64QAM	1	1		20.96		21.9
100	256QAM	1	1		18.97		19.9
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.13	21.10	21.10	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.12	21.18	21.15	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.11	21.10	21.16	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.12	21.14	21.10	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.10	21.15	21.11	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.14	21.08	21.16	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.12	21.12	21.17	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.10	21.17	21.17	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.10	21.11	21.09	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.17	21.09	21.13	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.13	21.18	21.11	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.08		21.8
100	PI/2 BPSK	1	137		20.99		
100	PI/2 BPSK	1	271		21.07		
100	PI/2 BPSK	135	0		21.15		21.8
100	PI/2 BPSK	135	69		21.16		21.8
100	PI/2 BPSK	135	138		21.15		21.8
100	PI/2 BPSK	270	0		21.22		
100	QPSK	1	1		21.21		21.8
100	QPSK	1	137		20.97		
100	QPSK	1	271		21.01		
100	QPSK	135	0		21.14		21.8
100	QPSK	135	69		21.18		21.8
100	QPSK	135	138		21.10		21.8
100	QPSK	270	0		21.09		
100	16QAM	1	1		20.97		21.8
100	64QAM	1	1		20.96		21.2
100	256QAM	1	1		18.97		19.9
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.13	21.10	21.10	21.8
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.12	21.18	21.15	21.8
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.11	21.10	21.16	21.8
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.12	21.14	21.10	21.8
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.10	21.15	21.11	21.8
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.14	21.08	21.16	21.8
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.12	21.12	21.17	21.8
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.10	21.17	21.17	21.8
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.10	21.11	21.09	21.8
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.17	21.09	21.13	21.8
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.13	21.18	21.11	21.8



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.83		19.9
100	PI/2 BPSK	1	137		18.72		
100	PI/2 BPSK	1	271		18.86		
100	PI/2 BPSK	135	0		18.80		19.9
100	PI/2 BPSK	135	69		18.96		19.9
100	PI/2 BPSK	135	138		18.81		19.9
100	PI/2 BPSK	270	0		18.94		
100	QPSK	1	1		18.76		19.9
100	QPSK	1	137		18.71		
100	QPSK	1	271		18.77		
100	QPSK	135	0		18.67		19.9
100	QPSK	135	69		18.82		19.9
100	QPSK	135	138		18.69		19.9
100	QPSK	270	0		18.86		
100	16QAM	1	1		18.86		19.9
100	64QAM	1	1		18.79		19.9
100	256QAM	1	1		18.94		19.9
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.84	18.88	18.82	19.9
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.85	18.83	18.85	19.9
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.82	18.83	18.83	19.9
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.89	18.83	18.88	19.9
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.83	18.92	18.88	19.9
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.87	18.83	18.85	19.9
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.87	18.88	18.84	19.9
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	18.84	18.88	18.82	19.9
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.86	18.92	18.83	19.9
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.90	18.91	18.90	19.9
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.90	18.89	18.87	19.9



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.83		19.2
100	PI/2 BPSK	1	137		18.72		
100	PI/2 BPSK	1	271		18.86		
100	PI/2 BPSK	135	0		18.80		19.2
100	PI/2 BPSK	135	69		18.96		19.2
100	PI/2 BPSK	135	138		18.81		19.2
100	PI/2 BPSK	270	0		18.94		
100	QPSK	1	1		18.76		19.2
100	QPSK	1	137		18.71		
100	QPSK	1	271		18.77		
100	QPSK	135	0		18.67		19.2
100	QPSK	135	69		18.82		19.2
100	QPSK	135	138		18.69		19.2
100	QPSK	270	0		18.86		
100	16QAM	1	1		18.86		19.2
100	64QAM	1	1		18.79		19.2
100	256QAM	1	1		18.94		19.2
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.84	18.88	18.82	19.2
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.85	18.83	18.85	19.2
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.82	18.83	18.83	19.2
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.89	18.83	18.88	19.2
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.83	18.92	18.88	19.2
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.87	18.83	18.85	19.2
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.87	18.88	18.84	19.2
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	18.84	18.88	18.82	19.2
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.86	18.92	18.83	19.2
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.90	18.91	18.90	19.2
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.90	18.89	18.87	19.2



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.20		24.2
100	PI/2 BPSK	1	137		24.01		
100	PI/2 BPSK	1	271		24.14		
100	PI/2 BPSK	135	0		23.88		24.2
100	PI/2 BPSK	135	69		23.90		24.2
100	PI/2 BPSK	135	138		23.88		24.2
100	PI/2 BPSK	270	0		24.04		
100	QPSK	1	1		24.07		24.2
100	QPSK	1	137		24.02		
100	QPSK	1	271		23.98		
100	QPSK	135	0		23.82		24.2
100	QPSK	135	69		23.92		24.2
100	QPSK	135	138		23.86		24.2
100	QPSK	270	0		23.85		
100	16QAM	1	1		23.90		24.2
100	64QAM	1	1		22.53		23.7
100	256QAM	1	1		20.81		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.08	24.04	24.08	24.2
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.09	24.03	24.07	24.2
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.06	24.06	24.03	24.2
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.03	24.05	24.01	24.2
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.09	24.07	24.06	24.2
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.10	24.02	24.06	24.2
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.05	24.04	24.06	24.2
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.08	24.06	24.04	24.2
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.04	24.07	24.04	24.2
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.09	24.00	24.08	24.2
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.00	24.08	24.08	24.2



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.15		26.2
100	PI/2 BPSK	1	137		24.78		
100	PI/2 BPSK	1	271		25.05		
100	PI/2 BPSK	135	0		24.40		25.7
100	PI/2 BPSK	135	69		24.81		26.2
100	PI/2 BPSK	135	138		24.36		25.7
100	PI/2 BPSK	270	0		24.37		
100	QPSK	1	1		25.14		26.2
100	QPSK	1	137		24.79		
100	QPSK	1	271		25.07		
100	QPSK	135	0		24.10		25.2
100	QPSK	135	69		24.81		26.2
100	QPSK	135	138		24.06		25.2
100	QPSK	270	0		23.86		
100	16QAM	1	1		24.20		25.2
100	64QAM	1	1		22.56		23.7
100	256QAM	1	1		20.62		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.11	25.10	25.05	26.2
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.05	25.10	25.09	26.2
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.13	25.08	25.07	26.2
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.13	25.07	25.14	26.2
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.05	25.12	25.11	26.2
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.10	25.11	25.11	26.2
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.06	25.05	25.09	26.2
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.11	25.05	25.05	26.2
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.07	25.10	25.06	26.2
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.08	25.12	25.08	26.2
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.14	25.12	25.07	26.2



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.15		25.5
100	PI/2 BPSK	1	137		24.78		
100	PI/2 BPSK	1	271		25.05		
100	PI/2 BPSK	135	0		24.40		25.5
100	PI/2 BPSK	135	69		24.81		25.5
100	PI/2 BPSK	135	138		24.36		25.5
100	PI/2 BPSK	270	0		24.37		
100	QPSK	1	1		25.14		25.5
100	QPSK	1	137		24.79		
100	QPSK	1	271		25.07		
100	QPSK	135	0		24.10		25.2
100	QPSK	135	69		24.81		25.5
100	QPSK	135	138		24.06		25.2
100	QPSK	270	0		23.86		
100	16QAM	1	1		24.20		25.2
100	64QAM	1	1		22.56		23.7
100	256QAM	1	1		20.62		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.11	25.10	25.05	25.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.05	25.10	25.09	25.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.13	25.08	25.07	25.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.13	25.07	25.14	25.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.05	25.12	25.11	25.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.10	25.11	25.11	25.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.06	25.05	25.09	25.5
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.11	25.05	25.05	25.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.07	25.10	25.06	25.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.08	25.12	25.08	25.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.14	25.12	25.07	25.5



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.83		22.6
100	PI/2 BPSK	1	137		21.69		
100	PI/2 BPSK	1	271		21.77		
100	PI/2 BPSK	135	0		21.60		22.6
100	PI/2 BPSK	135	69		21.58		22.6
100	PI/2 BPSK	135	138		21.46		22.6
100	PI/2 BPSK	270	0		21.61		
100	QPSK	1	1		21.75		22.6
100	QPSK	1	137		21.66		
100	QPSK	1	271		21.76		
100	QPSK	135	0		21.53		22.6
100	QPSK	135	69		21.54		22.6
100	QPSK	135	138		21.48		22.6
100	QPSK	270	0		21.54		
100	16QAM	1	1		21.59		22.6
100	64QAM	1	1		21.65		22.6
100	256QAM	1	1		20.64		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.79	21.74	21.81	22.6
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.80	21.72	21.73	22.6
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.74	21.72	21.72	22.6
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.77	21.79	21.77	22.6
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.74	21.82	21.74	22.6
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.76	21.74	21.72	22.6
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.74	21.74	21.72	22.6
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.78	21.77	21.77	22.6
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.77	21.79	21.79	22.6
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.79	21.82	21.82	22.6
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.82	21.74	21.73	22.6



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.83		21.9
100	PI/2 BPSK	1	137		21.69		
100	PI/2 BPSK	1	271		21.77		
100	PI/2 BPSK	135	0		21.60		21.9
100	PI/2 BPSK	135	69		21.58		21.9
100	PI/2 BPSK	135	138		21.46		21.9
100	PI/2 BPSK	270	0		21.61		
100	QPSK	1	1		21.75		21.9
100	QPSK	1	137		21.66		
100	QPSK	1	271		21.76		
100	QPSK	135	0		21.53		21.9
100	QPSK	135	69		21.54		21.9
100	QPSK	135	138		21.48		21.9
100	QPSK	270	0		21.54		
100	16QAM	1	1		21.59		21.9
100	64QAM	1	1		21.65		21.9
100	256QAM	1	1		20.64		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.79	21.74	21.81	21.9
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.80	21.72	21.73	21.9
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.74	21.72	21.72	21.9
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.77	21.79	21.77	21.9
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.74	21.82	21.74	21.9
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.76	21.74	21.72	21.9
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.74	21.74	21.72	21.9
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.78	21.77	21.77	21.9
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.77	21.79	21.79	21.9
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.79	21.82	21.82	21.9
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.82	21.74	21.73	21.9



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.99		26.2
100	PI/2 BPSK	1	137		24.39		
100	PI/2 BPSK	1	271		24.54		
100	PI/2 BPSK	135	0		24.14		25.7
100	PI/2 BPSK	135	69		24.44		26.2
100	PI/2 BPSK	135	138		23.91		25.7
100	PI/2 BPSK	270	0		24.03		
100	QPSK	1	1		24.92		26.2
100	QPSK	1	137		24.41		
100	QPSK	1	271		24.55		
100	QPSK	135	0		24.06		25.2
100	QPSK	135	69		24.45		26.2
100	QPSK	135	138		24.00		25.2
100	QPSK	270	0		23.52		
100	16QAM	1	1		24.05		25.2
100	64QAM	1	1		22.41		23.7
100	256QAM	1	1		20.47		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.89	24.95	24.94	26.2
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.95	24.95	24.98	26.2
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.94	24.91	24.95	26.2
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.94	24.93	24.98	26.2
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.98	24.89	24.98	26.2
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.90	24.93	24.92	26.2
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.91	24.97	24.91	26.2
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.94	24.97	24.90	26.2
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.93	24.90	24.95	26.2
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.90	24.95	24.91	26.2
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.90	24.98	24.94	26.2



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.99		26.2
100	PI/2 BPSK	1	137		24.39		
100	PI/2 BPSK	1	271		24.54		
100	PI/2 BPSK	135	0		24.14		25.7
100	PI/2 BPSK	135	69		24.44		26.2
100	PI/2 BPSK	135	138		23.91		25.7
100	PI/2 BPSK	270	0		24.03		
100	QPSK	1	1		24.92		26.2
100	QPSK	1	137		24.41		
100	QPSK	1	271		24.55		
100	QPSK	135	0		24.06		25.2
100	QPSK	135	69		24.45		26.2
100	QPSK	135	138		24.00		25.2
100	QPSK	270	0		23.52		
100	16QAM	1	1		24.05		25.2
100	64QAM	1	1		22.41		23.7
100	256QAM	1	1		20.47		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.89	24.95	24.94	26.2
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.95	24.95	24.98	26.2
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.94	24.91	24.95	26.2
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.94	24.93	24.98	26.2
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.98	24.89	24.98	26.2
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.90	24.93	24.92	26.2
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.91	24.97	24.91	26.2
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.94	24.97	24.90	26.2
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.93	24.90	24.95	26.2
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.90	24.95	24.91	26.2
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.90	24.98	24.94	26.2



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.99		26.2
100	PI/2 BPSK	1	137		24.39		
100	PI/2 BPSK	1	271		24.54		
100	PI/2 BPSK	135	0		24.14		25.7
100	PI/2 BPSK	135	69		24.44		26.2
100	PI/2 BPSK	135	138		23.91		25.7
100	PI/2 BPSK	270	0		24.03		
100	QPSK	1	1		24.92		26.2
100	QPSK	1	137		24.41		
100	QPSK	1	271		24.55		
100	QPSK	135	0		24.06		25.2
100	QPSK	135	69		24.45		26.2
100	QPSK	135	138		24.00		25.2
100	QPSK	270	0		23.52		
100	16QAM	1	1		24.05		25.2
100	64QAM	1	1		22.41		23.7
100	256QAM	1	1		20.47		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.89	24.95	24.94	26.2
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.95	24.95	24.98	26.2
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.94	24.91	24.95	26.2
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.94	24.93	24.98	26.2
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.98	24.89	24.98	26.2
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.90	24.93	24.92	26.2
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.91	24.97	24.91	26.2
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.94	24.97	24.90	26.2
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.93	24.90	24.95	26.2
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.90	24.95	24.91	26.2
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.90	24.98	24.94	26.2



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.12		27.1
100	PI/2 BPSK	1	137		25.80		
100	PI/2 BPSK	1	271		26.08		
100	PI/2 BPSK	135	0		25.44		26.6
100	PI/2 BPSK	135	69		25.87		27.1
100	PI/2 BPSK	135	138		25.45		26.6
100	PI/2 BPSK	270	0		25.45		
100	QPSK	1	1		26.07		27.1
100	QPSK	1	137		25.83		
100	QPSK	1	271		26.09		
100	QPSK	135	0		24.96		26.1
100	QPSK	135	69		25.88		27.1
100	QPSK	135	138		24.95		26.1
100	QPSK	270	0		24.95		
100	16QAM	1	1		25.22		26.1
100	64QAM	1	1		23.59		24.6
100	256QAM	1	1		21.66		22.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.02	25.92	25.97	27.1
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.97	25.96	25.99	27.1
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.96	26.01	25.92	27.1
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.00	25.96	26.01	27.1
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.98	25.92	26.00	27.1
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.01	25.92	26.02	27.1
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	26.01	25.95	25.97	27.1
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	26.02	25.95	25.92	27.1
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.95	25.94	25.94	27.1
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.00	25.97	26.02	27.1
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.02	25.94	26.00	27.1



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.12		27.1
100	PI/2 BPSK	1	137		25.80		
100	PI/2 BPSK	1	271		26.08		
100	PI/2 BPSK	135	0		25.44		26.6
100	PI/2 BPSK	135	69		25.87		27.1
100	PI/2 BPSK	135	138		25.45		26.6
100	PI/2 BPSK	270	0		25.45		
100	QPSK	1	1		26.07		27.1
100	QPSK	1	137		25.83		
100	QPSK	1	271		26.09		
100	QPSK	135	0		24.96		26.1
100	QPSK	135	69		25.88		27.1
100	QPSK	135	138		24.95		26.1
100	QPSK	270	0		24.95		
100	16QAM	1	1		25.22		26.1
100	64QAM	1	1		23.59		24.6
100	256QAM	1	1		21.66		22.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.02	25.92	25.97	27.1
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.97	25.96	25.99	27.1
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.96	26.01	25.92	27.1
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.00	25.96	26.01	27.1
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.98	25.92	26.00	27.1
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.01	25.92	26.02	27.1
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	26.01	25.95	25.97	27.1
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	26.02	25.95	25.92	27.1
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.95	25.94	25.94	27.1
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.00	25.97	26.02	27.1
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.02	25.94	26.00	27.1



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.99		23.5
100	PI/2 BPSK	1	137		22.91		
100	PI/2 BPSK	1	271		22.95		
100	PI/2 BPSK	135	0		22.90		23.5
100	PI/2 BPSK	135	69		23.27		23.5
100	PI/2 BPSK	135	138		22.94		23.5
100	PI/2 BPSK	270	0		23.20		
100	QPSK	1	1		22.96		23.5
100	QPSK	1	137		22.83		
100	QPSK	1	271		22.89		
100	QPSK	135	0		22.88		23.5
100	QPSK	135	69		23.19		23.5
100	QPSK	135	138		22.85		23.5
100	QPSK	270	0		23.12		
100	16QAM	1	1		22.91		23.5
100	64QAM	1	1		22.85		23.5
100	256QAM	1	1		21.54		22.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.88	22.95	22.92	23.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.95	22.93	22.86	23.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.85	22.89	22.94	23.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.92	22.92	22.94	23.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.89	22.91	22.87	23.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.92	22.86	22.95	23.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.86	22.88	22.85	23.5
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.94	22.92	22.89	23.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.92	22.95	22.87	23.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.90	22.87	22.94	23.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.95	22.85	22.90	23.5



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.99		24.2
100	PI/2 BPSK	1	137		22.91		
100	PI/2 BPSK	1	271		22.95		
100	PI/2 BPSK	135	0		22.90		24.2
100	PI/2 BPSK	135	69		23.27		24.2
100	PI/2 BPSK	135	138		22.94		24.2
100	PI/2 BPSK	270	0		23.20		
100	QPSK	1	1		22.96		24.2
100	QPSK	1	137		22.83		
100	QPSK	1	271		22.89		
100	QPSK	135	0		22.88		24.2
100	QPSK	135	69		23.19		24.2
100	QPSK	135	138		22.85		24.2
100	QPSK	270	0		23.12		
100	16QAM	1	1		22.91		24.2
100	64QAM	1	1		22.85		24.2
100	256QAM	1	1		21.54		22.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.88	22.95	22.92	24.2
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.95	22.93	22.86	24.2
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.85	22.89	22.94	24.2
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.92	22.92	22.94	24.2
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.89	22.91	22.87	24.2
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.92	22.86	22.95	24.2
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.86	22.88	22.85	24.2
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.94	22.92	22.89	24.2
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.92	22.95	22.87	24.2
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.90	22.87	22.94	24.2
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.95	22.85	22.90	24.2



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.99		23.5
100	PI/2 BPSK	1	137		22.91		
100	PI/2 BPSK	1	271		22.95		
100	PI/2 BPSK	135	0		22.90		23.5
100	PI/2 BPSK	135	69		23.27		23.5
100	PI/2 BPSK	135	138		22.94		23.5
100	PI/2 BPSK	270	0		23.20		
100	QPSK	1	1		22.96		23.5
100	QPSK	1	137		22.83		
100	QPSK	1	271		22.89		
100	QPSK	135	0		22.88		23.5
100	QPSK	135	69		23.19		23.5
100	QPSK	135	138		22.85		23.5
100	QPSK	270	0		23.12		
100	16QAM	1	1		22.91		23.5
100	64QAM	1	1		22.85		23.5
100	256QAM	1	1		21.54		22.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.88	22.95	22.92	23.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.95	22.93	22.86	23.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.85	22.89	22.94	23.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.92	22.92	22.94	23.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.89	22.91	22.87	23.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.92	22.86	22.95	23.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.86	22.88	22.85	23.5
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.94	22.92	22.89	23.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.92	22.95	22.87	23.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.90	22.87	22.94	23.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.95	22.85	22.90	23.5



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.34		26.5
100	PI/2 BPSK	1	137		25.57		
100	PI/2 BPSK	1	271		25.49		
100	PI/2 BPSK	135	0		24.93		26.0
100	PI/2 BPSK	135	69		25.47		26.5
100	PI/2 BPSK	135	138		25.03		26.0
100	PI/2 BPSK	270	0		24.99		
100	QPSK	1	1		25.33		26.5
100	QPSK	1	137		25.55		
100	QPSK	1	271		25.42		
100	QPSK	135	0		24.43		25.5
100	QPSK	135	69		25.54		26.5
100	QPSK	135	138		24.51		25.5
100	QPSK	270	0		24.40		
100	16QAM	1	1		24.32		25.5
100	64QAM	1	1		22.80		24.0
100	256QAM	1	1		21.12		22.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.29	25.41	25.37	26.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.19	25.31	25.27	26.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.20	25.34	25.30	26.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.19	25.33	25.28	26.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.22	25.31	25.31	26.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.21	25.33	25.29	26.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.19	25.33	25.29	26.5
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.24	25.36	25.27	26.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.21	25.32	25.30	26.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.23	25.36	25.27	26.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.21	25.34	25.27	26.5



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.34		26.5
100	PI/2 BPSK	1	137		25.57		
100	PI/2 BPSK	1	271		25.49		
100	PI/2 BPSK	135	0		24.93		26.0
100	PI/2 BPSK	135	69		25.47		26.5
100	PI/2 BPSK	135	138		25.03		26.0
100	PI/2 BPSK	270	0		24.99		
100	QPSK	1	1		25.33		26.5
100	QPSK	1	137		25.55		
100	QPSK	1	271		25.42		
100	QPSK	135	0		24.43		25.5
100	QPSK	135	69		25.54		26.5
100	QPSK	135	138		24.51		25.5
100	QPSK	270	0		24.40		
100	16QAM	1	1		24.32		25.5
100	64QAM	1	1		22.80		24.0
100	256QAM	1	1		21.12		22.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.29	25.41	25.37	26.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.19	25.31	25.27	26.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.20	25.34	25.30	26.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.19	25.33	25.28	26.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.22	25.31	25.31	26.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.21	25.33	25.29	26.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.19	25.33	25.29	26.5
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.24	25.36	25.27	26.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.21	25.32	25.30	26.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.23	25.36	25.27	26.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.21	25.34	25.27	26.5



FCC SAR TEST REPORT

Report No. : FA3N2325D

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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.05		24.9
100	PI/2 BPSK	1	137		23.99		
100	PI/2 BPSK	1	271		24.00		
100	PI/2 BPSK	135	0		24.16		24.9
100	PI/2 BPSK	135	69		24.21		24.9
100	PI/2 BPSK	135	138		24.08		24.9
100	PI/2 BPSK	270	0		24.08		
100	QPSK	1	1		24.04		24.9
100	QPSK	1	137		24.00		
100	QPSK	1	271		23.89		
100	QPSK	135	0		24.09		24.9
100	QPSK	135	69		24.21		24.9
100	QPSK	135	138		24.06		24.9
100	QPSK	270	0		24.00		
100	16QAM	1	1		24.02		24.9
100	64QAM	1	1		22.51		24.0
100	256QAM	1	1		20.78		22.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.82	24.02	23.89	24.9
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.86	24.00	23.96	24.9
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.85	24.00	23.87	24.9
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.79	23.94	23.93	24.9
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.83	24.00	23.90	24.9
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.82	23.97	23.94	24.9
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.78	23.92	23.89	24.9
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.82	23.92	23.90	24.9
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.81	24.00	23.96	24.9
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.85	23.98	23.92	24.9
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.87	24.01	23.92	24.9



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.05		25.6
100	PI/2 BPSK	1	137		23.99		
100	PI/2 BPSK	1	271		24.00		
100	PI/2 BPSK	135	0		24.16		25.6
100	PI/2 BPSK	135	69		24.21		25.6
100	PI/2 BPSK	135	138		24.08		25.6
100	PI/2 BPSK	270	0		24.08		
100	QPSK	1	1		24.04		25.6
100	QPSK	1	137		24.00		
100	QPSK	1	271		23.89		
100	QPSK	135	0		24.09		25.5
100	QPSK	135	69		24.21		25.6
100	QPSK	135	138		24.06		25.5
100	QPSK	270	0		24.00		
100	16QAM	1	1		24.02		25.5
100	64QAM	1	1		22.51		24.0
100	256QAM	1	1		20.78		22.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.82	24.02	23.89	25.6
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.86	24.00	23.96	25.6
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.85	24.00	23.87	25.6
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.79	23.94	23.93	25.6
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.83	24.00	23.90	25.6
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.82	23.97	23.94	25.6
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.78	23.92	23.89	25.6
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.82	23.92	23.90	25.6
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.81	24.00	23.96	25.6
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.85	23.98	23.92	25.6
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.87	24.01	23.92	25.6



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Part 270

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.05		24.9
100	PI/2 BPSK	1	137		23.99		
100	PI/2 BPSK	1	271		24.00		
100	PI/2 BPSK	135	0		24.16		24.9
100	PI/2 BPSK	135	69		24.21		24.9
100	PI/2 BPSK	135	138		24.08		24.9
100	PI/2 BPSK	270	0		24.08		
100	QPSK	1	1		24.04		24.9
100	QPSK	1	137		24.00		
100	QPSK	1	271		23.89		
100	QPSK	135	0		24.09		24.9
100	QPSK	135	69		24.21		24.9
100	QPSK	135	138		24.06		24.9
100	QPSK	270	0		24.00		
100	16QAM	1	1		24.02		24.9
100	64QAM	1	1		22.51		24.0
100	256QAM	1	1		20.78		22.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.82	24.02	23.89	24.9
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.86	24.00	23.96	24.9
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.85	24.00	23.87	24.9
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.79	23.94	23.93	24.9
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.83	24.00	23.90	24.9
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.82	23.97	23.94	24.9
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.78	23.92	23.89	24.9
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.82	23.92	23.90	24.9
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.81	24.00	23.96	24.9
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.85	23.98	23.92	24.9
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.87	24.01	23.92	24.9



<FR1 n78_Ant 1_Index 2> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.99		16.7
100	PI/2 BPSK	1	137		15.95		
100	PI/2 BPSK	1	271		15.84		
100	PI/2 BPSK	135	0		15.97		16.7
100	PI/2 BPSK	135	69		15.98		16.7
100	PI/2 BPSK	135	138		15.94		16.7
100	PI/2 BPSK	270	0		15.99		
100	QPSK	1	1		15.81		16.7
100	QPSK	1	137		15.75		
100	QPSK	1	271		15.75		
100	QPSK	135	0		15.86		16.7
100	QPSK	135	69		15.74		16.7
100	QPSK	135	138		15.81		16.7
100	QPSK	270	0		15.87		
100	16QAM	1	1		15.74		16.7
100	64QAM	1	1		15.81		16.7
100	256QAM	1	1		15.81		16.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.84	15.82	15.84	16.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.83	15.91	15.92	16.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.92	15.90	15.83	16.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.91	15.88	15.84	16.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.87	15.89	15.88	16.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.88	15.90	15.82	16.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.89	15.86	15.89	16.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.92	15.84	15.87	16.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.85	15.86	15.85	16.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.88	15.85	15.86	16.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.83	15.86	15.89	16.7



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		16.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.99		
100	PI/2 BPSK	1	137		15.95		16.0
100	PI/2 BPSK	1	271		15.84		
100	PI/2 BPSK	135	0		15.97		
100	PI/2 BPSK	135	69		15.98		16.0
100	PI/2 BPSK	135	138		15.94		16.0
100	PI/2 BPSK	270	0		15.99		
100	QPSK	1	1		15.81		
100	QPSK	1	137		15.75		16.0
100	QPSK	1	271		15.75		
100	QPSK	135	0		15.86		
100	QPSK	135	69		15.74		16.0
100	QPSK	135	138		15.81		16.0
100	QPSK	270	0		15.87		
100	16QAM	1	1		15.74		
100	64QAM	1	1		15.81		16.0
100	256QAM	1	1		15.81		16.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.84	15.82	15.84	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.83	15.91	15.92	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.92	15.90	15.83	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.91	15.88	15.84	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.87	15.89	15.88	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.88	15.90	15.82	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.89	15.86	15.89	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.92	15.84	15.87	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.85	15.86	15.85	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.88	15.85	15.86	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.83	15.86	15.89	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.04		21.0
100	PI/2 BPSK	1	137		20.95		
100	PI/2 BPSK	1	271		20.86		
100	PI/2 BPSK	135	0		20.74		21.0
100	PI/2 BPSK	135	69		20.76		21.0
100	PI/2 BPSK	135	138		20.73		21.0
100	PI/2 BPSK	270	0		20.74		
100	QPSK	1	1		20.92		21.0
100	QPSK	1	137		20.94		
100	QPSK	1	271		20.94		
100	QPSK	135	0		20.90		21.0
100	QPSK	135	69		20.94		21.0
100	QPSK	135	138		20.93		21.0
100	QPSK	270	0		20.94		
100	16QAM	1	1		20.98		21.0
100	64QAM	1	1		21.00		21.0
100	256QAM	1	1		19.56		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.81	20.90	20.85	21.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.83	20.88	20.80	21.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.90	20.83	20.82	21.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.82	20.90	20.90	21.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.82	20.80	20.90	21.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.88	20.89	20.86	21.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.84	20.89	20.89	21.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.90	20.81	20.83	21.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.83	20.90	20.80	21.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.80	20.88	20.86	21.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.87	20.82	20.84	21.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.10		23.0
100	PI/2 BPSK	1	137		22.00		
100	PI/2 BPSK	1	271		21.98		
100	PI/2 BPSK	135	0		21.83		23.0
100	PI/2 BPSK	135	69		21.84		23.0
100	PI/2 BPSK	135	138		21.76		23.0
100	PI/2 BPSK	270	0		21.98		
100	QPSK	1	1		21.98		23.0
100	QPSK	1	137		21.87		
100	QPSK	1	271		21.89		
100	QPSK	135	0		21.87		23.0
100	QPSK	135	69		21.89		23.0
100	QPSK	135	138		21.82		23.0
100	QPSK	270	0		21.85		
100	16QAM	1	1		21.97		23.0
100	64QAM	1	1		21.42		22.5
100	256QAM	1	1		19.49		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.01	21.99	22.03	23.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.04	22.00	22.07	23.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.04	22.05	22.07	23.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.07	22.03	21.98	23.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.03	22.00	21.99	23.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.07	21.99	22.06	23.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.07	22.05	22.04	23.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.07	21.99	22.01	23.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.98	21.97	22.06	23.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.04	22.07	21.98	23.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.04	22.04	22.02	23.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.10		22.3
100	PI/2 BPSK	1	137		22.00		
100	PI/2 BPSK	1	271		21.98		
100	PI/2 BPSK	135	0		21.83		22.3
100	PI/2 BPSK	135	69		21.84		22.3
100	PI/2 BPSK	135	138		21.76		22.3
100	PI/2 BPSK	270	0		21.98		
100	QPSK	1	1		21.98		22.3
100	QPSK	1	137		21.87		
100	QPSK	1	271		21.89		
100	QPSK	135	0		21.87		22.3
100	QPSK	135	69		21.89		22.3
100	QPSK	135	138		21.82		22.3
100	QPSK	270	0		21.85		
100	16QAM	1	1		21.97		22.3
100	64QAM	1	1		21.42		22.3
100	256QAM	1	1		19.49		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.01	21.99	22.03	22.3
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.04	22.00	22.07	22.3
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.04	22.05	22.07	22.3
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.07	22.03	21.98	22.3
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.03	22.00	21.99	22.3
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.07	21.99	22.06	22.3
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.07	22.05	22.04	22.3
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.07	21.99	22.01	22.3
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.98	21.97	22.06	22.3
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.04	22.07	21.98	22.3
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.04	22.04	22.02	22.3



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.86		19.4
100	PI/2 BPSK	1	137		18.77		
100	PI/2 BPSK	1	271		18.66		
100	PI/2 BPSK	135	0		18.54		19.4
100	PI/2 BPSK	135	69		18.52		19.4
100	PI/2 BPSK	135	138		18.51		19.4
100	PI/2 BPSK	270	0		18.65		
100	QPSK	1	1		18.80		19.4
100	QPSK	1	137		18.65		
100	QPSK	1	271		18.64		
100	QPSK	135	0		18.40		19.4
100	QPSK	135	69		18.48		19.4
100	QPSK	135	138		18.39		19.4
100	QPSK	270	0		18.56		
100	16QAM	1	1		18.75		19.4
100	64QAM	1	1		18.75		19.4
100	256QAM	1	1		18.44		19.4
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.74	18.74	18.75	19.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.78	18.78	18.79	19.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.72	18.80	18.77	19.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.72	18.74	18.81	19.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.77	18.73	18.77	19.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.76	18.78	18.80	19.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.72	18.76	18.80	19.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.81	18.77	18.81	19.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.74	18.80	18.74	19.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.76	18.80	18.72	19.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.81	18.76	18.80	19.4



<FR1 n78_Ant 5_Index 3> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		18.7
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.70		
100	PI/2 BPSK	1	137		18.61		18.7
100	PI/2 BPSK	1	271		18.50		
100	PI/2 BPSK	135	0		18.38		
100	PI/2 BPSK	135	69		18.36		18.7
100	PI/2 BPSK	135	138		18.35		18.7
100	PI/2 BPSK	270	0		18.49		
100	QPSK	1	1		18.64		
100	QPSK	1	137		18.49		18.7
100	QPSK	1	271		18.48		
100	QPSK	135	0		18.24		
100	QPSK	135	69		18.32		18.7
100	QPSK	135	138		18.23		18.7
100	QPSK	270	0		18.40		
100	16QAM	1	1		18.59		
100	64QAM	1	1		18.59		18.7
100	256QAM	1	1		18.28		18.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.58	18.58	18.59	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.62	18.62	18.63	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.56	18.64	18.61	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.56	18.58	18.65	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.61	18.57	18.61	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.60	18.62	18.64	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.56	18.60	18.64	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.65	18.61	18.65	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.58	18.64	18.58	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.60	18.64	18.56	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.65	18.60	18.64	



<FR1 n78_Ant 5_Index 4> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.18		24.5
100	PI/2 BPSK	1	137		23.72		
100	PI/2 BPSK	1	271		23.61		
100	PI/2 BPSK	135	0		23.43		24.5
100	PI/2 BPSK	135	69		23.76		24.5
100	PI/2 BPSK	135	138		23.12		24.5
100	PI/2 BPSK	270	0		23.33		
100	QPSK	1	1		24.15		24.5
100	QPSK	1	137		23.77		
100	QPSK	1	271		23.65		
100	QPSK	135	0		23.04		24.0
100	QPSK	135	69		23.78		24.5
100	QPSK	135	138		23.03		24.0
100	QPSK	270	0		22.83		
100	16QAM	1	1		23.27		24.0
100	64QAM	1	1		21.65		22.5
100	256QAM	1	1		19.72		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.11	24.15	24.12	24.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.08	24.12	24.09	24.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.17	24.14	24.16	24.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.14	24.08	24.13	24.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.11	24.12	24.11	24.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.13	24.13	24.11	24.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.08	24.10	24.10	24.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.08	24.14	24.16	24.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.14	24.05	24.08	24.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.15	24.17	24.10	24.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.08	24.13	24.14	24.5



<FR1 n78_Ant 5_Index 5> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.18		25.0
100	PI/2 BPSK	1	137		23.72		
100	PI/2 BPSK	1	271		23.61		
100	PI/2 BPSK	135	0		23.43		24.5
100	PI/2 BPSK	135	69		23.76		25.0
100	PI/2 BPSK	135	138		23.12		24.5
100	PI/2 BPSK	270	0		23.33		
100	QPSK	1	1		24.15		25.0
100	QPSK	1	137		23.77		
100	QPSK	1	271		23.65		
100	QPSK	135	0		23.04		24.0
100	QPSK	135	69		23.78		25.0
100	QPSK	135	138		23.03		24.0
100	QPSK	270	0		22.83		
100	16QAM	1	1		23.27		24.0
100	64QAM	1	1		21.65		22.5
100	256QAM	1	1		19.72		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.11	24.15	24.12	25.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.08	24.12	24.09	25.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.17	24.14	24.16	25.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.14	24.08	24.13	25.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.11	24.12	24.11	25.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.13	24.13	24.11	25.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.08	24.10	24.10	25.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.08	24.14	24.16	25.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.14	24.05	24.08	25.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.15	24.17	24.10	25.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.08	24.13	24.14	25.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.18		24.5
100	PI/2 BPSK	1	137		23.72		
100	PI/2 BPSK	1	271		23.61		
100	PI/2 BPSK	135	0		23.43		24.5
100	PI/2 BPSK	135	69		23.76		24.5
100	PI/2 BPSK	135	138		23.12		24.5
100	PI/2 BPSK	270	0		23.33		
100	QPSK	1	1		24.15		24.5
100	QPSK	1	137		23.77		
100	QPSK	1	271		23.65		
100	QPSK	135	0		23.04		24.0
100	QPSK	135	69		23.78		24.5
100	QPSK	135	138		23.03		24.0
100	QPSK	270	0		22.83		
100	16QAM	1	1		23.27		24.0
100	64QAM	1	1		21.65		22.5
100	256QAM	1	1		19.72		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.11	24.15	24.12	24.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.08	24.12	24.09	24.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.17	24.14	24.16	24.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.14	24.08	24.13	24.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.11	24.12	24.11	24.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.13	24.13	24.11	24.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.08	24.10	24.10	24.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.08	24.14	24.16	24.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.14	24.05	24.08	24.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.15	24.17	24.10	24.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.08	24.13	24.14	24.5



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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)
Channel					633332		25.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.26		
100	PI/2 BPSK	1	137		23.82		24.5
100	PI/2 BPSK	1	271		24.10		
100	PI/2 BPSK	135	0		23.40		
100	PI/2 BPSK	135	69		23.84		25.0
100	PI/2 BPSK	135	138		23.40		24.5
100	PI/2 BPSK	270	0		23.41		
100	QPSK	1	1		24.25		
100	QPSK	1	137		23.82		25.0
100	QPSK	1	271		24.11		
100	QPSK	135	0		22.91		
100	QPSK	135	69		23.85		24.0
100	QPSK	135	138		22.90		25.0
100	QPSK	270	0		22.92		
100	16QAM	1	1		23.28		
100	64QAM	1	1		21.65		24.0
100	256QAM	1	1		19.73		22.5
Channel				633000	633332	633666	20.5
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	24.18	24.17	24.25	25.0
Channel				632668	633332	634000	25.0
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.23	24.20	24.24	
Channel				632334	633332	634332	25.0
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.21	24.23	24.20	
Channel				632000	633332	634666	25.0
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.16	24.20	24.16	
Channel				631668	633332	635000	25.0
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.24	24.16	24.25	
Channel				631334	633332	635332	25.0
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.18	24.22	24.20	
Channel				631000	633332	635666	25.0
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.20	24.23	24.19	
Channel				630834	633332	635832	25.0
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.22	24.22	24.18	
Channel				630668	633332	636000	25.0
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.19	24.25	24.23	
Channel				630500	633332	636166	25.0
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.16	24.17	24.20	
Channel				630334	633332	636332	25.0
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.23	24.24	24.16	



<FR1 n78_Ant 6_Index 3> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		25.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.26		
100	PI/2 BPSK	1	137		23.82		24.5
100	PI/2 BPSK	1	271		24.10		
100	PI/2 BPSK	135	0		23.40		
100	PI/2 BPSK	135	69		23.84		24.5
100	PI/2 BPSK	135	138		23.40		
100	PI/2 BPSK	270	0		23.41		
100	QPSK	1	1		24.25		25.0
100	QPSK	1	137		23.82		
100	QPSK	1	271		24.11		
100	QPSK	135	0		22.91		24.0
100	QPSK	135	69		23.85		
100	QPSK	135	138		22.90		
100	QPSK	270	0		22.92		24.0
100	16QAM	1	1		23.28		
100	64QAM	1	1		21.65		
100	256QAM	1	1		19.73		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.18	24.17	24.25	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.23	24.20	24.24	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.21	24.23	24.20	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.16	24.20	24.16	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.24	24.16	24.25	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.18	24.22	24.20	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.20	24.23	24.19	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.22	24.22	24.18	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.19	24.25	24.23	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.16	24.17	24.20	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.23	24.24	24.16	



<FR1 n78_Ant 6_Index 4> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.82		20.4
100	PI/2 BPSK	1	137		19.77		
100	PI/2 BPSK	1	271		19.69		
100	PI/2 BPSK	135	0		19.76		20.4
100	PI/2 BPSK	135	69		20.00		20.4
100	PI/2 BPSK	135	138		19.75		20.4
100	PI/2 BPSK	270	0		19.92		
100	QPSK	1	1		19.71		20.4
100	QPSK	1	137		19.68		
100	QPSK	1	271		19.77		
100	QPSK	135	0		19.61		20.4
100	QPSK	135	69		19.98		20.4
100	QPSK	135	138		19.67		20.4
100	QPSK	270	0		19.81		
100	16QAM	1	1		19.76		20.4
100	64QAM	1	1		19.72		20.4
100	256QAM	1	1		19.20		20.4
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.77	19.80	19.72	20.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.74	19.77	19.76	20.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.73	19.75	19.76	20.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.72	19.80	19.70	20.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.80	19.77	19.75	20.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.77	19.70	19.72	20.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.78	19.79	19.71	20.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.75	19.79	19.74	20.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.72	19.72	19.79	20.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.72	19.76	19.78	20.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.74	19.77	19.70	20.4



<FR1 n78_Ant 6_Index 5> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.82		21.1
100	PI/2 BPSK	1	137		19.77		
100	PI/2 BPSK	1	271		19.69		
100	PI/2 BPSK	135	0		19.76		21.1
100	PI/2 BPSK	135	69		20.00		21.1
100	PI/2 BPSK	135	138		19.75		21.1
100	PI/2 BPSK	270	0		19.92		
100	QPSK	1	1		19.71		21.1
100	QPSK	1	137		19.68		
100	QPSK	1	271		19.77		
100	QPSK	135	0		19.61		21.1
100	QPSK	135	69		19.98		21.1
100	QPSK	135	138		19.67		21.1
100	QPSK	270	0		19.81		
100	16QAM	1	1		19.76		21.1
100	64QAM	1	1		19.72		21.1
100	256QAM	1	1		19.20		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.77	19.80	19.72	21.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.74	19.77	19.76	21.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.73	19.75	19.76	21.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.72	19.80	19.70	21.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.80	19.77	19.75	21.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.77	19.70	19.72	21.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.78	19.79	19.71	21.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.75	19.79	19.74	21.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.72	19.72	19.79	21.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.72	19.76	19.78	21.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.74	19.77	19.70	21.1



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.82		20.4
100	PI/2 BPSK	1	137		19.77		
100	PI/2 BPSK	1	271		19.69		
100	PI/2 BPSK	135	0		19.76		20.4
100	PI/2 BPSK	135	69		20.00		20.4
100	PI/2 BPSK	135	138		19.75		20.4
100	PI/2 BPSK	270	0		19.92		
100	QPSK	1	1		19.71		20.4
100	QPSK	1	137		19.68		
100	QPSK	1	271		19.77		
100	QPSK	135	0		19.61		20.4
100	QPSK	135	69		19.98		20.4
100	QPSK	135	138		19.67		20.4
100	QPSK	270	0		19.81		
100	16QAM	1	1		19.76		20.4
100	64QAM	1	1		19.72		20.4
100	256QAM	1	1		19.20		20.4
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.77	19.80	19.72	20.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.74	19.77	19.76	20.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.73	19.75	19.76	20.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.72	19.80	19.70	20.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.80	19.77	19.75	20.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.77	19.70	19.72	20.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.78	19.79	19.71	20.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.75	19.79	19.74	20.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.72	19.72	19.79	20.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.72	19.76	19.78	20.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.74	19.77	19.70	20.4



<FR1 n78_Ant 7_Index 2> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.32		24.4
100	PI/2 BPSK	1	137		23.64		
100	PI/2 BPSK	1	271		23.29		
100	PI/2 BPSK	135	0		22.96		23.9
100	PI/2 BPSK	135	69		23.51		24.4
100	PI/2 BPSK	135	138		22.92		23.9
100	PI/2 BPSK	270	0		23.01		
100	QPSK	1	1		23.29		24.4
100	QPSK	1	137		23.60		
100	QPSK	1	271		23.29		
100	QPSK	135	0		22.49		23.4
100	QPSK	135	69		23.58		24.4
100	QPSK	135	138		22.44		23.4
100	QPSK	270	0		22.50		
100	16QAM	1	1		22.38		23.4
100	64QAM	1	1		20.89		21.9
100	256QAM	1	1		19.09		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.28	23.31	23.30	24.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.22	23.21	23.20	24.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.17	23.20	23.21	24.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.19	23.24	23.19	24.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.16	23.25	23.22	24.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.20	23.24	23.21	24.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.19	23.23	23.24	24.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.19	23.19	23.24	24.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.20	23.20	23.19	24.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.23	23.19	23.23	24.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.18	23.20	23.21	24.4



<FR1 n78_Ant 7_Index 3> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.32		24.4
100	PI/2 BPSK	1	137		23.64		
100	PI/2 BPSK	1	271		23.29		
100	PI/2 BPSK	135	0		22.96		23.9
100	PI/2 BPSK	135	69		23.51		24.4
100	PI/2 BPSK	135	138		22.92		23.9
100	PI/2 BPSK	270	0		23.01		
100	QPSK	1	1		23.29		24.4
100	QPSK	1	137		23.60		
100	QPSK	1	271		23.29		
100	QPSK	135	0		22.49		23.4
100	QPSK	135	69		23.58		24.4
100	QPSK	135	138		22.44		23.4
100	QPSK	270	0		22.50		
100	16QAM	1	1		22.38		23.4
100	64QAM	1	1		20.89		21.9
100	256QAM	1	1		19.09		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.28	23.31	23.30	24.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.22	23.21	23.20	24.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.17	23.20	23.21	24.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.19	23.24	23.19	24.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.16	23.25	23.22	24.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.20	23.24	23.21	24.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.19	23.23	23.24	24.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.19	23.19	23.24	24.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.20	23.20	23.19	24.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.23	23.19	23.23	24.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.18	23.20	23.21	24.4



<FR1 n78_Ant 7_Index 4> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.02		21.8
100	PI/2 BPSK	1	137		21.00		
100	PI/2 BPSK	1	271		21.00		
100	PI/2 BPSK	135	0		21.19		21.8
100	PI/2 BPSK	135	69		21.18		21.8
100	PI/2 BPSK	135	138		21.11		21.8
100	PI/2 BPSK	270	0		21.09		
100	QPSK	1	1		21.03		21.8
100	QPSK	1	137		21.02		
100	QPSK	1	271		21.01		
100	QPSK	135	0		21.14		21.8
100	QPSK	135	69		21.11		21.8
100	QPSK	135	138		21.03		21.8
100	QPSK	270	0		21.07		
100	16QAM	1	1		20.95		21.8
100	64QAM	1	1		20.96		21.2
100	256QAM	1	1		18.96		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.14	21.10	21.12	21.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.15	21.17	21.16	21.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.15	21.16	21.15	21.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.09	21.10	21.15	21.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.11	21.11	21.13	21.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.12	21.12	21.16	21.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.09	21.11	21.13	21.8
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.15	21.17	21.13	21.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.10	21.12	21.16	21.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.12	21.16	21.09	21.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.16	21.15	21.13	21.8



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.02		
100	PI/2 BPSK	1	137		21.00		22.5
100	PI/2 BPSK	1	271		21.00		
100	PI/2 BPSK	135	0		21.19		
100	PI/2 BPSK	135	69		21.18		22.5
100	PI/2 BPSK	135	138		21.11		22.5
100	PI/2 BPSK	270	0		21.09		
100	QPSK	1	1		21.03		
100	QPSK	1	137		21.02		22.5
100	QPSK	1	271		21.01		
100	QPSK	135	0		21.14		
100	QPSK	135	69		21.11		22.5
100	QPSK	135	138		21.03		22.5
100	QPSK	270	0		21.07		
100	16QAM	1	1		20.95		
100	64QAM	1	1		20.96		21.9
100	256QAM	1	1		18.96		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.14	21.10	21.12	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.15	21.17	21.16	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.15	21.16	21.15	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.09	21.10	21.15	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.11	21.11	21.13	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.12	21.12	21.16	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.09	21.11	21.13	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.15	21.17	21.13	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.10	21.12	21.16	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.12	21.16	21.09	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.16	21.15	21.13	



<FR1 n78_Ant 7_Index 6> Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.02		21.8
100	PI/2 BPSK	1	137		21.00		
100	PI/2 BPSK	1	271		21.00		
100	PI/2 BPSK	135	0		21.19		21.8
100	PI/2 BPSK	135	69		21.18		21.8
100	PI/2 BPSK	135	138		21.11		21.8
100	PI/2 BPSK	270	0		21.09		
100	QPSK	1	1		21.03		21.8
100	QPSK	1	137		21.02		
100	QPSK	1	271		21.01		
100	QPSK	135	0		21.14		21.8
100	QPSK	135	69		21.11		21.8
100	QPSK	135	138		21.03		21.8
100	QPSK	270	0		21.07		
100	16QAM	1	1		20.95		21.8
100	64QAM	1	1		20.96		21.2
100	256QAM	1	1		18.96		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.14	21.10	21.12	21.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.15	21.17	21.16	21.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.15	21.16	21.15	21.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.09	21.10	21.15	21.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.11	21.11	21.13	21.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.12	21.12	21.16	21.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.09	21.11	21.13	21.8
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.15	21.17	21.13	21.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.10	21.12	21.16	21.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.12	21.16	21.09	21.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.16	21.15	21.13	21.8



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.74		19.9
100	PI/2 BPSK	1	137		18.65		
100	PI/2 BPSK	1	271		18.77		
100	PI/2 BPSK	135	0		18.68		19.9
100	PI/2 BPSK	135	69		18.83		19.9
100	PI/2 BPSK	135	138		18.74		19.9
100	PI/2 BPSK	270	0		18.85		
100	QPSK	1	1		18.62		19.9
100	QPSK	1	137		18.64		
100	QPSK	1	271		18.69		
100	QPSK	135	0		18.53		19.9
100	QPSK	135	69		18.71		19.9
100	QPSK	135	138		18.64		19.9
100	QPSK	270	0		18.73		
100	16QAM	1	1		18.78		19.9
100	64QAM	1	1		18.71		19.9
100	256QAM	1	1		18.83		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.75	18.73	18.83	19.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.75	18.75	18.82	19.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.83	18.77	18.75	19.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.79	18.74	18.81	19.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.76	18.74	18.75	19.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.78	18.75	18.76	19.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.82	18.80	18.83	19.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.75	18.82	18.76	19.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.80	18.82	18.82	19.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.73	18.83	18.76	19.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.82	18.73	18.82	19.9



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.74		19.2
100	PI/2 BPSK	1	137		18.65		
100	PI/2 BPSK	1	271		18.77		
100	PI/2 BPSK	135	0		18.68		19.2
100	PI/2 BPSK	135	69		18.83		19.2
100	PI/2 BPSK	135	138		18.74		19.2
100	PI/2 BPSK	270	0		18.85		
100	QPSK	1	1		18.62		19.2
100	QPSK	1	137		18.64		
100	QPSK	1	271		18.69		
100	QPSK	135	0		18.53		19.2
100	QPSK	135	69		18.71		19.2
100	QPSK	135	138		18.64		19.2
100	QPSK	270	0		18.73		
100	16QAM	1	1		18.78		19.2
100	64QAM	1	1		18.71		19.2
100	256QAM	1	1		18.83		19.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.75	18.73	18.83	19.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.75	18.75	18.82	19.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.83	18.77	18.75	19.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.79	18.74	18.81	19.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.76	18.74	18.75	19.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.78	18.75	18.76	19.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.82	18.80	18.83	19.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.75	18.82	18.76	19.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.80	18.82	18.82	19.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.73	18.83	18.76	19.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.82	18.73	18.82	19.2



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.20		24.2
100	PI/2 BPSK	1	137		24.10		
100	PI/2 BPSK	1	271		24.09		
100	PI/2 BPSK	135	0		23.92		24.2
100	PI/2 BPSK	135	69		23.91		24.2
100	PI/2 BPSK	135	138		23.86		24.2
100	PI/2 BPSK	270	0		24.01		
100	QPSK	1	1		24.12		24.2
100	QPSK	1	137		24.08		
100	QPSK	1	271		24.00		
100	QPSK	135	0		23.83		24.2
100	QPSK	135	69		23.88		24.2
100	QPSK	135	138		23.88		24.2
100	QPSK	270	0		23.86		
100	16QAM	1	1		23.87		24.2
100	64QAM	1	1		22.60		23.7
100	256QAM	1	1		20.71		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.07	24.08	24.05	24.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.04	24.00	24.05	24.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.03	24.04	24.10	24.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.08	24.01	24.09	24.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.06	24.04	24.03	24.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.10	24.01	24.04	24.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.09	24.00	24.04	24.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.09	24.00	24.06	24.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.08	24.03	24.06	24.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.06	24.02	24.06	24.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.02	24.04	24.04	24.2



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.32		26.2
100	PI/2 BPSK	1	137		24.93		
100	PI/2 BPSK	1	271		24.96		
100	PI/2 BPSK	135	0		24.52		25.7
100	PI/2 BPSK	135	69		24.99		26.2
100	PI/2 BPSK	135	138		24.38		25.7
100	PI/2 BPSK	270	0		24.55		
100	QPSK	1	1		24.31		26.2
100	QPSK	1	137		24.93		
100	QPSK	1	271		24.99		
100	QPSK	135	0		24.09		25.2
100	QPSK	135	69		25.03		26.2
100	QPSK	135	138		24.02		25.2
100	QPSK	270	0		24.06		
100	16QAM	1	1		24.42		25.2
100	64QAM	1	1		22.77		23.7
100	256QAM	1	1		20.83		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.25	25.21	25.19	26.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.22	25.29	25.26	26.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.20	25.14	25.29	26.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.23	25.23	25.18	26.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.23	25.28	25.21	26.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.20	25.24	25.26	26.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.26	25.24	25.25	26.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.30	25.19	25.28	26.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.23	25.25	25.20	26.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.13	25.27	25.19	26.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.17	25.19	25.22	26.2



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.32		25.5
100	PI/2 BPSK	1	137		24.93		
100	PI/2 BPSK	1	271		24.96		
100	PI/2 BPSK	135	0		24.52		25.5
100	PI/2 BPSK	135	69		24.99		25.5
100	PI/2 BPSK	135	138		24.38		25.5
100	PI/2 BPSK	270	0		24.55		
100	QPSK	1	1		24.31		25.5
100	QPSK	1	137		24.93		
100	QPSK	1	271		24.99		
100	QPSK	135	0		24.09		25.2
100	QPSK	135	69		25.03		25.5
100	QPSK	135	138		24.02		25.2
100	QPSK	270	0		24.06		
100	16QAM	1	1		24.42		25.2
100	64QAM	1	1		22.77		23.7
100	256QAM	1	1		20.83		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.25	25.21	25.19	25.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.22	25.29	25.26	25.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.20	25.14	25.29	25.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.23	25.23	25.18	25.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.23	25.28	25.21	25.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.20	25.24	25.26	25.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.26	25.24	25.25	25.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.30	25.19	25.28	25.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.23	25.25	25.20	25.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.13	25.27	25.19	25.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.17	25.19	25.22	25.5



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.80		22.6
100	PI/2 BPSK	1	137		21.63		
100	PI/2 BPSK	1	271		21.74		
100	PI/2 BPSK	135	0		21.56		22.6
100	PI/2 BPSK	135	69		21.51		22.6
100	PI/2 BPSK	135	138		21.41		22.6
100	PI/2 BPSK	270	0		21.52		
100	QPSK	1	1		21.69		22.6
100	QPSK	1	137		21.67		
100	QPSK	1	271		21.76		
100	QPSK	135	0		21.40		22.6
100	QPSK	135	69		21.40		22.6
100	QPSK	135	138		21.41		22.6
100	QPSK	270	0		21.41		
100	16QAM	1	1		21.60		22.6
100	64QAM	1	1		21.60		22.6
100	256QAM	1	1		20.61		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.75	21.69	21.73	22.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.69	21.78	21.72	22.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.77	21.77	21.75	22.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.72	21.69	21.69	22.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.71	21.78	21.79	22.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.76	21.74	21.72	22.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.78	21.79	21.77	22.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.77	21.79	21.71	22.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.76	21.71	21.70	22.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.74	21.78	21.75	22.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.78	21.79	21.72	22.6



FCC SAR TEST REPORT

Report No. : FA3N2325D

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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.80		21.9
100	PI/2 BPSK	1	137		21.63		
100	PI/2 BPSK	1	271		21.74		
100	PI/2 BPSK	135	0		21.56		21.9
100	PI/2 BPSK	135	69		21.51		21.9
100	PI/2 BPSK	135	138		21.41		21.9
100	PI/2 BPSK	270	0		21.52		
100	QPSK	1	1		21.69		21.9
100	QPSK	1	137		21.67		
100	QPSK	1	271		21.76		
100	QPSK	135	0		21.40		21.9
100	QPSK	135	69		21.40		21.9
100	QPSK	135	138		21.41		21.9
100	QPSK	270	0		21.41		
100	16QAM	1	1		21.60		21.9
100	64QAM	1	1		21.60		21.9
100	256QAM	1	1		20.61		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.75	21.69	21.73	21.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.69	21.78	21.72	21.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.77	21.77	21.75	21.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.72	21.69	21.69	21.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.71	21.78	21.79	21.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.76	21.74	21.72	21.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.78	21.79	21.77	21.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.77	21.79	21.71	21.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.76	21.71	21.70	21.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.74	21.78	21.75	21.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.78	21.79	21.72	21.9



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.23		26.2
100	PI/2 BPSK	1	137		24.76		
100	PI/2 BPSK	1	271		24.65		
100	PI/2 BPSK	135	0		24.48		25.7
100	PI/2 BPSK	135	69		24.81		26.2
100	PI/2 BPSK	135	138		24.16		25.7
100	PI/2 BPSK	270	0		24.36		
100	QPSK	1	1		25.22		26.2
100	QPSK	1	137		24.80		
100	QPSK	1	271		24.68		
100	QPSK	135	0		24.08		25.2
100	QPSK	135	69		24.82		26.2
100	QPSK	135	138		24.06		25.2
100	QPSK	270	0		23.85		
100	16QAM	1	1		24.30		25.2
100	64QAM	1	1		22.67		23.7
100	256QAM	1	1		20.74		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.13	25.14	25.16	26.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.18	25.13	25.15	26.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.13	25.13	25.19	26.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.17	25.21	25.19	26.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.20	25.17	25.20	26.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.13	25.13	25.21	26.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.15	25.21	25.17	26.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.15	25.19	25.20	26.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.16	25.15	25.14	26.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.14	25.18	25.17	26.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.20	25.18	25.19	26.2



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.23		26.2
100	PI/2 BPSK	1	137		24.76		
100	PI/2 BPSK	1	271		24.65		
100	PI/2 BPSK	135	0		24.48		25.7
100	PI/2 BPSK	135	69		24.81		26.2
100	PI/2 BPSK	135	138		24.16		25.7
100	PI/2 BPSK	270	0		24.36		
100	QPSK	1	1		25.22		26.2
100	QPSK	1	137		24.80		
100	QPSK	1	271		24.68		
100	QPSK	135	0		24.08		25.2
100	QPSK	135	69		24.82		26.2
100	QPSK	135	138		24.06		25.2
100	QPSK	270	0		23.85		
100	16QAM	1	1		24.30		25.2
100	64QAM	1	1		22.67		23.7
100	256QAM	1	1		20.74		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.13	25.14	25.16	26.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.18	25.13	25.15	26.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.13	25.13	25.19	26.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.17	25.21	25.19	26.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.20	25.17	25.20	26.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.13	25.13	25.21	26.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.15	25.21	25.17	26.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.15	25.19	25.20	26.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.16	25.15	25.14	26.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.14	25.18	25.17	26.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.20	25.18	25.19	26.2



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.23		26.2
100	PI/2 BPSK	1	137		24.76		
100	PI/2 BPSK	1	271		24.65		
100	PI/2 BPSK	135	0		24.48		25.7
100	PI/2 BPSK	135	69		24.81		26.2
100	PI/2 BPSK	135	138		24.16		25.7
100	PI/2 BPSK	270	0		24.36		
100	QPSK	1	1		25.22		26.2
100	QPSK	1	137		24.80		
100	QPSK	1	271		24.68		
100	QPSK	135	0		24.08		25.2
100	QPSK	135	69		24.82		26.2
100	QPSK	135	138		24.06		25.2
100	QPSK	270	0		23.85		
100	16QAM	1	1		24.30		25.2
100	64QAM	1	1		22.67		23.7
100	256QAM	1	1		20.74		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.13	25.14	25.16	26.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.18	25.13	25.15	26.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.13	25.13	25.19	26.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.17	25.21	25.19	26.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.20	25.17	25.20	26.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.13	25.13	25.21	26.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.15	25.21	25.17	26.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.15	25.19	25.20	26.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.16	25.15	25.14	26.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.14	25.18	25.17	26.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.20	25.18	25.19	26.2



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.25		27.1
100	PI/2 BPSK	1	137		25.85		
100	PI/2 BPSK	1	271		26.14		
100	PI/2 BPSK	135	0		25.46		26.6
100	PI/2 BPSK	135	69		25.92		27.1
100	PI/2 BPSK	135	138		25.46		26.6
100	PI/2 BPSK	270	0		25.48		
100	QPSK	1	1		26.24		27.1
100	QPSK	1	137		25.88		
100	QPSK	1	271		26.18		
100	QPSK	135	0		24.98		26.1
100	QPSK	135	69		25.93		27.1
100	QPSK	135	138		24.98		26.1
100	QPSK	270	0		25.00		
100	16QAM	1	1		25.35		26.1
100	64QAM	1	1		23.73		24.6
100	256QAM	1	1		21.78		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.06	26.12	26.12	27.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.13	26.13	26.15	27.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.13	26.13	26.15	27.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.13	26.09	26.10	27.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.13	26.05	26.12	27.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.07	26.10	26.15	27.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.07	26.06	26.11	27.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.15	26.05	26.06	27.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.08	26.14	26.12	27.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.12	26.13	26.08	27.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.13	26.08	26.08	27.1



FCC SAR TEST REPORT

Report No. : FA3N2325D

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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.25		27.1
100	PI/2 BPSK	1	137		25.85		
100	PI/2 BPSK	1	271		26.14		
100	PI/2 BPSK	135	0		25.46		26.6
100	PI/2 BPSK	135	69		25.92		27.1
100	PI/2 BPSK	135	138		25.46		26.6
100	PI/2 BPSK	270	0		25.48		
100	QPSK	1	1		26.24		27.1
100	QPSK	1	137		25.88		
100	QPSK	1	271		26.18		
100	QPSK	135	0		24.98		26.1
100	QPSK	135	69		25.93		27.1
100	QPSK	135	138		24.98		26.1
100	QPSK	270	0		25.00		
100	16QAM	1	1		25.35		26.1
100	64QAM	1	1		23.73		24.6
100	256QAM	1	1		21.78		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.06	26.12	26.12	27.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.13	26.13	26.15	27.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.13	26.13	26.15	27.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.13	26.09	26.10	27.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.13	26.05	26.12	27.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.07	26.10	26.15	27.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.07	26.06	26.11	27.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.15	26.05	26.06	27.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.08	26.14	26.12	27.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.12	26.13	26.08	27.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.13	26.08	26.08	27.1



FCC SAR TEST REPORT

Report No. : FA3N2325D

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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.95		23.5
100	PI/2 BPSK	1	137		22.95		
100	PI/2 BPSK	1	271		22.88		
100	PI/2 BPSK	135	0		22.84		23.5
100	PI/2 BPSK	135	69		23.06		23.5
100	PI/2 BPSK	135	138		22.86		23.5
100	PI/2 BPSK	270	0		22.98		
100	QPSK	1	1		22.90		23.5
100	QPSK	1	137		22.81		
100	QPSK	1	271		22.81		
100	QPSK	135	0		22.66		23.5
100	QPSK	135	69		22.91		23.5
100	QPSK	135	138		22.91		23.5
100	QPSK	270	0		22.84		
100	16QAM	1	1		22.91		23.5
100	64QAM	1	1		22.82		23.5
100	256QAM	1	1		21.52		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.78	22.87	22.80	23.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.88	22.85	22.78	23.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.88	22.81	22.80	23.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.87	22.80	22.80	23.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.86	22.85	22.78	23.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.87	22.83	22.78	23.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.83	22.82	22.85	23.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.87	22.87	22.86	23.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.86	22.80	22.87	23.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.88	22.83	22.87	23.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.88	22.81	22.84	23.5



FCC SAR TEST REPORT

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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.95		24.2
100	PI/2 BPSK	1	137		22.95		
100	PI/2 BPSK	1	271		22.88		
100	PI/2 BPSK	135	0		22.84		24.2
100	PI/2 BPSK	135	69		23.06		24.2
100	PI/2 BPSK	135	138		22.86		24.2
100	PI/2 BPSK	270	0		22.98		
100	QPSK	1	1		22.90		24.2
100	QPSK	1	137		22.81		
100	QPSK	1	271		22.81		
100	QPSK	135	0		22.66		24.2
100	QPSK	135	69		22.91		24.2
100	QPSK	135	138		22.91		24.2
100	QPSK	270	0		22.84		
100	16QAM	1	1		22.91		24.2
100	64QAM	1	1		22.82		24.2
100	256QAM	1	1		21.52		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.78	22.87	22.80	24.2
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.88	22.85	22.78	24.2
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.88	22.81	22.80	24.2
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.87	22.80	22.80	24.2
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.86	22.85	22.78	24.2
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.87	22.83	22.78	24.2
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.83	22.82	22.85	24.2
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.87	22.87	22.86	24.2
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.86	22.80	22.87	24.2
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.88	22.83	22.87	24.2
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.88	22.81	22.84	24.2



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.95		23.5
100	PI/2 BPSK	1	137		22.95		
100	PI/2 BPSK	1	271		22.88		
100	PI/2 BPSK	135	0		22.84		23.5
100	PI/2 BPSK	135	69		23.06		23.5
100	PI/2 BPSK	135	138		22.86		23.5
100	PI/2 BPSK	270	0		22.98		
100	QPSK	1	1		22.90		23.5
100	QPSK	1	137		22.81		
100	QPSK	1	271		22.81		
100	QPSK	135	0		22.66		23.5
100	QPSK	135	69		22.91		23.5
100	QPSK	135	138		22.91		23.5
100	QPSK	270	0		22.84		
100	16QAM	1	1		22.91		23.5
100	64QAM	1	1		22.82		23.5
100	256QAM	1	1		21.52		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.78	22.87	22.80	23.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.88	22.85	22.78	23.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.88	22.81	22.80	23.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.87	22.80	22.80	23.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.86	22.85	22.78	23.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.87	22.83	22.78	23.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.83	22.82	22.85	23.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.87	22.87	22.86	23.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.86	22.80	22.87	23.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.88	22.83	22.87	23.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.88	22.81	22.84	23.5



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.34		26.5
100	PI/2 BPSK	1	137		25.60		
100	PI/2 BPSK	1	271		25.37		
100	PI/2 BPSK	135	0		24.96		26.0
100	PI/2 BPSK	135	69		25.57		26.5
100	PI/2 BPSK	135	138		24.93		26.0
100	PI/2 BPSK	270	0		24.99		
100	QPSK	1	1		25.29		26.5
100	QPSK	1	137		25.51		
100	QPSK	1	271		25.35		
100	QPSK	135	0		24.45		25.5
100	QPSK	135	69		25.56		26.5
100	QPSK	135	138		24.42		25.5
100	QPSK	270	0		24.44		
100	16QAM	1	1		24.33		25.5
100	64QAM	1	1		22.88		24.0
100	256QAM	1	1		21.12		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.28	25.33	25.31	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.18	25.23	25.21	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.21	25.24	25.22	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.21	25.25	25.23	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.17	25.23	25.25	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.23	25.24	25.23	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.22	25.27	25.20	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.18	25.25	25.26	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.23	25.23	25.24	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.17	25.27	25.25	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.17	25.22	25.23	26.5



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.34		26.5
100	PI/2 BPSK	1	137		25.60		
100	PI/2 BPSK	1	271		25.37		
100	PI/2 BPSK	135	0		24.96		26.0
100	PI/2 BPSK	135	69		25.57		26.5
100	PI/2 BPSK	135	138		24.93		26.0
100	PI/2 BPSK	270	0		24.99		
100	QPSK	1	1		25.29		26.5
100	QPSK	1	137		25.51		
100	QPSK	1	271		25.35		
100	QPSK	135	0		24.45		25.5
100	QPSK	135	69		25.56		26.5
100	QPSK	135	138		24.42		25.5
100	QPSK	270	0		24.44		
100	16QAM	1	1		24.33		25.5
100	64QAM	1	1		22.88		24.0
100	256QAM	1	1		21.12		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.28	25.33	25.31	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.18	25.23	25.21	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.21	25.24	25.22	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.21	25.25	25.23	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.17	25.23	25.25	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.23	25.24	25.23	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.22	25.27	25.20	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.18	25.25	25.26	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.23	25.23	25.24	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.17	25.27	25.25	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.17	25.22	25.23	26.5



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.03		24.9
100	PI/2 BPSK	1	137		24.01		
100	PI/2 BPSK	1	271		23.98		
100	PI/2 BPSK	135	0		24.17		24.9
100	PI/2 BPSK	135	69		24.21		24.9
100	PI/2 BPSK	135	138		24.16		24.9
100	PI/2 BPSK	270	0		24.12		
100	QPSK	1	1		24.01		24.9
100	QPSK	1	137		23.96		
100	QPSK	1	271		23.89		
100	QPSK	135	0		24.12		24.9
100	QPSK	135	69		24.20		24.9
100	QPSK	135	138		24.03		24.9
100	QPSK	270	0		23.96		
100	16QAM	1	1		23.96		24.9
100	64QAM	1	1		22.56		24.0
100	256QAM	1	1		20.84		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.83	23.94	23.90	24.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.87	23.96	23.94	24.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.86	23.93	23.96	24.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.81	24.02	23.94	24.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.88	23.92	23.91	24.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.84	24.01	23.92	24.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.79	23.97	23.96	24.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.78	23.99	23.95	24.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.88	23.96	23.96	24.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.79	23.99	23.89	24.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.80	23.95	23.92	24.9



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.03		25.6
100	PI/2 BPSK	1	137		24.01		
100	PI/2 BPSK	1	271		23.98		
100	PI/2 BPSK	135	0		24.17		25.6
100	PI/2 BPSK	135	69		24.21		25.6
100	PI/2 BPSK	135	138		24.16		25.6
100	PI/2 BPSK	270	0		24.12		
100	QPSK	1	1		24.01		25.6
100	QPSK	1	137		23.96		
100	QPSK	1	271		23.89		
100	QPSK	135	0		24.12		25.5
100	QPSK	135	69		24.20		25.6
100	QPSK	135	138		24.03		25.5
100	QPSK	270	0		23.96		
100	16QAM	1	1		23.96		25.5
100	64QAM	1	1		22.56		24.0
100	256QAM	1	1		20.84		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.83	23.94	23.90	25.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.87	23.96	23.94	25.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.86	23.93	23.96	25.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.81	24.02	23.94	25.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.88	23.92	23.91	25.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.84	24.01	23.92	25.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.79	23.97	23.96	25.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.78	23.99	23.95	25.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.88	23.96	23.96	25.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.79	23.99	23.89	25.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.80	23.95	23.92	25.6



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Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.03		24.9
100	PI/2 BPSK	1	137		24.01		
100	PI/2 BPSK	1	271		23.98		
100	PI/2 BPSK	135	0		24.17		24.9
100	PI/2 BPSK	135	69		24.21		24.9
100	PI/2 BPSK	135	138		24.16		24.9
100	PI/2 BPSK	270	0		24.12		
100	QPSK	1	1		24.01		24.9
100	QPSK	1	137		23.96		
100	QPSK	1	271		23.89		
100	QPSK	135	0		24.12		24.9
100	QPSK	135	69		24.20		24.9
100	QPSK	135	138		24.03		24.9
100	QPSK	270	0		23.96		
100	16QAM	1	1		23.96		24.9
100	64QAM	1	1		22.56		24.0
100	256QAM	1	1		20.84		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.83	23.94	23.90	24.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.87	23.96	23.94	24.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.86	23.93	23.96	24.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.81	24.02	23.94	24.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.88	23.92	23.91	24.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.84	24.01	23.92	24.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.79	23.97	23.96	24.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.78	23.99	23.95	24.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.88	23.96	23.96	24.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.79	23.99	23.89	24.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.80	23.95	23.92	24.9

<Non-terrestrial Network Note>
General Note:

1. Due to test setup limitations, SAR testing for Non-terrestrial Network was performed using Factory Test Mode software to establish the connection.

<Band 23_Ant 1_Index 1/5>

Sub-carrier Spacing (KHz)	Modulation	SC Size	SC Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				25501	25600	25699	
Frequency (MHz)				2000.1	2010	2019.9	
3.75	BPSK	1	0	21.95	22.00	21.93	23.7
3.75	BPSK	1	46	22.19	22.10	22.15	
3.75	QPSK	1	0	22.00	21.88	22.02	
3.75	QPSK	1	46	22.22	22.03	22.18	
15	BPSK	1	0	22.37	22.25	22.30	
15	BPSK	1	10	22.33	22.21	22.24	
15	QPSK	1	0	22.36	22.23	22.29	
15	QPSK	1	10	22.35	22.19	22.21	
15	QPSK	12	0	20.58	20.56	20.55	21.7

< Band 255_Ant 5_Index 1/5>

Sub-carrier Spacing (KHz)	Modulation	SC Size	SC Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				261505	261674	261843	
Frequency (MHz)				1626.6	1643.5	1660.4	
3.75	BPSK	1	0	22.37	22.12	22.33	23.5
3.75	BPSK	1	46	22.37	22.11	22.31	
3.75	QPSK	1	0	22.35	22.13	22.40	
3.75	QPSK	1	46	22.35	22.25	22.33	
15	BPSK	1	0	22.41	22.09	22.33	
15	BPSK	1	10	22.40	22.23	22.38	
15	QPSK	1	0	22.34	22.07	22.32	
15	QPSK	1	10	22.39	22.19	22.36	
15	QPSK	12	0	20.82	20.78	20.78	21.5

<WLAN Note>

1. The SISO mode support only when the Antenna 3 and 4 is transmitting on 802.11b mode, other support MIMO mode.
2. The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures. For "Not required", SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, additional output power measurements were not necessary.
3. Per KDB 248227 D01v02r02, SAR test reduction is determined according to 802.11 transmission mode configurations and certain exposure conditions with multiple test positions. In the 2.4 GHz band, separate SAR procedures are applied to DSSS and OFDM configurations to simplify DSSS test requirements. For OFDM, in both 2.4 and 5 GHz bands, an initial test configuration must be determined for each standalone and aggregated frequency band, according to the transmission mode configuration with the highest maximum output power specified for production units to perform SAR measurements. If the same highest maximum output power applies to different combinations of channel bandwidths, modulations and data rates, additional procedures are applied to determine which test configurations require SAR measurement. When applicable, an initial test position may be applied to reduce the number of SAR measurements required for next to the ear, UMPC mini-tablet or hotspot mode configurations with multiple test positions.
4. For 2.4 GHz 802.11b DSSS, either the initial test position procedure for multiple exposure test positions or the DSSS procedure for fixed exposure position is applied; these are mutually exclusive. For 2.4 GHz and 5 GHz OFDM configurations, the initial test configuration is applied to measure SAR using either the initial test position procedure for multiple exposure test position configurations or the initial test configuration procedures for fixed exposure test conditions. Based on the reported SAR of the measured configurations and maximum output power of the transmission mode configurations that are not included in the initial test configuration, the subsequent test configuration and initial test position procedures are applied to determine if SAR measurements are required for the remaining OFDM transmission configurations. In general, the number of test channels that require SAR measurement is minimized based on maximum output power measured for the test sample(s).
5. For OFDM transmission configurations in the 2.4 GHz and 5 GHz bands, When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel for each frequency band.
6. DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures.18 The initial test position procedure is described in the following:
 - a. When the reported SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band.
 - b. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
 - c. For all positions/configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
7. Per 201904 TCBC workshops, General principles of FCC KDB Publication 248227 D01 can be applied to determine the SAR Initial Test Configurations and test reduction for 802.11ax SAR testing. For the table below the 802.11ax maximum power is SU (non-OFDMA), and the SU maximum power also higher than RU (OFDMA)
8. In applying the test guidance, the IEEE 802.11 mode with the maximum output power (out of all modes) should be considered for testing
9. For modes with the same maximum output power, the guidance from section 5.3.2 a) of FCC KDB Publication 248227 D01 should be applied, with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency bands
10. When SAR testing for 802.11ax is required
 - a. If the maximum output power is highest for OFDMA scenarios, choose the tone size with the maximum number of tones and the highest maximum output power
 - b. Otherwise, consider the fully allocated channel for SAR testing
 - c. When SAR testing is required on RU sizes less than the fully allocated channel, use the RU number closest to the middle of the channel, choosing the higher RU number when two RUs are equidistant to the middle of the channel

<Bluetooth>

1. For 2.4GHz Bluetooth SAR testing was selected ER/EDR 1Mbps due to its highest average power and duty cycle list below are considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation, for the duty cycle figure and output power include in appendix D.

Bluetooth	Power Index	Antenna	Duty Cycle %
	1/2/3/4	Ant 4	77.13
	1/2/3/4	Ant 3	77.13
	1/2/3/4	Ant 4+3	77.13

WLAN 2.4GHz Power index 1

				Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.35	19.00	100.00
		6	2437	17.35	19.00	
		11	2462	17.45	19.00	
		12	2467	17.05	19.00	
		13	2472	17.35	19.00	

				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.38	19.00	100.00
		6	2437	17.28	19.00	
		11	2462	17.38	19.00	
		12	2467	17.28	19.00	
		13	2472	17.38	19.00	

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11g 6Mbps	1	2412	18.15	19.00	18.18	19.00	21.18	22.00	100.00
		6	2437	17.85	19.00	18.08	19.00	20.98	22.00	
		11	2462	17.35	17.50	17.28	17.50	20.33	20.50	
		12	2467	14.85	15.50	15.28	15.50	18.08	18.50	
		13	2472	8.85	9.00	8.98	9.00	11.93	12.00	
	802.11n-HT20 MCS0	1	2412	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		6	2437		19.00		19.00		22.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		19.00		19.00		22.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		19.00		19.00		22.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		19.00		19.00		22.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	

WLAN 2.4GHz Power index 2

				Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.35	18.00	100.00
		6	2437	17.35	18.00	
		11	2462	17.45	18.00	
		12	2467	17.05	18.00	
		13	2472	17.35	18.00	

				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.38	18.00	100.00
		6	2437	17.28	18.00	
		11	2462	17.38	18.00	
		12	2467	17.28	18.00	
		13	2472	17.38	18.00	

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	16.95	18.00	17.38	18.00	20.18	21.00	100.00
		6	2437	16.55	18.00	17.28	18.00	19.94	21.00	
		11	2462	17.05	17.50	16.98	17.50	20.03	20.50	
		12	2467	14.85	15.50	15.28	15.50	18.08	18.50	
		13	2472	8.85	9.00	8.98	9.00	11.93	12.00	
	802.11n-HT20 MCS0	1	2412	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		6	2437		18.00		18.00		21.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		18.00		18.00		21.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		18.00		18.00		21.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		18.00		18.00		21.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	

WLAN 2.4GHz Power index 3

				Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	12.95	14.50	100.00
		6	2437	12.75	14.50	
		11	2462	12.85	14.50	
		12	2467	12.75	14.50	
		13	2472	12.95	14.50	

				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	13.08	14.50	100.00
		6	2437	12.98	14.50	
		11	2462	13.08	14.50	
		12	2467	13.18	14.50	
		13	2472	12.88	14.50	

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11g 6Mbps	1	2412	12.75	14.50	13.18	14.50	15.98	17.50	100.00
		6	2437	12.65	14.50	13.28	14.50	15.99	17.50	
		11	2462	12.85	14.50	13.48	14.50	16.19	17.50	
		12	2467	12.97	14.50	13.58	14.50	16.30	17.50	
		13	2472	8.85	9.00	8.98	9.00	11.93	12.00	
	802.11n-HT20 MCS0	1	2412	Not required	14.50	Not required	14.50	Not required	17.50	Not required
		6	2437		14.50		14.50		17.50	
		11	2462		14.50		14.50		17.50	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		14.50		14.50		17.50	
		6	2437		14.50		14.50		17.50	
		11	2462		14.50		14.50		17.50	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		14.50		14.50		17.50	
		6	2437		14.50		14.50		17.50	
		11	2462		14.50		14.50		17.50	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	1	2412		14.50		14.50		17.50	
		6	2437		14.50		14.50		17.50	
		11	2462		14.50		14.50		17.50	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	

WLAN 2.4GHz Power index 4

				Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	12.05	12.50	100.00
		6	2437	11.85	12.50	
		11	2462	11.85	12.50	
		12	2467	11.85	12.50	
		13	2472	11.85	12.50	

				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	12.18	12.50	100.00
		6	2437	12.08	12.50	
		11	2462	12.18	12.50	
		12	2467	12.48	12.50	
		13	2472	12.38	12.50	

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	11.75	12.50	12.38	12.50	15.09	15.50	100.00
		6	2437	11.75	12.50	12.48	12.50	15.14	15.50	
		11	2462	11.55	12.50	12.18	12.50	14.89	15.50	
		12	2467	12.25	12.50	12.38	12.50	15.33	15.50	
		13	2472	8.85	9.00	8.98	9.00	11.93	12.00	
	802.11n-HT20 MCS0	1	2412	Not required	12.50	Not required	12.50	Not required	15.50	Not required
		6	2437		12.50		12.50		15.50	
		11	2462		12.50		12.50		15.50	
		12	2467		12.50		12.50		15.50	
		13	2472		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		12.50		12.50		15.50	
		6	2437		12.50		12.50		15.50	
		11	2462		12.50		12.50		15.50	
		12	2467		12.50		12.50		15.50	
		13	2472		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		12.50		12.50		15.50	
		6	2437		12.50		12.50		15.50	
		11	2462		12.50		12.50		15.50	
		12	2467		12.50		12.50		15.50	
		13	2472		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	1	2412		12.50		12.50		15.50	
		6	2437		12.50		12.50		15.50	
		11	2462		12.50		12.50		15.50	
		12	2467		12.50		12.50		15.50	
		13	2472		9.50		9.50		12.50	

WLAN 2.4GHz Power index 5

				Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.85	22.50	100.00
		6	2437	20.75	22.50	
		11	2462	20.75	22.50	
		12	2467	20.65	22.50	
		13	2472	19.25	19.50	

				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.88	22.50	100.00
		6	2437	20.78	22.50	
		11	2462	20.68	22.50	
		12	2467	20.78	22.50	
		13	2472	19.98	20.00	

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11g 6Mbps	1	2412	18.45	19.50	19.18	19.50	21.84	22.50	100.00
		6	2437	20.95	22.00	21.98	22.00	24.51	25.00	
		11	2462	17.35	17.50	17.28	17.50	20.33	20.50	
		12	2467	14.85	15.50	15.28	15.50	18.08	18.50	
		13	2472	8.85	9.00	8.98	9.00	11.93	12.00	
	802.11n-HT20 MCS0	1	2412	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		6	2437		21.00		21.00		24.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		21.00		21.00		24.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		21.00		21.00		24.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		21.00		21.00		24.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	

WLAN 2.4GHz Power index 6

				Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.85	22.50	100.00
		6	2437	20.75	22.50	
		11	2462	20.75	22.50	
		12	2467	20.65	22.50	
		13	2472	19.25	19.50	

				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.88	22.50	100.00
		6	2437	20.78	22.50	
		11	2462	20.68	22.50	
		12	2467	20.78	22.50	
		13	2472	19.98	20.00	

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	18.45	19.50	19.18	19.50	21.84	22.50	100.00
		6	2437	20.95	22.00	21.98	22.00	24.51	25.00	
		11	2462	17.35	17.50	17.28	17.50	20.33	20.50	
		12	2467	14.85	15.50	15.28	15.50	18.08	18.50	
		13	2472	8.85	9.00	8.98	9.00	11.93	12.00	
	802.11n-HT20 MCS0	1	2412	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		6	2437		21.00		21.00		24.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		21.00		21.00		24.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		21.00		21.00		24.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		21.00		21.00		24.00	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	

WLAN 2.4GHz Power index 7

				Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.85	19.50	100.00
		6	2437	18.55	19.50	
		11	2462	18.65	19.50	
		12	2467	18.65	19.50	
		13	2472	18.65	19.50	

				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.88	19.50	100.00
		6	2437	18.78	19.50	
		11	2462	18.68	19.50	
		12	2467	18.78	19.50	
		13	2472	18.68	19.50	

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11g 6Mbps	1	2412	18.45	19.50	19.18	19.50	21.84	22.50	100.00
		6	2437	18.25	19.50	18.78	19.50	21.53	22.50	
		11	2462	17.35	17.50	17.28	17.50	20.33	20.50	
		12	2467	14.85	15.50	15.28	15.50	18.08	18.50	
		13	2472	8.85	9.00	8.98	9.00	11.93	12.00	
	802.11n-HT20 MCS0	1	2412	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		6	2437		19.50		19.50		22.50	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		19.50		19.50		22.50	
		11	2462		16.00		16.00		19.00	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		19.50		19.50		22.50	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	1	2412		17.00		17.00		20.00	
		6	2437		19.50		19.50		22.50	
		11	2462		16.00		16.00		19.00	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	

WLAN 2.4GHz Power index 8

				Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.35	15.50	100.00
		6	2437	14.25	15.50	
		11	2462	14.45	15.50	
		12	2467	14.35	15.50	
		13	2472	14.35	15.50	

				Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.28	15.50	100.00
		6	2437	14.38	15.50	
		11	2462	14.28	15.50	
		12	2467	14.28	15.50	
		13	2472	14.18	15.50	

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11g 6Mbps	1	2412	14.05	15.50	14.88	15.50	17.50	18.50	100.00
		6	2437	14.25	15.50	14.78	15.50	17.53	18.50	
		11	2462	14.05	15.50	14.98	15.50	17.55	18.50	
		12	2467	14.30	15.50	14.75	15.50	17.54	18.50	
		13	2472	8.85	9.00	8.98	9.00	11.93	12.00	
	802.11n-HT20 MCS0	1	2412	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		6	2437		15.50		15.50		18.50	
		11	2462		15.50		15.50		18.50	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		15.50		15.50		18.50	
		6	2437		15.50		15.50		18.50	
		11	2462		15.50		15.50		18.50	
		12	2467		14.00		14.00		17.00	
		13	2472		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		15.50		15.50		18.50	
		6	2437		15.50		15.50		18.50	
		11	2462		15.50		15.50		18.50	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	1	2412		15.50		15.50		18.50	
		6	2437		15.50		15.50		18.50	
		11	2462		15.50		15.50		18.50	
		12	2467		14.50		14.50		17.50	
		13	2472		9.50		9.50		12.50	

WLAN 5.2GHz Power index 1

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.95	17.00	15.48	17.00	18.73	20.00	100.00
		40	5200	15.95	17.00	15.18	17.00	18.59	20.00	
		44	5220	15.85	17.00	15.18	17.00	18.54	20.00	
		48	5240	15.85	17.00	15.28	17.00	18.58	20.00	
	802.11n-HT20 MCS0	36	5180	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		40	5200		15.50		15.50		18.50	
		44	5220		17.00		17.00		20.00	
		48	5240		17.00		17.00		20.00	
	802.11n-HT40 MCS0	38	5190	12.25	12.50	11.78	12.50	15.03	15.50	99.13
		46	5230	15.85	17.00	15.28	17.00	18.58	20.00	
	802.11ac-VHT20 MCS0	36	5180	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		40	5200		15.50		15.50		18.50	
		44	5220		17.00		17.00		20.00	
		48	5240		17.00		17.00		20.00	
	802.11ac-VHT40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		17.00		17.00		20.00	
	802.11ac-VHT80 MCS0	42	5210		10.00		10.00		13.00	
	802.11ax-HE20 MCS0	36	5180		15.50		15.50		18.50	
		40	5200		15.50		15.50		18.50	
		44	5220		17.00		17.00		20.00	
		48	5240		17.00		17.00		20.00	
	802.11ax-HE40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		17.00		17.00		20.00	
	802.11ax-HE80 MCS0	42	5210		10.00		10.00		13.00	
	802.11be-EHT20 MCS0	36	5180		15.50		15.50		18.50	
		40	5200		15.50		15.50		18.50	
		44	5220		17.00		17.00		20.00	
		48	5240		17.00		17.00		20.00	
	802.11be-EHT40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		17.00		17.00		20.00	
	802.11be-EHT80 MCS0	42	5210		10.00		10.00		13.00	

WLAN 5.2GHz Power index 2

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	14.50	Not required	14.50	Not required	17.50	Not required
		40	5200		14.50		14.50		17.50	
		44	5220		14.50		14.50		17.50	
		48	5240		14.50		14.50		17.50	
	802.11n-HT20 MCS0	36	5180		14.50		14.50		17.50	
		40	5200		14.50		14.50		17.50	
		44	5220		14.50		14.50		17.50	
		48	5240		14.50		14.50		17.50	
	802.11n-HT40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		14.50		14.50		17.50	
	802.11ac-VHT20 MCS0	36	5180		14.50		14.50		17.50	
		40	5200		14.50		14.50		17.50	
		44	5220		14.50		14.50		17.50	
		48	5240		14.50		14.50		17.50	
	802.11ac-VHT40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		14.50		14.50		17.50	
	802.11ac-VHT80 MCS0	42	5210		10.00		10.00		13.00	
	802.11ax-HE20 MCS0	36	5180		14.50		14.50		17.50	
		40	5200		14.50		14.50		17.50	
		44	5220		14.50		14.50		17.50	
		48	5240		14.50		14.50		17.50	
	802.11ax-HE40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		14.50		14.50		17.50	
	802.11ax-HE80 MCS0	42	5210		10.00		10.00		13.00	
	802.11be-EHT20 MCS0	36	5180		14.50		14.50		17.50	
		40	5200		14.50		14.50		17.50	
		44	5220		14.50		14.50		17.50	
		48	5240		14.50		14.50		17.50	
	802.11be-EHT40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		14.50		14.50		17.50	
	802.11be-EHT80 MCS0	42	5210		10.00		10.00		13.00	

WLAN 5.2GHz Power index 3/4

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	10.00	Not required	10.00	Not required	13.00	Not required
		40	5200		10.00		10.00		13.00	
		44	5220		10.00		10.00		13.00	
		48	5240		10.00		10.00		13.00	
	802.11n-HT20 MCS0	36	5180		10.00		10.00		13.00	
		40	5200		10.00		10.00		13.00	
		44	5220		10.00		10.00		13.00	
		48	5240		10.00		10.00		13.00	
	802.11n-HT40 MCS0	38	5190		10.00		10.00		13.00	
		46	5230		10.00		10.00		13.00	
	802.11ac-VHT20 MCS0	36	5180		10.00		10.00		13.00	
		40	5200		10.00		10.00		13.00	
		44	5220		10.00		10.00		13.00	
		48	5240		10.00		10.00		13.00	
	802.11ac-VHT40 MCS0	38	5190		10.00		10.00		13.00	
		46	5230		10.00		10.00		13.00	
	802.11ac-VHT80 MCS0	42	5210		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	36	5180		10.00		10.00		13.00	
		40	5200		10.00		10.00		13.00	
		44	5220		10.00		10.00		13.00	
		48	5240		10.00		10.00		13.00	
	802.11ax-HE40 MCS0	38	5190		10.00		10.00		13.00	
		46	5230		10.00		10.00		13.00	
	802.11ax-HE80 MCS0	42	5210		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	36	5180		10.00		10.00		13.00	
		40	5200		10.00		10.00		13.00	
		44	5220		10.00		10.00		13.00	
		48	5240		10.00		10.00		13.00	
	802.11be-EHT40 MCS0	38	5190		10.00		10.00		13.00	
		46	5230		10.00		10.00		13.00	
	802.11be-EHT80 MCS0	42	5210		9.50		9.50		12.50	

WLAN 5.2GHz Power index 5/6/7

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	17.50	Not required	17.50	Not required	20.50	Not required
		40	5200		17.50		17.50		20.50	
		44	5220	18.75	19.00	18.58	19.00	21.68	22.00	100.00
		48	5240	18.25	19.00	17.98	19.00	21.13	22.00	
	802.11n-HT20 MCS0	36	5180	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		40	5200		15.50		15.50		18.50	
		44	5220		19.00		19.00		22.00	
		48	5240		19.00		19.00		22.00	
	802.11n-HT40 MCS0	38	5190	12.25	12.50	11.78	12.50	15.03	15.50	99.13
		46	5230	18.25	19.00	18.28	19.00	21.28	22.00	
	802.11ac-VHT20 MCS0	36	5180	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		40	5200		15.50		15.50		18.50	
		44	5220		19.00		19.00		22.00	
		48	5240		19.00		19.00		22.00	
	802.11ac-VHT40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		19.00		19.00		22.00	
	802.11ac-VHT80 MCS0	42	5210		10.00		10.00		13.00	
		36	5180		15.50		15.50		18.50	
	802.11ax-HE20 MCS0	40	5200		15.50		15.50		18.50	
		44	5220		19.00		19.00		22.00	
		48	5240		19.00		19.00		22.00	
		38	5190		12.50		12.50		15.50	
	802.11ax-HE40 MCS0	46	5230		19.00		19.00		22.00	
		42	5210		10.00		10.00		13.00	
	802.11be-EHT20 MCS0	36	5180		15.50		15.50		18.50	
		40	5200		15.50		15.50		18.50	
		44	5220		19.00		19.00		22.00	
		48	5240		19.00		19.00		22.00	
	802.11be-EHT40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		19.00		19.00		22.00	
	802.11be-EHT80 MCS0	42	5210		10.00		10.00		13.00	

WLAN 5.2GHz Power index 8/9

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		40	5200		17.00		17.00		20.00	
		44	5220		17.00		17.00		20.00	
		48	5240		17.00		17.00		20.00	
	802.11n-HT20 MCS0	36	5180	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		40	5200		15.50		15.50		18.50	
		44	5220		17.00		17.00		20.00	
		48	5240		17.00		17.00		20.00	
	802.11n-HT40 MCS0	38	5190	12.25	12.50	11.78	12.50	15.03	15.50	99.13
		46	5230	15.85	17.00	15.28	17.00	18.58	20.00	
	802.11ac-VHT20 MCS0	36	5180	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		40	5200		15.50		15.50		18.50	
		44	5220		17.00		17.00		20.00	
		48	5240		17.00		17.00		20.00	
	802.11ac-VHT40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		17.00		17.00		20.00	
	802.11ac-VHT80 MCS0	42	5210		10.00		10.00		13.00	
	802.11ax-HE20 MCS0	36	5180		15.50		15.50		18.50	
		40	5200		15.50		15.50		18.50	
		44	5220		17.00		17.00		20.00	
		48	5240		17.00		17.00		20.00	
	802.11ax-HE40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		17.00		17.00		20.00	
	802.11ax-HE80 MCS0	42	5210		10.00		10.00		13.00	
	802.11be-EHT20 MCS0	36	5180		15.50		15.50		18.50	
		40	5200		15.50		15.50		18.50	
		44	5220		17.00		17.00		20.00	
		48	5240		17.00		17.00		20.00	
	802.11be-EHT40 MCS0	38	5190		12.50		12.50		15.50	
		46	5230		17.00		17.00		20.00	
	802.11be-EHT80 MCS0	42	5210		10.00		10.00		13.00	

WLAN 5.3GHz Power index 1

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		56	5280		17.00		17.00		20.00	
		60	5300		17.00		17.00		20.00	
		64	5320		14.50		14.50		17.50	
	802.11n-HT20 MCS0	52	5260		17.00		17.00		20.00	
		56	5280		17.00		17.00		20.00	
		60	5300		17.00		17.00		20.00	
		64	5320		12.50		12.50		15.50	
	802.11n-HT40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11ac-VHT20 MCS0	52	5260		17.00		17.00		20.00	
		56	5280		17.00		17.00		20.00	
		60	5300		17.00		17.00		20.00	
		64	5320		12.50		12.50		15.50	
	802.11ac-VHT40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11ac-VHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11ac-VHT160 MCS0	50	5250		9.00		9.00		12.00	
	802.11ax-HE20 MCS0	52	5260		17.00		17.00		20.00	
		56	5280		17.00		17.00		20.00	
		60	5300		17.00		17.00		20.00	
		64	5320		12.50		12.50		15.50	
	802.11ax-HE40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11ax-HE80 MCS0	58	5290		9.00		9.00		12.00	
	802.11ax-HE160 MCS0	50	5250		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	52	5260		17.00		17.00		20.00	
		56	5280		17.00		17.00		20.00	
		60	5300		17.00		17.00		20.00	
		64	5320		12.50		12.50		15.50	
	802.11be-EHT40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11be-EHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11be-EHT160 MCS0	50	5250		9.50		9.50		12.50	

WLAN 5.3GHz Power index 2

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not required	14.50	Not required	14.50	Not required	17.50	Not required
		56	5280		14.50		14.50		17.50	
		60	5300		14.50		14.50		17.50	
		64	5320	13.95	14.50	13.38	14.50	16.68	17.50	100.00
	802.11n-HT20 MCS0	52	5260	Not required	14.50	Not required	14.50	Not required	17.50	Not required
		56	5280		14.50		14.50		17.50	
		60	5300		14.50		14.50		17.50	
		64	5320		12.50		12.50		15.50	
	802.11n-HT40 MCS0	54	5270	14.05	14.50	13.38	14.50	16.74	17.50	99.13
		62	5310	7.45	8.00	7.28	8.00	10.38	11.00	
	802.11ac-VHT20 MCS0	52	5260	Not required	14.50	Not required	14.50	Not required	17.50	Not required
		56	5280		14.50		14.50		17.50	
		60	5300		14.50		14.50		17.50	
		64	5320		12.50		12.50		15.50	
	802.11ac-VHT40 MCS0	54	5270		14.50		14.50		17.50	
		62	5310		8.00		8.00		11.00	
	802.11ac-VHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11ac-VHT160 MCS0	50	5250		9.00		9.00		12.00	
	802.11ax-HE20 MCS0	52	5260		14.50		14.50		17.50	
		56	5280		14.50		14.50		17.50	
		60	5300		14.50		14.50		17.50	
		64	5320		12.50		12.50		15.50	
	802.11ax-HE40 MCS0	54	5270		14.50		14.50		17.50	
		62	5310		8.00		8.00		11.00	
		58	5290		9.00		9.00		12.00	
	802.11ax-HE160 MCS0	50	5250		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	52	5260		14.50		14.50		17.50	
		56	5280		14.50		14.50		17.50	
		60	5300		14.50		14.50		17.50	
		64	5320		12.50		12.50		15.50	
	802.11be-EHT40 MCS0	54	5270		14.50		14.50		17.50	
		62	5310		8.00		8.00		11.00	
	802.11be-EHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11be-EHT160 MCS0	50	5250		9.50		9.50		12.50	

WLAN 5.3GHz Power index 3/4

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not required	10.00	Not required	10.00	Not required	13.00	Not required
		56	5280		10.00		10.00		13.00	
		60	5300		10.00		10.00		13.00	
		64	5320		10.00		10.00		13.00	
	802.11n-HT20 MCS0	52	5260		10.00		10.00		13.00	
		56	5280		10.00		10.00		13.00	
		60	5300		10.00		10.00		13.00	
		64	5320		10.00		10.00		13.00	
	802.11n-HT40 MCS0	54	5270	9.55	10.00	9.18	10.00	12.38	13.00	99.13
		62	5310	7.45	8.00	7.28	8.00	10.38	11.00	
	802.11ac-VHT20 MCS0	52	5260	Not required	10.00	Not required	10.00	Not required	13.00	Not required
		56	5280		10.00		10.00		13.00	
		60	5300		10.00		10.00		13.00	
		64	5320		10.00		10.00		13.00	
	802.11ac-VHT40 MCS0	54	5270		10.00		10.00		13.00	
		62	5310		8.00		8.00		11.00	
	802.11ac-VHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11ac-VHT160 MCS0	50	5250		9.00		9.00		12.00	
	802.11ax-HE20 MCS0	52	5260		10.00		10.00		13.00	
		56	5280		10.00		10.00		13.00	
		60	5300		10.00		10.00		13.00	
		64	5320		10.00		10.00		13.00	
	802.11ax-HE40 MCS0	54	5270		10.00		10.00		13.00	
		62	5310		8.00		8.00		11.00	
	802.11ax-HE80 MCS0	58	5290		9.00		9.00		12.00	
	802.11ax-HE160 MCS0	50	5250		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	52	5260		10.00		10.00		13.00	
		56	5280		10.00		10.00		13.00	
		60	5300		10.00		10.00		13.00	
		64	5320		10.00		10.00		13.00	
	802.11be-EHT40 MCS0	54	5270		10.00		10.00		13.00	
		62	5310		8.00		8.00		11.00	
	802.11be-EHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11be-EHT160 MCS0	50	5250		9.50		9.50		12.50	

WLAN 5.3GHz Power index 5/6/7

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.25	18.50	17.48	18.50	20.89	21.50	100.00
		56	5280	18.79	19.00	18.38	19.00	21.60	22.00	
		60	5300	18.95	19.00	18.58	19.00	21.78	22.00	
		64	5320	13.95	14.50	13.38	14.50	16.68	17.50	
	802.11n-HT20 MCS0	52	5260	Not required	19.00	Not required	19.00	Not required	22.00	Not required
		56	5280		19.00		19.00		22.00	
		60	5300		19.00		19.00		22.00	
		64	5320		12.50		12.50		15.50	
	802.11n-HT40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11ac-VHT20 MCS0	52	5260		19.00		19.00		22.00	
		56	5280		19.00		19.00		22.00	
		60	5300		19.00		19.00		22.00	
		64	5320		12.50		12.50		15.50	
	802.11ac-VHT40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11ac-VHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11ac-VHT160 MCS0	50	5250		9.00		9.00		12.00	
	802.11ax-HE20 MCS0	52	5260		19.00		19.00		22.00	
		56	5280		19.00		19.00		22.00	
		60	5300		19.00		19.00		22.00	
		64	5320		12.50		12.50		15.50	
	802.11ax-HE40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11ax-HE80 MCS0	58	5290		9.00		9.00		12.00	
	802.11ax-HE160 MCS0	50	5250		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	52	5260		19.00		19.00		22.00	
		56	5280		19.00		19.00		22.00	
		60	5300		19.00		19.00		22.00	
		64	5320		12.50		12.50		15.50	
	802.11be-EHT40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11be-EHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11be-EHT160 MCS0	50	5250		9.50		9.50		12.50	

WLAN 5.3GHz Power index 8/9

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	15.85	17.00	15.08	17.00	18.49	20.00	100.00
		56	5280	16.05	17.00	15.18	17.00	18.65	20.00	
		60	5300	15.95	17.00	15.08	17.00	18.55	20.00	
		64	5320	13.95	14.50	13.38	14.50	16.68	17.50	
	802.11n-HT20 MCS0	52	5260	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		56	5280		17.00		17.00		20.00	
		60	5300		17.00		17.00		20.00	
		64	5320		12.50		12.50		15.50	
	802.11n-HT40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11ac-VHT20 MCS0	52	5260		17.00		17.00		20.00	
		56	5280		17.00		17.00		20.00	
		60	5300		17.00		17.00		20.00	
		64	5320		12.50		12.50		15.50	
	802.11ac-VHT40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11ac-VHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11ac-VHT160 MCS0	50	5250		9.00		9.00		12.00	
	802.11ax-HE20 MCS0	52	5260		17.00		17.00		20.00	
		56	5280		17.00		17.00		20.00	
		60	5300		17.00		17.00		20.00	
		64	5320		12.50		12.50		15.50	
	802.11ax-HE40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11ax-HE80 MCS0	58	5290		9.00		9.00		12.00	
	802.11ax-HE160 MCS0	50	5250		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	52	5260		17.00		17.00		20.00	
		56	5280		17.00		17.00		20.00	
		60	5300		17.00		17.00		20.00	
		64	5320		12.50		12.50		15.50	
	802.11be-EHT40 MCS0	54	5270		16.50		16.50		19.50	
		62	5310		8.00		8.00		11.00	
	802.11be-EHT80 MCS0	58	5290		9.00		9.00		12.00	
	802.11be-EHT160 MCS0	50	5250		9.50		9.50		12.50	

WLAN 5.5GHz Power index 1

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not required	14.50	Not required	14.50	Not required	17.50	Not required
		116	5580		14.50		14.50		17.50	
		124	5620		14.50		14.50		17.50	
		132	5660		14.50		14.50		17.50	
		140	5700		14.50		14.50		17.50	
		144	5720		14.50		14.50		17.50	
	802.11n-HT20 MCS0	100	5500	Not required	14.50	Not required	14.50	Not required	17.50	Not required
		116	5580		14.50		14.50		17.50	
		124	5620		14.50		14.50		17.50	
		132	5660		14.50		14.50		17.50	
		140	5700		13.50		13.50		16.50	
		144	5720		14.50		14.50		17.50	
	802.11n-HT40 MCS0	102	5510	13.95	14.50	14.48	14.50	17.23	17.50	99.13
		110	5550	Not required	14.50	Not required	14.50	Not required	17.50	
		126	5630		14.50		14.50		17.50	
		134	5670		14.50		14.50		17.50	
		142	5710		14.50		14.50		17.50	
	802.11ac-VHT20 MCS0	100	5500	Not required	14.50	Not required	14.50	Not required	17.50	Not required
		116	5580		14.50		14.50		17.50	
		124	5620		14.50		14.50		17.50	
		132	5660		14.50		14.50		17.50	
		140	5700		13.50		13.50		16.50	
	802.11ac-VHT40 MCS0	102	5510	Not required	14.50	Not required	14.50	Not required	17.50	Not required
		110	5550		14.50		14.50		17.50	
		126	5630		14.50		14.50		17.50	
		134	5670		14.50		14.50		17.50	
		142	5710		14.50		14.50		17.50	
	802.11ac-VHT80 MCS0	106	5530	9.65	10.50	10.28	10.50	12.99	13.50	97.77
		122	5610	13.55	14.50	13.88	14.50	16.73	17.50	
		138	5690	12.55	14.50	12.98	14.50	15.78	17.50	
	802.11ac-VHT160 MCS0	114	5570	Not required	9.50	Not required	9.50	Not required	12.50	Not required
	802.11ax-HE20 MCS0	100	5500		14.50		14.50		17.50	
		116	5580		14.50		14.50		17.50	
		124	5620		14.50		14.50		17.50	
		132	5660		14.50		14.50		17.50	
		140	5700		13.50		13.50		16.50	
	802.11ax-HE40 MCS0	102	5510		14.50		14.50		17.50	
		110	5550		14.50		14.50		17.50	
		126	5630		14.50		14.50		17.50	
		134	5670		14.50		14.50		17.50	
		142	5710		14.50		14.50		17.50	
	802.11ax-HE80 MCS0	106	5530		10.50		10.50		13.50	
		122	5610		14.50		14.50		17.50	
		138	5690		14.50		14.50		17.50	
	802.11ax-HE160 MCS0	114	5570		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	100	5500		14.50		14.50		17.50	
		116	5580		14.50		14.50		17.50	
		124	5620		14.50		14.50		17.50	
		132	5660		14.50		14.50		17.50	
		140	5700		13.50		13.50		16.50	
	802.11be-EHT40 MCS0	102	5510		14.50		14.50		17.50	
		110	5550		14.50		14.50		17.50	
		126	5630		14.50		14.50		17.50	
		134	5670		14.50		14.50		17.50	
		142	5710		14.50		14.50		17.50	
	802.11be-EHT80 MCS0	106	5530		10.50		10.50		13.50	
		122	5610		14.50		14.50		17.50	
		138	5690		14.50		14.50		17.50	
	802.11be-EHT160 MCS0	114	5570		9.50		9.50		12.50	

WLAN 5.5GHz Power index 2

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %				
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not required	13.00	Not required	13.00	Not required	16.00	Not required				
		116	5580		13.00		13.00		16.00					
		124	5620		13.00		13.00		16.00					
		132	5660		13.00		13.00		16.00					
		140	5700		13.00		13.00		16.00					
		144	5720		13.00		13.00		16.00					
	802.11n-HT20 MCS0	100	5500		13.00		13.00		16.00					
		116	5580		13.00		13.00		16.00					
		124	5620		13.00		13.00		16.00					
		132	5660		13.00		13.00		16.00					
		140	5700		13.00		13.00		16.00					
		144	5720		13.00		13.00		16.00					
	802.11n-HT40 MCS0	102	5510		13.00		13.00		16.00					
		110	5550		13.00		13.00		16.00					
		126	5630		13.00		13.00		16.00					
		134	5670		13.00		13.00		16.00					
		142	5710		13.00		13.00		16.00					
	802.11ac-VHT20 MCS0	100	5500		13.00		13.00		16.00					
		116	5580		13.00		13.00		16.00					
		124	5620		13.00		13.00		16.00					
		132	5660		13.00		13.00		16.00					
		140	5700		13.00		13.00		16.00					
		144	5720		13.00		13.00		16.00					
	802.11ac-VHT40 MCS0	102	5510		13.00		13.00		16.00					
		110	5550		13.00		13.00		16.00					
		126	5630		13.00		13.00		16.00					
		134	5670		13.00		13.00		16.00					
		142	5710		13.00		13.00		16.00					
	802.11ac-VHT80 MCS0	106	5530		9.65		10.50		10.28		10.50	12.99	13.50	97.77
		122	5610		11.55		13.00		11.98		13.00	14.78	16.00	
		138	5690	12.55	13.00	12.98	13.00	15.78	16.00					
	802.11ac-VHT160 MCS0	114	5570	Not required	9.50	Not required	9.50	Not required	12.50	Not required				
	802.11ax-HE20 MCS0	100	5500		13.00		13.00		16.00					
		116	5580		13.00		13.00		16.00					
		124	5620		13.00		13.00		16.00					
		132	5660		13.00		13.00		16.00					
		140	5700		13.00		13.00		16.00					
		144	5720		13.00		13.00		16.00					
	802.11ax-HE40 MCS0	102	5510		13.00		13.00		16.00					
		110	5550		13.00		13.00		16.00					
		126	5630		13.00		13.00		16.00					
		134	5670		13.00		13.00		16.00					
		142	5710		13.00		13.00		16.00					
	802.11ax-HE80 MCS0	106	5530		10.50		10.50		13.50					
		122	5610		13.00		13.00		16.00					
		138	5690		13.00		13.00		16.00					
	802.11ax-HE160 MCS0	114	5570		9.50		9.50		12.50					
	802.11be-EHT20 MCS0	100	5500		13.00		13.00		16.00					
		116	5580		13.00		13.00		16.00					
		124	5620		13.00		13.00		16.00					
132		5660	13.00		13.00		16.00							
140		5700	13.00		13.00		16.00							
144		5720	13.00		13.00		16.00							
802.11be-EHT40 MCS0	102	5510	13.00		13.00		16.00							
	110	5550	13.00		13.00		16.00							
	126	5630	13.00		13.00		16.00							
	134	5670	13.00		13.00		16.00							
	142	5710	13.00		13.00		16.00							
802.11be-EHT80 MCS0	106	5530	10.50		10.50		13.50							
	122	5610	13.00		13.00		16.00							
	138	5690	13.00		13.00		16.00							
802.11be-EHT160 MCS0	114	5570	9.50		9.50		12.50							

WLAN 5.5GHz Power index 3/4

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %				
	802.11a 6Mbps	100	5500	Not required	8.50	Not required	8.50	Not required	11.50	Not required				
		116	5580		8.50		8.50		11.50					
		124	5620		8.50		8.50		11.50					
		132	5660		8.50		8.50		11.50					
		140	5700		8.50		8.50		11.50					
		144	5720		8.50		8.50		11.50					
	802.11n-HT20 MCS0	100	5500		8.50		8.50		11.50					
		116	5580		8.50		8.50		11.50					
		124	5620		8.50		8.50		11.50					
		132	5660		8.50		8.50		11.50					
		140	5700		8.50		8.50		11.50					
		144	5720		8.50		8.50		11.50					
	802.11n-HT40 MCS0	102	5510		8.50		8.50		11.50					
		110	5550		8.50		8.50		11.50					
		126	5630		8.50		8.50		11.50					
		134	5670		8.50		8.50		11.50					
	802.11ac-VHT20 MCS0	100	5500		8.50		8.50		11.50					
		116	5580		8.50		8.50		11.50					
		124	5620		8.50		8.50		11.50					
		132	5660		8.50		8.50		11.50					
		140	5700		8.50		8.50		11.50					
		144	5720		8.50		8.50		11.50					
	802.11ac-VHT40 MCS0	102	5510		8.50		8.50		11.50					
		110	5550		8.50		8.50		11.50					
		126	5630		8.50		8.50		11.50					
		134	5670		8.50		8.50		11.50					
	802.11ac-VHT80 MCS0	106	5530		7.50		8.50		8.13		8.50	10.84	11.50	97.77
		122	5610		7.20		8.50		8.13		8.50	10.70	11.50	
		138	5690		7.25		8.50		8.50		8.50	10.93	11.50	
	802.11ac-VHT160 MCS0	114	5570		Not required		8.00		Not required		8.00	Not required	11.00	Not required
	802.11ax-HE20 MCS0	100	5500	8.50		8.50	11.50							
		116	5580	8.50		8.50	11.50							
124		5620	8.50	8.50		11.50								
132		5660	8.50	8.50		11.50								
140		5700	8.50	8.50		11.50								
144		5720	8.50	8.50		11.50								
802.11ax-HE40 MCS0	102	5510	8.50	8.50		11.50								
	110	5550	8.50	8.50		11.50								
	126	5630	8.50	8.50		11.50								
	134	5670	8.50	8.50		11.50								
802.11ax-HE80 MCS0	106	5530	8.50	8.50		11.50								
	122	5610	8.50	8.50		11.50								
	138	5690	8.50	8.50		11.50								
802.11ax-HE160 MCS0	114	5570	8.00	8.00		11.00								
802.11be-EHT20 MCS0	100	5500	8.50	8.50		11.50								
	116	5580	8.50	8.50		11.50								
	124	5620	8.50	8.50		11.50								
	132	5660	8.50	8.50		11.50								
	140	5700	8.50	8.50		11.50								
	144	5720	8.50	8.50		11.50								
802.11be-EHT40 MCS0	102	5510	8.50	8.50		11.50								
	110	5550	8.50	8.50		11.50								
	126	5630	8.50	8.50		11.50								
	134	5670	8.50	8.50		11.50								
802.11be-EHT80 MCS0	106	5530	8.50	8.50		11.50								
	122	5610	8.50	8.50		11.50								
	138	5690	8.50	8.50		11.50								
802.11be-EHT160 MCS0	114	5570	8.00	8.00		11.00								

WLAN 5.5GHz Power index 5/6/7/9

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not required	18.00	Not required	18.00	Not required	21.00	Not required
		116	5580		19.00		19.00		22.00	
		124	5620		19.00		19.00		22.00	
		132	5660		19.00		19.00		22.00	
		140	5700		15.50		15.50		18.50	
		144	5720		19.00		19.00		22.00	
	802.11n-HT20 MCS0	100	5500		19.00		19.00		22.00	
		116	5580		19.00		19.00		22.00	
		124	5620		19.00		19.00		22.00	
		132	5660		19.00		19.00		22.00	
		140	5700		13.50		13.50		16.50	
		144	5720		19.00		19.00		22.00	
	802.11n-HT40 MCS0	102	5510		14.50		14.50		17.50	
		110	5550		19.00		19.00		22.00	
		126	5630		19.00		19.00		22.00	
		134	5670		15.50		15.50		18.50	
	802.11ac-VHT20 MCS0	100	5500		19.00		19.00		22.00	
		116	5580		19.00		19.00		22.00	
		124	5620		19.00		19.00		22.00	
		132	5660		19.00		19.00		22.00	
		140	5700		13.50		13.50		16.50	
		144	5720		19.00		19.00		22.00	
	802.11ac-VHT40 MCS0	102	5510		14.50		14.50		17.50	
		110	5550		19.00		19.00		22.00	
		126	5630		19.00		19.00		22.00	
		134	5670		15.50		15.50		18.50	
		142	5710		19.00		19.00		22.00	
	802.11ac-VHT80 MCS0	106	5530		9.65		10.50		10.28	
		122	5610	17.95	19.00	18.38	19.00	21.18	22.00	
		138	5690	18.05	19.00	18.48	19.00	21.28	22.00	
	802.11ac-VHT160 MCS0	114	5570	Not required	9.50	Not required	9.50	Not required	12.50	Not required
	802.11ax-HE20 MCS0	100	5500		19.00		19.00		22.00	
		116	5580		19.00		19.00		22.00	
		124	5620		19.00		19.00		22.00	
		132	5660		19.00		19.00		22.00	
		140	5700		13.50		13.50		16.50	
		144	5720		19.00		19.00		22.00	
	802.11ax-HE40 MCS0	102	5510		14.50		14.50		17.50	
		110	5550		19.00		19.00		22.00	
		126	5630		19.00		19.00		22.00	
		134	5670		15.50		15.50		18.50	
	802.11ax-HE80 MCS0	106	5530		10.50		10.50		13.50	
122		5610	19.00		19.00		22.00			
138		5690	19.00		19.00		22.00			
114		5570	9.50		9.50		12.50			
802.11be-EHT20 MCS0	100	5500	19.00		19.00		22.00			
	116	5580	19.00		19.00		22.00			
	124	5620	19.00		19.00		22.00			
	132	5660	19.00		19.00		22.00			
	140	5700	13.50		13.50		16.50			
	144	5720	19.00		19.00		22.00			
802.11be-EHT40 MCS0	102	5510	14.50		14.50		17.50			
	110	5550	19.00		19.00		22.00			
	126	5630	19.00		19.00		22.00			
	134	5670	15.50		15.50		18.50			
802.11be-EHT80 MCS0	106	5530	10.50		10.50		13.50			
	122	5610	19.00		19.00		22.00			
	138	5690	19.00		19.00		22.00			
	114	5570	9.50		9.50		12.50			

WLAN 5.5GHz Power index 8

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not required	18.00	Not required	18.00	Not required	21.00	Not required	
		116	5580		18.50		18.50		21.50		
		124	5620		18.50		18.50		21.50		
		132	5660		18.50		18.50		21.50		
		140	5700		15.50		15.50		18.50		
		144	5720		18.50		18.50		21.50		
	802.11n-HT20 MCS0	100	5500		18.50		18.50		21.50		
		116	5580		18.50		18.50		21.50		
		124	5620		18.50		18.50		21.50		
		132	5660		18.50		18.50		21.50		
		140	5700		13.50		13.50		16.50		
		144	5720		18.50		18.50		21.50		
	802.11n-HT40 MCS0	102	5510		14.50		14.50		17.50		
		110	5550		18.50		18.50		21.50		
		126	5630		18.50		18.50		21.50		
		134	5670		15.50		15.50		18.50		
		142	5710		18.50		18.50		21.50		
	802.11ac-VHT20 MCS0	100	5500		18.50		18.50		21.50		
		116	5580		18.50		18.50		21.50		
		124	5620		18.50		18.50		21.50		
		132	5660		18.50		18.50		21.50		
		140	5700		13.50		13.50		16.50		
		144	5720		18.50		18.50		21.50		
	802.11ac-VHT40 MCS0	102	5510		14.50		14.50		17.50		
		110	5550		18.50		18.50		21.50		
		126	5630		18.50		18.50		21.50		
		134	5670		15.50		15.50		18.50		
		142	5710		18.50		18.50		21.50		
	802.11ac-VHT80 MCS0	106	5530	9.65	10.50	10.28	10.50	12.99	13.50	97.77	
		122	5610	17.95	18.50	18.38	18.50	21.18	21.50		
		138	5690	18.05	18.50	18.48	18.50	21.28	21.50		
	802.11ac-VHT160 MCS0	114	5570		9.50		9.50		12.50	Not required	
	802.11ax-HE20 MCS0	100	5500		18.50		18.50		21.50		
		116	5580		18.50		18.50		21.50		
		124	5620		18.50		18.50		21.50		
		132	5660		18.50		18.50		21.50		
		140	5700		13.50		13.50		16.50		
		144	5720		18.50		18.50		21.50		
	802.11ax-HE40 MCS0	102	5510		14.50		14.50		17.50		
		110	5550		18.50		18.50		21.50		
		126	5630		18.50		18.50		21.50		
		134	5670		15.50		15.50		18.50		
		142	5710		18.50		18.50		21.50		
	802.11ax-HE80 MCS0	106	5530		10.50		10.50		13.50		
		122	5610		18.50		18.50		21.50		
		138	5690		18.50		18.50		21.50		
	802.11ax-HE160 MCS0	114	5570	Not required	9.50	Not required	9.50	Not required	12.50		Not required
	802.11be-EHT20 MCS0	100	5500		18.50		18.50		21.50		
		116	5580		18.50		18.50		21.50		
		124	5620		18.50		18.50		21.50		
		132	5660		18.50		18.50		21.50		
		140	5700		13.50		13.50		16.50		
		144	5720		18.50		18.50		21.50		
	802.11be-EHT40 MCS0	102	5510		14.50		14.50		17.50		
		110	5550		18.50		18.50		21.50		
		126	5630		18.50		18.50		21.50		
		134	5670		15.50		15.50		18.50		
		142	5710		18.50		18.50		21.50		
	802.11be-EHT80 MCS0	106	5530		10.50		10.50		13.50		
		122	5610		18.50		18.50		21.50		
		138	5690		18.50		18.50		21.50		
	802.11be-EHT160 MCS0	114	5570		9.50		9.50		12.50		

WLAN 5.8GHz Power index 1

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not required	16.00	Not required	16.00	Not required	19.00	Not required
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11n-HT20 MCS0	149	5745		16.00		16.00		19.00	
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11n-HT40 MCS0	151	5755	15.25	16.00	15.68	16.00	18.48	19.00	99.13
		159	5795	15.25	16.00	15.68	16.00	18.48	19.00	
	802.11ac-VHT20 MCS0	149	5745	Not required	16.00	Not required	16.00	Not required	19.00	Not required
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11ac-VHT40 MCS0	151	5755		16.00		16.00		19.00	
		159	5795		16.00		16.00		19.00	
	802.11ac-VHT80 MCS0	155	5775	15.25	16.00	15.28	16.00	18.28	19.00	97.77
	802.11ax-HE20 MCS0	149	5745	Not required	16.00	Not required	16.00	Not required	19.00	Not required
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11ax-HE40 MCS0	151	5755		16.00		16.00		19.00	
		159	5795		16.00		16.00		19.00	
	802.11ax-HE80 MCS0	155	5775		16.00		16.00		19.00	
	802.11be-EHT20 MCS0	149	5745		16.00		16.00		19.00	
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11be-EHT40 MCS0	151	5755		16.00		16.00		19.00	
		159	5795		16.00		16.00		19.00	
	802.11be-EHT80 MCS0	155	5775		16.00		16.00		19.00	

WLAN 5.8GHz Power index 2

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		14.00		14.00		17.00	
		157	5785		14.00		14.00		17.00	
		165	5825		14.00		14.00		17.00	
	802.11n-HT20 MCS0	149	5745		14.00		14.00		17.00	
		157	5785		14.00		14.00		17.00	
		165	5825		14.00		14.00		17.00	
	802.11n-HT40 MCS0	151	5755	Not required	14.00	Not required	14.00	Not required	17.00	Not required
		159	5795		14.00		14.00		17.00	
	802.11ac-VHT20 MCS0	149	5745		14.00		14.00		17.00	
		157	5785		14.00		14.00		17.00	
		165	5825		14.00		14.00		17.00	
	802.11ac-VHT40 MCS0	151	5755		14.00		14.00		17.00	
		159	5795		14.00		14.00		17.00	
	802.11ac-VHT80 MCS0	155	5775	13.75	14.00	13.78	14.00	16.78	17.00	97.77
	802.11ax-HE20 MCS0	149	5745	Not required	14.00	Not required	14.00	Not required	17.00	Not required
		157	5785		14.00		14.00		17.00	
		165	5825		14.00		14.00		17.00	
	802.11ax-HE40 MCS0	151	5755		14.00		14.00		17.00	
		159	5795		14.00		14.00		17.00	
	802.11ax-HE80 MCS0	155	5775		14.00		14.00		17.00	
	802.11be-EHT20 MCS0	149	5745		14.00		14.00		17.00	
		157	5785		14.00		14.00		17.00	
		165	5825		14.00		14.00		17.00	
	802.11be-EHT40 MCS0	151	5755		14.00		14.00		17.00	
		159	5795		14.00		14.00		17.00	
	802.11be-EHT80 MCS0	155	5775		14.00		14.00		17.00	

WLAN 5.8GHz Power index 3/4

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		9.50		9.50		12.50	
		157	5785		9.50		9.50		12.50	
		165	5825		9.50		9.50		12.50	
	802.11n-HT20 MCS0	149	5745		9.50		9.50		12.50	
		157	5785		9.50		9.50		12.50	
		165	5825		9.50		9.50		12.50	
	802.11n-HT40 MCS0	151	5755	Not required	9.50	Not required	9.50	Not required	12.50	Not required
		159	5795		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	149	5745		9.50		9.50		12.50	
		157	5785		9.50		9.50		12.50	
		165	5825		9.50		9.50		12.50	
	802.11ac-VHT40 MCS0	151	5755		9.50		9.50		12.50	
		159	5795		9.50		9.50		12.50	
	802.11ac-VHT80 MCS0	155	5775		8.65		9.28		11.99	
	802.11ax-HE20 MCS0	149	5745		9.50		9.50		12.50	
		157	5785		9.50		9.50		12.50	
		165	5825		9.50		9.50		12.50	
	802.11ax-HE40 MCS0	151	5755		9.50		9.50		12.50	
		159	5795		9.50		9.50		12.50	
	802.11ax-HE80 MCS0	155	5775		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	149	5745	Not required	9.50	Not required	9.50	Not required	12.50	Not required
		157	5785		9.50		9.50		12.50	
		165	5825		9.50		9.50		12.50	
	802.11be-EHT40 MCS0	151	5755		9.50		9.50		12.50	
		159	5795		9.50		9.50		12.50	
	802.11be-EHT80 MCS0	155	5775		9.50		9.50		12.50	

WLAN 5.8GHz Power index 5/6

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.50	21.00	20.98	21.00	23.76	24.00	100.00
		157	5785	20.45	21.00	20.98	21.00	23.73	24.00	
		165	5825	20.55	21.00	20.98	21.00	23.78	24.00	
	802.11n-HT20 MCS0	149	5745	Not required	21.00	Not required	21.00	Not required	24.00	Not required
		157	5785		21.00		21.00		24.00	
		165	5825		21.00		21.00		24.00	
	802.11n-HT40 MCS0	151	5755		20.00		20.00		23.00	
		159	5795		20.00		20.00		23.00	
	802.11ac-VHT20 MCS0	149	5745		21.00		21.00		24.00	
		157	5785		21.00		21.00		24.00	
		165	5825		21.00		21.00		24.00	
	802.11ac-VHT40 MCS0	151	5755		20.00		20.00		23.00	
		159	5795		20.00		20.00		23.00	
	802.11ac-VHT80 MCS0	155	5775		20.00		20.00		23.00	
	802.11ax-HE20 MCS0	149	5745		21.00		21.00		24.00	
		157	5785		21.00		21.00		24.00	
		165	5825		21.00		21.00		24.00	
	802.11ax-HE40 MCS0	151	5755		20.00		20.00		23.00	
		159	5795		20.00		20.00		23.00	
	802.11ax-HE80 MCS0	155	5775		20.00		20.00		23.00	
	802.11be-EHT20 MCS0	149	5745		21.00		21.00		24.00	
		157	5785		21.00		21.00		24.00	
		165	5825		21.00		21.00		24.00	
	802.11be-EHT40 MCS0	151	5755		20.00		20.00		23.00	
		159	5795		20.00		20.00		23.00	
	802.11be-EHT80 MCS0	155	5775		20.00		20.00		23.00	

WLAN 5.8GHz Power index 7

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		18.00		18.00		21.00	
		157	5785		18.00		18.00		21.00	
		165	5825		18.00		18.00		21.00	
	802.11n-HT20 MCS0	149	5745		18.00		18.00		21.00	
		157	5785		18.00		18.00		21.00	
		165	5825		18.00		18.00		21.00	
	802.11n-HT40 MCS0	151	5755	Not required	18.00	Not required	18.00	Not required	21.00	Not required
		159	5795		18.00		18.00		21.00	
	802.11ac-VHT20 MCS0	149	5745		18.00		18.00		21.00	
		157	5785		18.00		18.00		21.00	
		165	5825		18.00		18.00		21.00	
	802.11ac-VHT40 MCS0	151	5755		18.00		18.00		21.00	
		159	5795		18.00		18.00		21.00	
	802.11ac-VHT80 MCS0	155	5775		16.65		17.48		20.10	
	802.11ax-HE20 MCS0	149	5745		18.00		18.00		21.00	
		157	5785		18.00		18.00		21.00	
		165	5825		18.00		18.00		21.00	
	802.11ax-HE40 MCS0	151	5755		18.00		18.00		21.00	
		159	5795		18.00		18.00		21.00	
	802.11ax-HE80 MCS0	155	5775		18.00		18.00		21.00	
	802.11be-EHT20 MCS0	149	5745	Not required	18.00	Not required	18.00	Not required	21.00	Not required
		157	5785		18.00		18.00		21.00	
		165	5825		18.00		18.00		21.00	
	802.11be-EHT40 MCS0	151	5755		18.00		18.00		21.00	
		159	5795		18.00		18.00		21.00	
	802.11be-EHT80 MCS0	155	5775		18.00		18.00		21.00	

WLAN 5.8GHz Power index 8

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		15.50		15.50		18.50	
		157	5785		15.50		15.50		18.50	
		165	5825		15.50		15.50		18.50	
	802.11n-HT20 MCS0	149	5745		15.50		15.50		18.50	
		157	5785		15.50		15.50		18.50	
		165	5825		15.50		15.50		18.50	
	802.11n-HT40 MCS0	151	5755	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		159	5795		15.50		15.50		18.50	
	802.11ac-VHT20 MCS0	149	5745		15.50		15.50		18.50	
		157	5785		15.50		15.50		18.50	
		165	5825		15.50		15.50		18.50	
	802.11ac-VHT40 MCS0	151	5755		15.50		15.50		18.50	
		159	5795		15.50		15.50		18.50	
	802.11ac-VHT80 MCS0	155	5775		14.25		14.78		17.53	
	802.11ax-HE20 MCS0	149	5745		15.50		15.50		18.50	
		157	5785		15.50		15.50		18.50	
		165	5825		15.50		15.50		18.50	
	802.11ax-HE40 MCS0	151	5755		15.50		15.50		18.50	
		159	5795		15.50		15.50		18.50	
	802.11ax-HE80 MCS0	155	5775		15.50		15.50		18.50	
	802.11be-EHT20 MCS0	149	5745	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		157	5785		15.50		15.50		18.50	
		165	5825		15.50		15.50		18.50	
	802.11be-EHT40 MCS0	151	5755		15.50		15.50		18.50	
		159	5795		15.50		15.50		18.50	
	802.11be-EHT80 MCS0	155	5775		15.50		15.50		18.50	

WLAN 5.8GHz Power index 9

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		16.00		16.00		19.00	
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11n-HT20 MCS0	149	5745		16.00		16.00		19.00	
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11n-HT40 MCS0	151	5755	Not required	16.00	Not required	16.00	Not required	19.00	Not required
		159	5795		16.00		16.00		19.00	
	802.11ac-VHT20 MCS0	149	5745		16.00		16.00		19.00	
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11ac-VHT40 MCS0	151	5755		16.00		16.00		19.00	
		159	5795		16.00		16.00		19.00	
	802.11ac-VHT80 MCS0	155	5775	14.25	16.00	14.78	16.00	17.53	19.00	97.77
	802.11ax-HE20 MCS0	149	5745	Not required	16.00	Not required	16.00	Not required	19.00	Not required
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11ax-HE40 MCS0	151	5755		16.00		16.00		19.00	
		159	5795		16.00		16.00		19.00	
	802.11ax-HE80 MCS0	155	5775		16.00		16.00		19.00	
	802.11be-EHT20 MCS0	149	5745		16.00		16.00		19.00	
		157	5785		16.00		16.00		19.00	
		165	5825		16.00		16.00		19.00	
	802.11be-EHT40 MCS0	151	5755		16.00		16.00		19.00	
		159	5795		16.00		16.00		19.00	
	802.11be-EHT80 MCS0	155	5775		16.00		16.00		19.00	

WLAN 5.9GHz Power index 1

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.9GHz WLAN	802.11a 6Mbps	169	5845	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		173	5865		15.50		15.50		18.50	
		177	5885		15.50		15.50		18.50	
	802.11n-HT20 MCS0	169	5845		15.50		15.50		18.50	
		173	5865		15.50		15.50		18.50	
		177	5885		15.50		15.50		18.50	
	802.11n-HT40 MCS0	167	5835		15.50		15.50		18.50	
		175	5875		15.50		15.50		18.50	
	802.11ac-VHT20 MCS0	169	5845		15.50		15.50		18.50	
		173	5865		15.50		15.50		18.50	
		177	5885		15.50		15.50		18.50	
	802.11ac-VHT40 MCS0	167	5835		15.50		15.50		18.50	
		175	5875		15.50		15.50		18.50	
	802.11ac-VHT80 MCS0	171	5855	14.85	15.50	15.08	15.50	17.98	18.50	97.75
	802.11ac-VHT160 MCS0	163	5815	14.65	15.50	14.98	15.50	17.83	18.50	95.80
	802.11ax-HE20 MCS0	169	5845	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		173	5865		15.50		15.50		18.50	
		177	5885		15.50		15.50		18.50	
	802.11ax-HE40 MCS0	167	5835		15.50		15.50		18.50	
		175	5875		15.50		15.50		18.50	
	802.11ax-HE80 MCS0	171	5855		15.50		15.50		18.50	
	802.11ax-HE160 MCS0	163	5815		15.50		15.50		18.50	
	802.11be-EHT20 MCS0	169	5845		15.50		15.50		18.50	
		173	5865		15.50		15.50		18.50	
		177	5885		15.50		15.50		18.50	
	802.11be-EHT40 MCS0	167	5835		15.50		15.50		18.50	
		175	5875		15.50		15.50		18.50	
	802.11be-EHT80 MCS0	171	5855		15.50		15.50		18.50	
	802.11be-EHT160 MCS0	163	5815		15.50		15.50		18.50	

WLAN 5.9GHz Power index 2

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.9GHz WLAN	802.11a 6Mbps	169	5845	Not required	13.00	Not required	13.00	Not required	16.00	Not required
		173	5865		13.00		13.00		16.00	
		177	5885		13.00		13.00		16.00	
	802.11n-HT20 MCS0	169	5845		13.00		13.00		16.00	
		173	5865		13.00		13.00		16.00	
		177	5885		13.00		13.00		16.00	
	802.11n-HT40 MCS0	167	5835		13.00		13.00		16.00	
		175	5875		13.00		13.00		16.00	
		169	5845		13.00		13.00		16.00	
	802.11ac-VHT20 MCS0	173	5865		13.00		13.00		16.00	
		177	5885		13.00		13.00		16.00	
		167	5835		13.00		13.00		16.00	
	802.11ac-VHT40 MCS0	175	5875		13.00		13.00		16.00	
		171	5855		13.00		13.00		16.00	
		163	5815	12.35	13.00	12.48	13.00	15.43	16.00	95.80
	802.11ax-HE20 MCS0	169	5845	Not required	13.00	Not required	13.00	Not required	16.00	Not required
		173	5865		13.00		13.00		16.00	
		177	5885		13.00		13.00		16.00	
	802.11ax-HE40 MCS0	167	5835		13.00		13.00		16.00	
		175	5875		13.00		13.00		16.00	
	802.11ax-HE80 MCS0	171	5855		13.00		13.00		16.00	
		163	5815		13.00		13.00		16.00	
		169	5845		13.00		13.00		16.00	
	802.11be-EHT20 MCS0	173	5865		13.00		13.00		16.00	
		177	5885		13.00		13.00		16.00	
		167	5835		13.00		13.00		16.00	
	802.11be-EHT40 MCS0	175	5875		13.00		13.00		16.00	
		171	5855		13.00		13.00		16.00	
		163	5815		13.00		13.00		16.00	

WLAN 5.9GHz Power index 3/4

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.9GHz WLAN	802.11a 6Mbps	169	5845	Not required	9.50	Not required	9.50	Not required	12.50	Not required
		173	5865		9.50		9.50		12.50	
		177	5885		9.50		9.50		12.50	
	802.11n-HT20 MCS0	169	5845		9.50		9.50		12.50	
		173	5865		9.50		9.50		12.50	
		177	5885		9.50		9.50		12.50	
	802.11n-HT40 MCS0	167	5835		9.50		9.50		12.50	
		175	5875		9.50		9.50		12.50	
		169	5845		9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	173	5865		9.50		9.50		12.50	
		177	5885		9.50		9.50		12.50	
		167	5835		9.50		9.50		12.50	
	802.11ac-VHT40 MCS0	175	5875		9.50		9.50		12.50	
		171	5855		9.50		9.50		12.50	
		163	5815	9.35	9.50	9.08	9.50	12.23	12.50	95.80
	802.11ax-HE20 MCS0	169	5845	Not required	9.50	Not required	9.50	Not required	12.50	Not required
		173	5865		9.50		9.50		12.50	
		177	5885		9.50		9.50		12.50	
	802.11ax-HE40 MCS0	167	5835		9.50		9.50		12.50	
		175	5875		9.50		9.50		12.50	
	802.11ax-HE80 MCS0	171	5855		9.50		9.50		12.50	
		163	5815		9.50		9.50		12.50	
		169	5845		9.50		9.50		12.50	
	802.11be-EHT20 MCS0	173	5865		9.50		9.50		12.50	
		177	5885		9.50		9.50		12.50	
		167	5835		9.50		9.50		12.50	
	802.11be-EHT40 MCS0	175	5875		9.50		9.50		12.50	
		171	5855		9.50		9.50		12.50	
		163	5815		9.50		9.50		12.50	

WLAN 5.9GHz Power index 5/6/7/8/9

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	Not required	18.00	Not required	18.00	Not required	21.00	Not required
		173	5865		18.00		18.00		21.00	
		177	5885		18.00		18.00		21.00	
	802.11n-HT20 MCS0	169	5845		18.00		18.00		21.00	
		173	5865		18.00		18.00		21.00	
		177	5885		18.00		18.00		21.00	
	802.11n-HT40 MCS0	167	5835		18.00		18.00		21.00	
		175	5875		18.00		18.00		21.00	
	802.11ac-VHT20 MCS0	169	5845		18.00		18.00		21.00	
		173	5865		18.00		18.00		21.00	
		177	5885		18.00		18.00		21.00	
	802.11ac-VHT40 MCS0	167	5835		18.00		18.00		21.00	
		175	5875		18.00		18.00		21.00	
	802.11ac-VHT80 MCS0	171	5855	16.45	18.00	16.88	18.00	19.68	21.00	97.75
	802.11ac-VHT160 MCS0	163	5815	Not required	15.50	Not required	15.50	Not required	18.50	Not required
	802.11ax-HE20 MCS0	169	5845		18.00		18.00		21.00	
		173	5865		18.00		18.00		21.00	
		177	5885		18.00		18.00		21.00	
	802.11ax-HE40 MCS0	167	5835		18.00		18.00		21.00	
		175	5875		18.00		18.00		21.00	
	802.11ax-HE80 MCS0	171	5855		18.00		18.00		21.00	
	802.11ax-HE160 MCS0	163	5815		15.50		15.50		18.50	
	802.11be-EHT20 MCS0	169	5845		18.00		18.00		21.00	
		173	5865		18.00		18.00		21.00	
		177	5885		18.00		18.00		21.00	
	802.11be-EHT40 MCS0	167	5835		18.00		18.00		21.00	
		175	5875		18.00		18.00		21.00	
	802.11be-EHT80 MCS0	171	5855		18.00		18.00		21.00	
	802.11be-EHT160 MCS0	163	5815		16.00		16.00		19.00	

WLAN 6GHz Power index 1/2_SP

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	12.50	Not required	12.50	Not required	15.50	Not required
		57	6235		12.50		12.50		15.50	
		173	6815		14.00		14.00		17.00	
	802.11ax-HE20 MCS0	1	5955		12.50		12.50		15.50	
		57	6235		12.50		12.50		15.50	
		173	6815		14.00		14.00		17.00	
	802.11ax-HE40 MCS0	3	5965		12.50		12.50		15.50	
		59	6245		12.50		12.50		15.50	
		171	6805		14.00		14.00		17.00	
	802.11ax-HE80 MCS0	7	5985		12.50		12.50		15.50	
		71	6305		12.50		12.50		15.50	
		167	6785		14.00		14.00		17.00	
	802.11ax-HE160 MCS0	15	6025		11.90		12.07		15.00	95.33
		47	6185		12.00		11.87		14.95	
		143	6665		14.20		14.37		17.30	
	802.11be-EHT20 MCS0	1	5955		12.50	Not required	12.50	Not required	15.50	Not required
		57	6235		12.50		12.50		15.50	
		173	6815		14.00		14.00		17.00	
	802.11be-EHT40 MCS0	3	5965		12.50		12.50		15.50	
		59	6245		12.50		12.50		15.50	
		171	6805		14.00		14.00		17.00	
	802.11be-EHT80 MCS0	7	5985		12.50		12.50		15.50	
		71	6305		12.50		12.50		15.50	
		167	6785		14.00		14.00		17.00	
	802.11be-EHT160 MCS0	15	6025		12.50		12.50		15.50	
		47	6185		12.50		12.50		15.50	
		143	6665		15.00		15.00		18.00	

WLAN 6GHz Power index 3/4_SP

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	10.50	Not required	10.50	Not required	13.50	Not required
		57	6235		10.50		10.50		13.50	
		173	6815		11.00		11.00		14.00	
	802.11ax-HE20 MCS0	1	5955		10.50		10.50		13.50	
		57	6235		10.50		10.50		13.50	
		173	6815		11.00		11.00		14.00	
	802.11ax-HE40 MCS0	3	5965		10.50		10.50		13.50	
		59	6245		10.50		10.50		13.50	
		171	6805		11.00		11.00		14.00	
	802.11ax-HE80 MCS0	7	5985		10.50		10.50		13.50	
		71	6305		10.50		10.50		13.50	
		167	6785		11.00		11.00		14.00	
	802.11ax-HE160 MCS0	15	6025	9.80	10.50	10.47	10.50	13.16	13.50	95.33
		47	6185	10.20	10.50	10.17	10.50	13.20	13.50	
		143	6665	10.60	11.00	10.67	11.00	13.65	14.00	
	802.11be-EHT20 MCS0	1	5955	Not required	10.50	Not required	10.50	Not required	13.50	Not required
		57	6235		10.50		10.50		13.50	
		173	6815		11.00		11.00		14.00	
	802.11be-EHT40 MCS0	3	5965		10.50		10.50		13.50	
		59	6245		10.50		10.50		13.50	
		171	6805		11.00		11.00		14.00	
	802.11be-EHT80 MCS0	7	5985		10.50		10.50		13.50	
		71	6305		10.50		10.50		13.50	
		167	6785		11.00		11.00		14.00	
	802.11be-EHT160 MCS0	15	6025		10.50		10.50		13.50	
		47	6185		10.50		10.50		13.50	
		143	6665		11.00		11.00		14.00	

WLAN 6GHz Power index 5/6/7/8/9_SP

				Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	11.50	Not required	11.50	Not required	14.50	Not required
		57	6235		11.50		11.50		14.50	
		173	6815		12.00		12.00		15.00	
	802.11ax-HE20 MCS0	1	5955		11.50		11.50		14.50	
		57	6235		11.50		11.50		14.50	
		173	6815		12.00		12.00		15.00	
	802.11ax-HE40 MCS0	3	5965		11.50		11.50		14.50	
		59	6245		11.50		11.50		14.50	
		171	6805		12.00		12.00		15.00	
	802.11ax-HE80 MCS0	7	5985		11.50		11.50		14.50	
		71	6305		11.50		11.50		14.50	
		167	6785		12.00		12.00		15.00	
	802.11ax-HE160 MCS0	15	6025	11.00	11.50	10.37	11.50	13.71	14.50	95.33
		47	6185	10.30	11.50	10.17	11.50	13.25	14.50	
		143	6665	11.00	12.00	11.07	12.00	14.05	15.00	
	802.11be-EHT20 MCS0	1	5955	Not required	11.50	Not required	11.50	Not required	14.50	Not required
		57	6235		11.50		11.50		14.50	
		173	6815		12.00		12.00		15.00	
	802.11be-EHT40 MCS0	3	5965		11.50		11.50		14.50	
		59	6245		11.50		11.50		14.50	
		171	6805		12.00		12.00		15.00	
	802.11be-EHT80 MCS0	7	5985		11.50		11.50		14.50	
		71	6305		11.50		11.50		14.50	
		167	6785		12.00		12.00		15.00	
	802.11be-EHT160 MCS0	15	6025		11.50		11.50		14.50	
		47	6185		11.50		11.50		14.50	
		143	6665		12.00		12.00		15.00	

WLAN 6GHz Power index 1/2_LPI

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	6.00	Not required	6.00	Not required	9.00	Not required
		57	6235		6.00		6.00		9.00	
		113	6515		6.00		6.00		9.00	
		173	6815		6.00		6.00		9.00	
	802.11ax-HE20 MCS0	1	5955		7.50		7.50		10.50	
		57	6235		7.50		7.50		10.50	
		113	6515		6.00		6.00		9.00	
		173	6815		8.00		8.00		11.00	
	802.11ax-HE40 MCS0	3	5965		7.50		7.50		10.50	
		59	6245		10.50		10.50		13.50	
		107	6485		7.50		7.50		10.50	
		171	6805		8.00		8.00		11.00	
	802.11ax-HE80 MCS0	227	7085		12.00		12.00		15.00	
		7	5985		12.50		12.50		15.50	
		71	6305		12.50		12.50		15.50	
		119	6545		12.00		12.00		15.00	
	802.11ax-HE160 MCS0	167	6785		14.50		14.50		17.50	
		215	7025		15.00		15.00		18.00	
		15	6025	11.90	12.50	12.07	12.50	15.00	15.50	95.33
		47	6185	12.00	12.50	11.87	12.50	14.95	15.50	
		111	6505	13.40	14.00	13.37	14.00	16.40	17.00	
		143	6665	14.20	15.00	14.37	15.00	17.30	18.00	
	802.11be-EHT20 MCS0	207	6985	15.80	17.50	17.07	17.50	19.49	20.50	
		1	5955	Not required	7.50	Not required	7.50	Not required	10.50	Not required
		57	6235		7.50		7.50		10.50	
		113	6515		6.00		6.00		9.00	
		173	6815		8.00		8.00		11.00	
	802.11be-EHT40 MCS0	3	5965		7.50		7.50		10.50	
		59	6245		10.50		10.50		13.50	
		107	6485		7.50		7.50		10.50	
		171	6805		8.00		8.00		11.00	
	802.11be-EHT80 MCS0	227	7085		12.00		12.00		15.00	
		7	5985		12.50		12.50		15.50	
		71	6305		12.50		12.50		15.50	
		119	6545		12.00		12.00		15.00	
	802.11be-EHT160 MCS0	167	6785		14.50		14.50		17.50	
		215	7025		15.00		15.00		18.00	
		15	6025		12.50		12.50		15.50	
		47	6185		12.50		12.50		15.50	
		111	6505		14.50		14.50		17.50	
		143	6665		15.00		15.00		18.00	
		207	6985		17.50		17.50		20.50	

WLAN 6GHz Power index 3/4_LPI

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	6.00	Not required	6.00	Not required	9.00	Not required
		57	6235		6.00		6.00		9.00	
		113	6515		6.00		6.00		9.00	
		173	6815		6.00		6.00		9.00	
	802.11ax-HE20 MCS0	1	5955		7.50		7.50		10.50	
		57	6235		7.50		7.50		10.50	
		113	6515		6.00		6.00		9.00	
		173	6815		8.00		8.00		11.00	
	802.11ax-HE40 MCS0	3	5965		7.50		7.50		10.50	
		59	6245		10.50		10.50		13.50	
		107	6485		7.50		7.50		10.50	
		171	6805		8.00		8.00		11.00	
	802.11ax-HE80 MCS0	7	5985		10.50		10.50		13.50	
		71	6305		10.50		10.50		13.50	
		119	6545		11.50		11.50		14.50	
		167	6785		11.00		11.00		14.00	
	802.11ax-HE160 MCS0	215	7025		12.00		12.00		15.00	
		15	6025	9.80	10.50	10.47	10.50	13.16	13.50	95.33
		47	6185	10.20	10.50	10.17	10.50	13.20	13.50	
		111	6505	10.90	11.50	11.47	11.50	14.20	14.50	
		143	6665	10.60	11.00	10.67	11.00	13.65	14.00	
	802.11be-EHT20 MCS0	207	6985	11.30	12.00	11.87	12.00	14.60	15.00	Not required
		1	5955	Not required	7.50	Not required	7.50	Not required	10.50	
		57	6235		7.50		7.50		10.50	
		113	6515		6.00		6.00		9.00	
		173	6815		8.00		8.00		11.00	
	802.11be-EHT40 MCS0	3	5965		7.50		7.50		10.50	
		59	6245		10.50		10.50		13.50	
		107	6485		7.50		7.50		10.50	
		171	6805		8.00		8.00		11.00	
	802.11be-EHT80 MCS0	227	7085		12.00		12.00		15.00	
		7	5985		10.50		10.50		13.50	
		71	6305		10.50		10.50		13.50	
		119	6545		11.50		11.50		14.50	
	802.11be-EHT160 MCS0	167	6785		11.00		11.00		14.00	
		215	7025		12.00		12.00		15.00	
		15	6025		10.50		10.50		13.50	
		47	6185		10.50		10.50		13.50	
		111	6505		11.50		11.50		14.50	
		143	6665		11.00		11.00		14.00	
		207	6985		12.00		12.00		15.00	

WLAN 6GHz Power index 5/6/7/8/9_LPI

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	6.00	Not required	6.00	Not required	9.00	Not required
		57	6235		6.00		6.00		9.00	
		113	6515		6.00		6.00		9.00	
		173	6815		6.00		6.00		9.00	
	802.11ax-HE20 MCS0	1	5955		7.50		7.50		10.50	
		57	6235		7.50		7.50		10.50	
		113	6515		6.00		6.00		9.00	
		173	6815		8.00		8.00		11.00	
	802.11ax-HE40 MCS0	3	5965		7.50		7.50		10.50	
		59	6245		10.50		10.50		13.50	
		107	6485		7.50		7.50		10.50	
		171	6805		8.00		8.00		11.00	
	802.11ax-HE80 MCS0	227	7085		12.00		12.00		15.00	
		7	5985		11.50		11.50		14.50	
		71	6305		11.50		11.50		14.50	
		119	6545		10.00		10.00		13.00	
	802.11ax-HE160 MCS0	167	6785		12.00		12.00		15.00	
		215	7025		13.50		13.50		16.50	
		15	6025	11.00	11.50	10.37	11.50	13.71	14.50	95.33
		47	6185	10.30	11.50	10.17	11.50	13.25	14.50	
		111	6505	8.20	10.00	8.27	10.00	11.25	13.00	
		143	6665	11.00	12.00	11.07	12.00	14.05	15.00	
	802.11be-EHT20 MCS0	207	6985	12.40	13.50	12.97	13.50	15.70	16.50	
		1	5955	Not required	7.50	Not required	7.50	Not required	10.50	Not required
		57	6235		7.50		7.50		10.50	
		113	6515		6.00		6.00		9.00	
		173	6815		8.00		8.00		11.00	
	802.11be-EHT40 MCS0	3	5965		7.50		7.50		10.50	
		59	6245		10.50		10.50		13.50	
		107	6485		7.50		7.50		10.50	
		171	6805		8.00		8.00		11.00	
	802.11be-EHT80 MCS0	227	7085		12.00		12.00		15.00	
		7	5985		11.50		11.50		14.50	
		71	6305		11.50		11.50		14.50	
		119	6545		10.00		10.00		13.00	
	802.11be-EHT160 MCS0	167	6785		12.00		12.00		15.00	
		215	7025		13.50		13.50		16.50	
		15	6025		11.50		11.50		14.50	
		47	6185		11.50		11.50		14.50	
		111	6505		10.00		10.00		13.00	
		143	6665		12.00		12.00		15.00	
		207	6985		13.50		13.50		16.50	

Bluetooth Power Index 1

	Mode	Channel	Frequency (MHz)	Ant 3			Ant 4		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
Bluetooth	BR / EDR 1Mbps	0	2402	11.25	12.00	77.13	11.98	12.00	77.13
		39	2441	11.25	12.00		11.88	12.00	
		78	2480	11.25	12.00		11.98	12.00	
	BR / EDR 2Mbps	0	2402	Not required	12.00	Not required	Not required	12.00	Not required
		39	2441		12.00			12.00	
		78	2480		12.00			12.00	
	BR / EDR 3Mbps	0	2402		12.00			12.00	
		39	2441		12.00			12.00	
		78	2480		12.00			12.00	
	LE 1Mbps	0	2402		12.00			12.00	
		19	2440		12.00			12.00	
		39	2480		12.00			12.00	
	LE 2Mbps	0	2402		12.00			12.00	
		19	2440		12.00			12.00	
		39	2480		12.00			12.00	
	BLE CS GFSK 1Mbps	0	2402		12.00			12.00	
		39	2441		12.00			12.00	
		78	2480		12.00			12.00	
	BLE CS GFSK 2Mbps	2	2404		12.00			12.00	
		39	2441		12.00			12.00	
		76	2478		12.00			12.00	
	BLE CS ASK 1Mbps	2	2404		12.00			12.00	
		39	2441		12.00			12.00	
		76	2478		12.00			12.00	
	BLE CS ASK 2Mbps	2	2404		12.00			12.00	
		39	2441		12.00			12.00	
		76	2478		12.00			12.00	

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
Bluetooth	BR / EDR 1Mbps	0	2402	11.25	12.00	11.98	12.00	14.64	15.00	77.13
		39	2441	11.25	12.00	11.88	12.00	14.59	15.00	
		78	2480	11.25	12.00	11.98	12.00	14.64	15.00	
	BR / EDR 2Mbps	0	2402	Not required	12.00	Not required	12.00	Not required	15.00	Not required
		39	2441		12.00		12.00		15.00	
		78	2480		12.00		12.00		15.00	
	BR / EDR 3Mbps	0	2402		12.00		12.00		15.00	
		39	2441		12.00		12.00		15.00	
		78	2480		12.00		12.00		15.00	
	LE 1Mbps	0	2402		12.00		12.00		15.00	
		19	2440		12.00		12.00		15.00	
		39	2480		12.00		12.00		15.00	
	LE 2Mbps	0	2402		12.00		12.00		15.00	
		19	2440		12.00		12.00		15.00	
		39	2480		12.00		12.00		15.00	

Bluetooth Power Index 2

	Mode	Channel	Frequency (MHz)	Ant 3			Ant 4		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
Bluetooth	BR / EDR 1Mbps	0	2402	19.09	20.00	77.13	19.79	20.00	77.13
		39	2441	18.44	19.50		19.33	19.50	
		78	2480	19.11	19.50		19.33	19.50	
	BR / EDR 2Mbps	0	2402	Not required	17.00	Not required	Not required	17.00	Not required
		39	2441		16.00			16.00	
		78	2480		16.50			16.50	
	BR / EDR 3Mbps	0	2402		17.00			17.00	
		39	2441		16.00			16.00	
		78	2480		16.50			16.50	
	LE 1Mbps	0	2402		19.50			19.50	
		19	2440		20.00			20.00	
		39	2480		20.00			20.00	
	LE 2Mbps	0	2402		20.00			20.00	
		19	2440		19.50			19.50	
		39	2480		19.50			19.50	
	BLE CS GFSK 1Mbps	0	2402		20.00			20.00	
		39	2441		20.00			20.00	
		78	2480		20.00			20.00	
	BLE CS GFSK 2Mbps	2	2404		20.00			20.00	
		39	2441		20.00			20.00	
		76	2478		20.00			20.00	
	BLE CS ASK 1Mbps	2	2404		20.00			20.00	
		39	2441		20.00			20.00	
		76	2478		20.00			20.00	
	BLE CS ASK 2Mbps	2	2404		20.00			20.00	
		39	2441		20.00			20.00	
		76	2478		20.00			20.00	

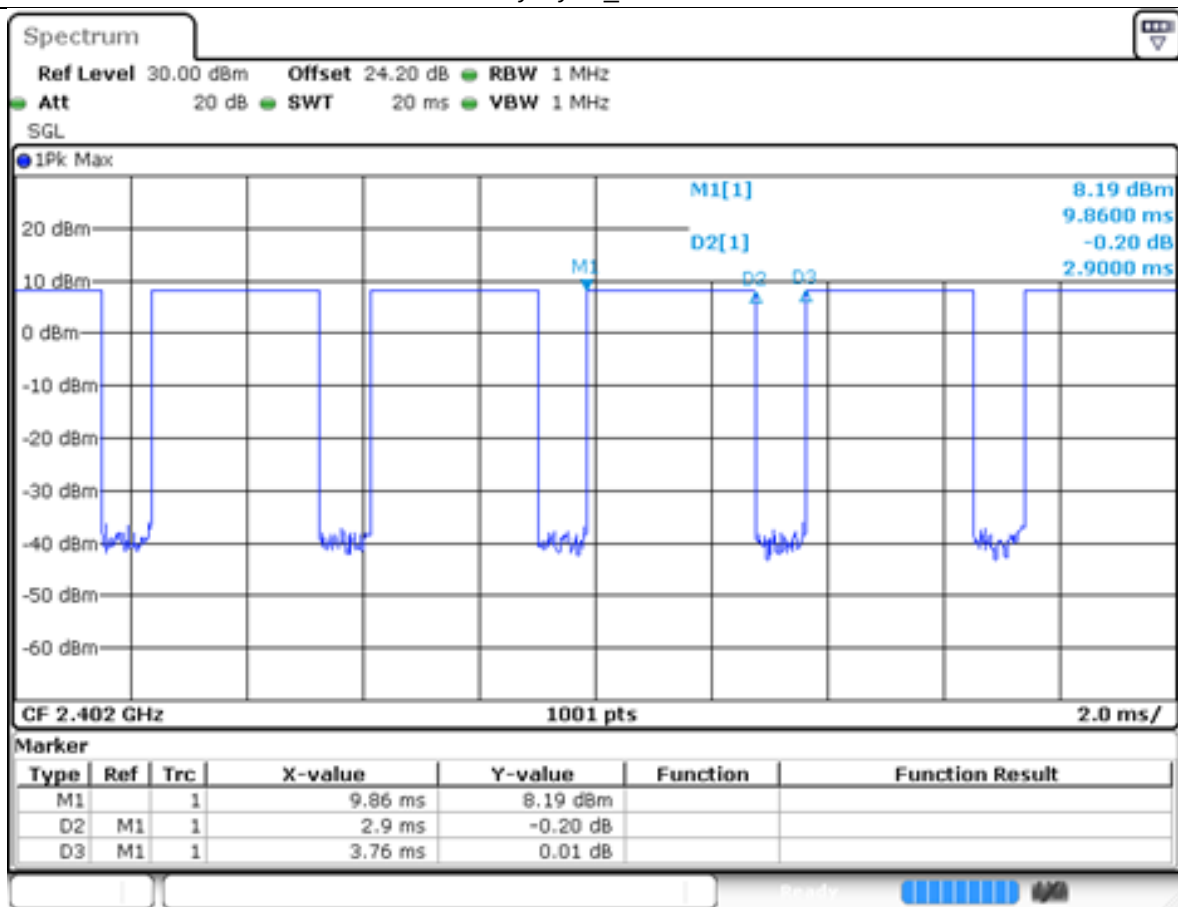
	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
Bluetooth	BR / EDR 1Mbps	0	2402	19.09	20.00	19.79	20.00	22.47	23.00	77.13
		39	2441	18.44	19.50	19.33	19.50	21.92	22.50	
		78	2480	19.11	19.50	19.33	19.50	22.23	22.50	
	BR / EDR 2Mbps	0	2402	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		39	2441		16.00		16.00		19.00	
		78	2480		16.50		16.50		19.50	
	BR / EDR 3Mbps	0	2402		17.00		17.00		20.00	
		39	2441		16.00		16.00		19.00	
		78	2480		16.50		16.50		19.50	
	LE 1Mbps	0	2402		19.50		19.50		22.50	
		19	2440		20.00		20.00		23.00	
		39	2480		20.00		20.00		23.00	
	LE 2Mbps	0	2402		20.00		20.00		23.00	
		19	2440		19.50		19.50		22.50	
		39	2480		19.50		19.50		22.50	

Bluetooth Power Index 3/4

	Mode	Channel	Frequency (MHz)	Ant 3			Ant 4		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
Bluetooth	BR / EDR 1Mbps	0	2402	13.65	15.00	77.13	14.68	15.00	77.13
		39	2441	13.95	15.00		14.58	15.00	
		78	2480	13.25	15.00		14.68	15.00	
	BR / EDR 2Mbps	0	2402	Not required	15.00	Not required	Not required	15.00	Not required
		39	2441		15.00			15.00	
		78	2480		15.00			15.00	
	BR / EDR 3Mbps	0	2402		15.00			15.00	
		39	2441		15.00			15.00	
		78	2480		15.00			15.00	
	LE 1Mbps	0	2402		15.00			15.00	
		19	2440		15.00			15.00	
		39	2480		15.00			15.00	
	LE 2Mbps	0	2402		15.00			15.00	
		19	2440		15.00			15.00	
		39	2480		15.00			15.00	
	BLE CS GFSK 1Mbps	0	2402		15.00			15.00	
		39	2441		15.00			15.00	
		78	2480		15.00			15.00	
	BLE CS GFSK 2Mbps	2	2404		15.00			15.00	
		39	2441		15.00			15.00	
		76	2478		15.00			15.00	
	BLE CS ASK 1Mbps	2	2404		15.00			15.00	
		39	2441		15.00			15.00	
		76	2478		15.00			15.00	
	BLE CS ASK 2Mbps	2	2404		15.00			15.00	
		39	2441		15.00			15.00	
		76	2478		15.00			15.00	

	Mode	Channel	Frequency (MHz)	Ant 3+4 (3)		Ant 3+4 (4)		Ant 3+4		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
Bluetooth	BR / EDR 1Mbps	0	2402	13.65	15.00	14.68	15.00	17.21	18.00	77.13
		39	2441	13.95	15.00	14.58	15.00	17.29	18.00	
		78	2480	13.25	15.00	14.68	15.00	17.03	18.00	
	BR / EDR 2Mbps	0	2402	Not required	15.00	Not required	15.00	Not required	18.00	Not required
		39	2441		15.00		15.00		18.00	
		78	2480		15.00		15.00		18.00	
	BR / EDR 3Mbps	0	2402		15.00		15.00		18.00	
		39	2441		15.00		15.00		18.00	
		78	2480		15.00		15.00		18.00	
	LE 1Mbps	0	2402		15.00		15.00		18.00	
		19	2440		15.00		15.00		18.00	
		39	2480		15.00		15.00		18.00	
	LE 2Mbps	0	2402		15.00		15.00		18.00	
		19	2440		15.00		15.00		18.00	
		39	2480		15.00		15.00		18.00	

BT Duty Cycle_Ant3 / Ant 4



Thread Power Index 1

Thread	Data Rate	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	250K	11	2405	10.15	11.00
		18	2440	10.20	11.00
		25	2475	10.25	11.00
		26	2480	10.15	11.00

Thread Power Index 3/4

Thread	Data Rate	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	250K	11	2405	13.85	14.50
		18	2440	13.85	14.50
		25	2475	14.45	14.50
		26	2480	13.95	14.50

Thread Power_Index 2

Thread	Data Rate	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
	250K	11	2405	18.15	19.00
		18	2440	18.03	19.00
		25	2475	18.74	19.00
		26	2480	18.37	19.00